

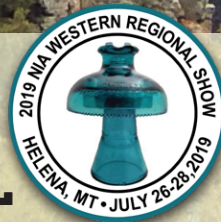


DRIP POINTS

QUARTERLY MAGAZINE • FALL 2019 • Vol. 48 No. 3



DOUBLE FEATURE ISSUE
50th NIA NATIONAL * WESTERN REGIONAL



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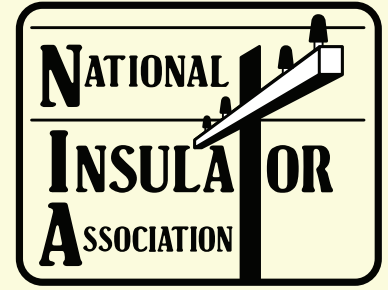
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🏡 About the Cover *🏡*

Cover photo submitted by Doug Rusher. This is one of the last photos of the historic Granite Creek Line outside Virginia City, Montana. The high voltage insulators in use are CD 303/310 Hemingray Muncie Types.

To have your photo or artwork featured on the cover of Drip Points Magazine, please contact the editor.



Established in 1973, the National Insulator Association is a 501(c)(3) charitable nonprofit organization. Visit us on the web at www.nia.org.

About Drip Points Magazine

Drip Points Magazine is published quarterly to all active members of the National Insulator Association. Printed back issues (2018 or newer) are available for \$5 (limited quantity). To order a back issue or submit content, please contact:

Christian Willis, Editor

publications@nia.org

(949) 338-1404

P.O. Box 2797

Parker, CO 80134

Publishing Schedule

Issue	#	Deadline	Mailing
Spring	1	Feb. 10	Mar. 1
Summer	2	May 10	Jun. 1
Fall	3	Aug. 10	Sep. 1
Winter	4	Nov. 10	Dec. 1

What's in a Name?

"Drip Points" is named after the feature seen on many insulators produced from the 1890s through the 1950s. Drip points are the bumpy protrusions around the base of an insulator. Their purpose was to help draw water off of the insulator.

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NIA PRESIDENT

STEVE ROBERTS * NIA #7935

Greetings,

When the last edition of Drip Points was sent to the printer, the NIA National was only a few days away. Now that the National is complete, I'm sure there will be a great deal of information regarding the event in this edition of Drip Points. Others will provide the details in their report; however, I want to personally thank the Show Hosts, Clay Bledsoe, Graham Barnes and Jacqueline Linscott-Barnes for their efforts. They implemented an impressive show! Every detail was well planned and executed. Like all Nationals, it was great to visit with insulator friends, and an opportunity to meet folks I haven't met before! All the feedback that I received concerning the show was positive. I think everyone would agree that it was excellent!

While at the National there were several people recognized for their contribution to the hobby. I don't have space in this article to provide all of the details concerning each person who was recognized; however, I would like to make you aware of who they were.

There were six people who received the President's Award. They were, Daniel Hulsizer - our NIA Attorney, Carolyn Berry - our Commemoratives Coordinator, Paul Greaves - our Authentication and Classification Advisor, Lois Blair - Co-Show Host for the Mid-Ohio Show, Andrew Gibson - our Membership Director and Gus Stafford - our Eastern Region VP.

We had one person who received the Outstanding Service Award, Bill Rohde. In addition to serving the NIA for several years, Bill implemented his twenty-third Rohde Ranch show in April.

There were two couples who were recognized with the NIA's highest award, the Lifetime Membership Award. They were Lou and DeeDee Hall, and Kevin and Tammy Jacobson. As you are aware Lou has been heavily involved in the NIA for many years. He has served in numerous NIA Leadership capacities. Some of those roles include the Awards Chairman, the Western Region VP and the President of the NIA. Kevin has been involved in the hobby for over twenty years. He too has served in a variety of NIA leadership positions. They include serving as the Information Director, the editor of Drip Points and serving as the NIA President. During his term as President, Kevin was the driving force to help the NIA receive its 501 (c) 3 status from the federal government.

My congratulations to all these NIA Award Recipients. They are all well deserving of their recognition from the NIA.

Also, since the printing of the last edition of Drip Points you may have heard that there was an NIA Western Regional Show. I had the privilege to attend this show. It was a long trip but well worth the drive. If you have never taken the time to drive in the West, do yourself a favor and take the trip. It's country like you can't imagine. However, if you're going to take a western trip, plan it around an insulator show.

No one was disappointed when they arrived in Helena! Jay Bernasek, Doug Rusher and Ron Yuhas were excellent Show Hosts. Their attention to detail was stellar and their implementation was flawless. My congratulations to Jay, Doug and Ron!

We have been trying to get folks to host Regional Shows for the last few years. I think everyone who was there would agree that the Western Regional was a fabulous show. Certainly, it took a great deal of work, but I think all of the Show Hosts would agree that it was worth the effort. Let me encourage you to think about hosting a Regional Show in the Central and Eastern Regions in 2021. The due date for a proposal is rapidly approaching. If you are interested in hosting a Regional Show, please contact the NIA Events Committee Chairman, Don Briel. He and the Events Committee are available to help you through every step needed to successfully implement a Regional Show.

Let me change gears a little and talk about a few administrative things. The Board of Directors have been busy dealing with a variety of topics. In addition to the annual Board meeting, which was held in Orlando, the Board has also had a conference call since the National, and we will have conducted a second conference call by the time you receive this edition of Drip Points. Clearly, we are trying to properly research several topics and make sound decisions concerning the future of the NIA. One of the topics that we have focused on is our magazine, Drip Points. I think everyone would agree that our Information Director, Christian Willis, is doing a terrific job as the Drip Points Editor. He has developed a great format and has expanded the size of the magazine to a product that everyone looks forward to receiving. With that said, I don't think anyone wants to retreat or go backwards. However, like everything, you have to pay for what you receive. After a great deal of research, we determined that publishing Drip Points in 2018 cost the NIA 78% of our annual membership dues income.

Based on the above, let me try to put some things in perspective. First, our annual membership dues represent the vast majority of our NIA income; however, dues are not the only source of income. In addition to membership income we also receive income from our Product Marketing, which is typically present at two shows, the NIA National and the Mid-Ohio Show. Our income from product sales varies each year, depending on our cycle of restocking our products; however, on an average we clear several hundred dollars annually.

Another source of income is our Commemorative Insulator Sales. Again, this item is typically available at both the NIA National and the Mid-Ohio Show. Last year we cleared approximately eight hundred dollars. Unfortunately, we will not know our end of year 2019 numbers until December. However, it is still a source of income and the Board believes that we should continue producing the NIA Commemoratives.

Another source of income is through our Development Committee. This committee has a huge responsibility. Through their efforts the NIA primarily maintains a balanced budget. However, everyone must realize that their efforts are never ending as they must solicit support annually to assist the NIA with various projects.

In addition to reviewing our income, the Board looked at our expenses to properly ensure that we are showing due diligence with cost control.

Having looked at all of this information the Board of Directors determined that our current dues are not sufficient as they relate to



our needs and desires to continue to progress as a healthy and robust organization. Based on our review, the Board unanimously agreed to implement a membership dues increase effective October 1st, 2019. Following are the membership dues options:

1) An Adult Member (or Family Membership) who receives Drip Points via electronic distribution - \$30.00 annually. (Please note that the Family Membership Includes the Primary Adult Member, their spouse/significant other and children who reside at the primary member's residence. Also, In the Family Membership option, the Primary Member will receive the electronic version of Drip Points and will be the only member in the Family Membership who has NIA voting rights.)

2) An Adult Member (or Family Membership) who receives Drip Points in a mailed printed version - \$40.00 annually. (Please note that the Family Membership Includes the Primary Adult Member, their spouse/significant other and children who reside at the primary member's residence. Also, In the Family Membership option, the Primary Member will receive the mailed printed version of Drip Points and will be the only member in the Family Membership who has NIA voting rights.)

3) An Adult Member (or Family Membership) who receives Drip Points via electronic distribution AND a mailed printed copy - \$45.00 annually. (Please note that the Family Membership Includes the Primary Adult Member, their spouse/significant other and children who reside at the primary member's residence. Also, In the Family Membership option, the Primary Member will receive the electronic version of Drip Points and the mailed printed version and will be the only member in the Family Membership who has NIA voting rights.)

4) All Foreign Membership dues will be the same rates as domestic memberships as quoted in the above Options 1, 2 and 3. Foreign Membership will be determined based on their selection of receiving Drip Points either via Option 1 - electronic distribution, Option 2 - a mailed printed copy, or Option 3 - both electronic AND a mailed printed copy.

5) Junior Membership will remain at the current rate of \$5.00 annually. The Junior Member must be seventeen years old or younger. The Junior Member will be a Primary Member and will have voting rights, but may not hold an elected office. They may receive Drip Points via electronic distribution, a mailed printed version, or both.

6) Club Memberships will remain at \$50.00. An individual membership in an organization with a Club Membership shall not be construed to include membership in the NIA.

(For specific wording concerning NIA Membership, please see pages 13 and 14 of the Membership Handbook. If you do not have a copy of the Membership Handbook, please go to the NIA website www.nia.org to view these pages. Please note that the NIA Membership Handbook has not yet been updated with the recent dues increase.)

I realize that some may take exception to this rate increase. However,

I would ask you to put this in perspective. If a person wants to receive a printed copy of their Drip Points magazine, they will pay more for their dues to help pay for the printing and shipping of the magazine they receive. When you attend the National or a Regional Show you will pay a similar amount of money for one banquet meal as compared to what you are paying for your annual dues. Most collectors have many insulators in their collection that are worth more per insulator than the cost of membership in the NIA. How many other organizations are you a member of whose dues are equal to or more than the NIA's dues? In comparison to other costs I believe that our dues are still reasonable, and I hope you understand the need for this rate increase.

Finally, when you receive this edition of Drip Points you may notice that there are less articles from the NIA Leaders. We have received feedback that the membership wants to read articles such as Show Reports, Recent Finds, Insulator Related History, New CD's, Hunts, etc. As a result, the NIA Leaders will submit articles when they have something pertinent to share; however, we will try to reduce our input to make room for more things that the membership would enjoy reading related to our hobby.

I hope all of you are well and manage to find an insulator treasure or two along your way! ▲

Best Regards,

Steve Roberts

Please Renew Now!

NIA MEMBERSHIPS EXPIRE DECEMBER 31

By the time you read this, it will be almost time for membership renewal reminders to be sent out. Please help save postage by renewing now before reminders have to be mailed at the beginning of October! You can renew online at <http://www.nia.org/membership/iform.htm>, or you can use the printed renewal form included in this issue (see page 65). Every early renewal saves on postage, printing, and the membership director's time and effort, so each and every one will be greatly appreciated. Thank you!

Andrew Gibson
NIA Membership Director



INFORMATION DIRECTOR & DRIP POINTS EDITOR

CHRISTIAN WILLIS * NIA #5185

Welcome to the Fall 2019 issue of Drip Points Magazine! We have another jam-packed issue with not one, but two major show reports: The 50th NIA National and the 2019 Western Regional! It's been several years since the NIA has had two in one year, and I hope this trend continues. We have several more show reports and articles as well. As always, thank you to everyone who provided such great content this issue! With 72 pages, we've broken yet another page count record. We actually had more content than we had space for, so be on the lookout for additional great articles in the Winter issue too!

You may notice a few minor changes in the magazine that I would like to bring to your attention. Firstly, our new Ad Manager Doug Rusher has been hard at work to bring in new advertisers. As a direct result, we have several new ads placed throughout the magazine beginning this issue, including the inside front cover, inside back cover, and outside back cover. In the future, you may see other pages shift around as well, as we work to get the page layouts in an optimal state. My goal as Editor is to make these changes as non-obtrusive for you as possible, and ensure that you still enjoy the magazine you are accustomed to reading! If at any time you feel I've missed the mark, please feel free to contact me. I'm always interested in ways to improve Drip Points.

Secondly, I would like to direct your attention to several forms that have been updated in the past couple issues:

- Ad Rates Form: Page 61 – New rates and ad size options
- Membership & Renewal Form: Page 65 – Updated for 2019
- NIA Products Form: Pages 66-67 – New products available!
- Donation Form: Pages 68-69 – Updated for 2019

I would like to sincerely thank Doug Rusher and Darryl Wagner for their contributions to this issue. Doug and I collaborated together on this issue using Dropbox and Adobe InDesign. We're still experimenting with the best way to team up on our production of a quality magazine, but I feel that this is a solid step in the right direction. By enabling multiple staff members to contribute to Drip Points on a regular basis, I'm confident this will add even more value to the magazine in future issues.

In closing, I was saddened learn of the recent passing of two members of the hobby: N. R. Woodward and Dennis Kotan. I was privileged to meet Mr. Woodward at the 2012 National in Kansas City and corresponded with him briefly during my research of Hemingray floor tube insulators. During my collecting years in California, Dennis and Paulette Kotan were always among the regulars at the shows my dad Bud and I would attend. Dennis would always warmly greet us with a smile. They will be sorely missed! You can read more about their lives on pages 16-18. 🐱

Sincerely,

Christian Willis



Winter Issue Sneak Peek

NIA Eastern Region VP Gus Stafford steps us through the painstaking repair process of the rare CD 265 Fisher electric railway insulator!

LAUGH LINES
BY CHRISTIAN WILLIS  EDITION N°106 ©2008



C. Willis

SPECIAL PROJECTS ADVISOR

MICHELLE ARMAND * NIA #9757



Since accepting the position as Special Projects Advisor in April of this year, I've had some very interesting experiences. In the December 2018 publication of Drip Points magazine, former SPA Mike Doyle publicized a request for a complete set of Cross Arms magazine for the NIA. Not only did this petition produce a complete set of the magazine, but it also resulted in the complete set being offered to the NIA in PDF format to simply be uploaded to the website!

Mr. Nathan Holmes, NIA # 4002, responded to this request and generously offered to donate both the previously mentioned. Not only did it take time for Mr. Holmes to acquire the complete set of the magazine, but it also took many hours to disassemble each issue, scan it, assign file names then restore each issue to their original state. This, my friends, is true dedication. Please take the time to thank Mr. Holmes. His time, efforts and personal expense in his endeavor will forever be a benefit to the NIA, the hobby of collecting and an example to all that each of us may have something beneficial to grow the hobby.

Mike's search and Mr. Holmes' donation called for affirmation of the tentative agreement previously established by Mike with Mr. Jim Garrity, owner/editor of Cross Arms magazine, to allow the NIA to publish his material on the website. To my delight, I was able to contact Mr. Garrity. We conversed for about an hour. Not only was I delighted and amazed but got a rare insight into Mr. Garrity's original vision for his publication. Although the publication only ran for a short amount of time, Mr. Garrity's drive and sincere desire for the growth of the hobby can still be heard and felt in his words. It was an honor to speak with a hobbyist who was central to the establishment of the hobby. His vision has come to fruition as his research, time, efforts and documentation will forever have a standing in the foundation of this hobby. It will be made readily available to all and stands as a testimony of selfless dedication.

I encourage each one of you to share this information with someone who may not be a member of the NIA. Encourage someone to join. If that is not an option for them, we are still here to serve the hobby and all collectors and will not discriminate based on membership. I would like to continue Mr. Garrity's vision of casting the net wide, indivisible and opportunity for all!

Many thanks are to the following individuals... Mr. Nathan Holmes, Mr. James "Jim" Garrity, Mr. Steve Roberts, Mr. Rick Soller, Mr. Walt Baumgardrt, Mr. Bob Berry, Mr. Christian Willis and lastly, but most definitely not least, Mr. Mike Doyle. 🍷

Michelle Armand

"MICKEYS IN SERVICE"



INSULATOR ART BY ALAN RIEGLER
MAKES A GREAT GIFT



Historical detail depicting early power linemen working aloft on DC (Direct Current cables) at the beginning of the 20th century.

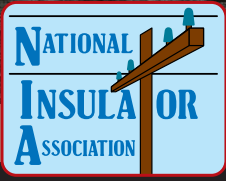
The color image is 18" x 24"

Full size poster with 2" borders is 22" x 28"

Each print will be signed and numbered by the artist in open edition
\$75.00 per print plus actual USPS shipping
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SCHOLARSHIP COMMITTEE CHAIR

JEANNE BRIEL * NIA #7595

Each year the NIA produces "Kids Cash" to reward young collectors for exhibiting at National shows. Each "Kids Cash" note is the size of a dollar bill and quite attractive. A new design is made each year and has the year and National show location on it. The young collectors are able to keep the "Kids Cash" or spend it at the show. If they choose to spend it, the dealers receiving the notes can keep them or the NIA will buy them back.

Some extra notes are produced each year and sold to collectors as a souvenir of the National show. All of the funds received from the sale of the notes goes into the NIA's Scholarship fund. Most years they are completely sold out early in the show. This year there is a limited number still available. There are \$2, \$5, \$10, and \$20 notes individually or as a set of all four. There are also a very limited number of \$50 and \$100 notes. The selling price is the same as the denomination on each note. If you would like to donate to the NIA Scholarship fund here is a fun way to do so and get back a nice souvenir.

Please direct payment to Bill Rohde at treasurer@nia.org and specify what denominations you are requesting.

Thank you for your support! ▲ *Jeanne Briel*



NIA PRODUCTS MANAGER

MARGARET WAGNER * NIA #8711

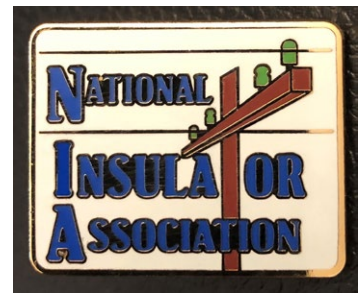
NIA Products presented a new item and a new/old item at this year's NIA National Show in Orlando. In the past there has been hat/lapel pins and after several requests, we have a new set of them in stock. They are 1 1/4" wide and run \$7.00.

Then for the first time, the NIA has a "Challenge" coin. This is a limited production of only 100 and was for the 50th National Show. They are 1 1/2" in diameter, color, coated and come in a PVC envelope. They are only \$10.00 each.

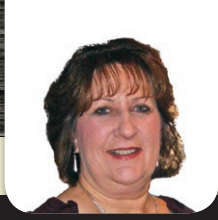


Shipping for either of these two items would be \$3.75. Since they are not on the product order form, just write the items in. (See page 67).

As always, thank you for your support of the NIA through your purchases of NIA marked products. ▲



Margaret Wagner



NIA COMMEMORATIVE COMMITTEE COORDINATOR

CAROLYN BERRY * NIA #4336

THE NATIONAL INSULATOR ASSOCIATION GLASS COMMEMORATIVE
" 50 years of continuous production "

50th NATIONAL CONVENTION * 2019 Orlando, Florida
" 50th Gold "

Honey Amber with Carnival



Regular - \$40.00 each / ppd

(\$35 for each additional when shipped with the first)

Solid pour - ~~\$50.00 each / ppd~~ **SOLD OUT!**

Note: Solid pours are not plunged. They vary in size and can be crude. They may lean or have flaws. They have no base markings. Each will be unique in color variation.

Embossed on the base of the commemorative:

Embossed on the dome of the commemorative:



History of the National Show Commemoratives: "Collecting Our History"

Being an enthusiastic insulator collector, Frank Miller of Tulsa, Oklahoma went home from the *First National Insulator Meet* (that's what the "National" show was referred to in 1970) held in New Castle, Indiana with an idea that collectors should have something by which they could remember the national meets. After months of struggling, he managed to have an insulator mold made. Frank said it was often referred to as "Frank's Last Folly" since he retired from teaching shortly thereafter. He also said it was worth the struggle. The commemorative insulator he designed replicated the early threadless "pilgrim hat" (CD 736) and is almost 4 inches high and is 3 1/4 inches across at the base. Since 1970, the glass commemorative has marked the national show event with new embossing for the location and a new color of glass. In 1979, the project continued on by John & Carol McDougald of Sedona, AZ. John and Carol produced the yearly commemoratives through 2009 at which time they donated the production to the National Insulator Association starting with the 2010 commemorative. Any profits made from the NIA Commemoratives go directly to benefit the National Insulator Association, a 501(c)3.

Please remit order and payment to:

NIA 2019 Commemorative
Carolyn Berry
1010 Wren Court
Round Rock, TX 78681

Please make checks payable to: NIA

Phone orders: (512) 791-8150

Email orders: commemorative@nia.org

Website link: <http://nia.org/products/commemorative/index.htm>

(for PAYPAL - credit card option follow link from website)

If you have questions, or live outside the continental USA, please contact me by phone or email.

22nd HAWKEYE STATE SWAPMEET

SHOW REPORT BY BILL SNELL ✨ NIA #2624

The 22nd Annual Hawkeye State Insulator Swapmeet June 1, 2019, in Tama, Iowa

After record rainfall this spring, lakes, creeks and rivers across the Midwest overflowed, leading to detours and delays all over Iowa, Nebraska, and Missouri. But the many regulars who braved a longer-than-usual trek to the annual Hawkeye State swap meet held at the Tama Civic Center in Tama, Iowa, didn't let the extra miles dampen their enthusiasm. Collectors and dealers know that the first Saturday in June means it's time to be in Tama, and they arrived from Iowa, Missouri, Nebraska, Kansas, Illinois, Indiana, Michigan, Wisconsin, and South Dakota.

Around here, early risers receive their reward. Dave Shaw and Tom Murphy had the hall ready to go well before 7:00, and soon we were on! The Civic Center is in the heart of Tama, with a large wall of windows providing abundant natural light, making the glass and porcelain colors come to life. The windows also provide grand view of the nearby railroad and its frequent traffic. More than a few insulator collectors are also train enthusiasts, and they enjoyed the vantage point and photo opportunities.

On a sad note, we felt the absence of Richard Sharer of Des Moines, who passed away in April. Rich had been a pioneer collector since the 1960s and a supporter of the Hawkeye State show since its beginning. We deeply missed him and his wealth of stories from decades of hunting and collecting insulators.

This show began as a picnic swap meet 22 years ago, and thanks to Rhonda Shaw, Pat Whitlock, Jeanne Weber and many others, the tradition of Iowa hospitality continues. For all the folks who prepared food or brought a dish to share, your efforts are deeply appreciated. No one leaves this show without being well-fed.

Quite a few nice insulators found new homes, including a CD 162 H. G. Co. Petticoat in dark, glowing peacock, a CD 133 PAT APP FOR signal in dark green, a green 127 Brookfield with bold embossing, and an electric blue Mickey Mouse loaded with milk and haze.

We welcomed some new faces, too, including a young man and new collector who now owns his first threadless, thanks to the generosity of Mike Tucker.

On stage at the east end of the hall, Rick Soller ran an auction, selling numerous box lots, some nice colored signals and vast variety of glass, porcelain, and hardware. Many of the boxes held insulators wrapped in newspapers dated 1971, indicating they hadn't seen the light of day in decades.

The threat of rain held off for the afternoon, so we enjoyed dry weather when it came time to pack up and move out. Many thanks to host Dave Shaw, whose hard work resulted in a fun, relaxing show. We're all looking forward to next year! ▲



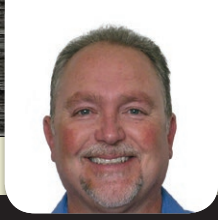
DENNIS WEBER AND RILEY ARMSTRONG CHAT AT THE WEBERS' TABLE.



SHOW HOST DAVE SHAW & TOM MURPHY KEPT THE SHOW RUNNING SMOOTHLY.



THE CROWD PERUSES THE TABLES FOR GOODIES.



CENTRAL REGION VP & DEVELOPMENT COMMITTEE CHAIR

DARRYL WAGNER * NIA #8671

NIA Development Committee update.....

The NIA operates with the membership fees, along with Commemorative and Product sales. Another major element of our operating funds are donations. Whether it is \$5, \$1000 or more, the donations that we receive allow the organization to fund our Scholarships, Educational Projects, National Show Support (possibly Regional Show Support), Internet Technology development and other projects as they arise. In general, our ability to support and perpetuate the insulator collecting hobby.

On that note, we have several new donation options for members, organizations and any outside donors and/or sponsors. If you look at the new NIA Donation Form in this publication, you will see something new. Now you can sponsor your favorite insulator Manufacturer or insulator embossing. See the form for details.

In the past, the NIA has also looked for donations in other ways, such as insulator or collection donations. This posed somewhat of a logistics issue on how to sell the items donated. A new development is that Bill & Jill Meier have offered the NIA, the opportunity to use their Bill and Jill Insulator auctions as a platform for donated or partially donated items on consignment. This is a trial, but a very generous offer from them and we are very appreciative.

This will be an alternative option for insulator donations and will be accepted under the following guidelines. Any donated insula-

tor's "value" will need to be estimated and agreed upon between the donor and a member of the development committee, in order to determine which of the two following categories that it might fit into. Insulators valued at \$100+ will be placed in a Bill and Jill Insulators on-line auction and the donor can designate from 15% to 100% of the net proceeds to be donated to the NIA. If not a 100% donation, then the donor would receive a check for the portion of the item not donated. Insulators valued below \$100 would be a 100% donation to the NIA and will be placed for sale at an NIA table at several shows per year or sold at another venue.

The NIA will also be offering a few items, at different levels of donation, to say, "Thank You". This information is also listed on the new form.

As always, each donation of \$10.00 or more will receive an acknowledgment and thank you letter from the NIA President. As the NIA is a 501(c)3 nonprofit organization, such gifts may be tax deductible.

This is a work in progress, yet another way that collectors may assist the organization. Again, I would like to thank Bill & Jill Meier for their willingness to offer this service to the NIA. ▲

Darryl Wagner



Announcing New Online & Printed Hobby Directories!

The NIA Board of Directors has been listening to our fellow Hobbyists. Due to the resounding responses we have had when talking to collectors about a Hobby directory, we have been looking into producing an on-line and printed directory. The NIA will be using the on-line domain, "insulatorcollectors.org," for the on-line directory that will be open and FREE to all participants. The on-line directory will be built a lot like the ICON mailing list and collectors will be able to search the on-line directory in various ways, such as by name, city, state, distance, etc.

The on-line directory will initially be populated with current NIA members and ICON members who have agreed to have their information in a directory. We will then be reaching out to other organizations and the multiple Facebook groups, to offer this new Hobby tool to all collectors. The tentative date

for the on-line directory to go into service is December 1st, 2019. We will give everyone an opportunity to either sign up electronically or by paper application for the on-line directory, then everyone that wants to also be in the printed directory, will have until February 1, 2020, to have signed up. For non-NIA members, there will be a small fee for being included in the printed directory. We are estimating a mailing date for the printed hobby directory of March 30, 2020.

There will be specific details in the Winter issue of Drip Points regarding the directories, including the printed purchase price and the costs for a non-NIA member to be listed in the printed directory. We may be posting initial information on ICON, earlier.

The NIA Board of Directors

NORTH OF THE BORDER PICNIC

SHOW REPORT BY AL & BRENDA KLAUS * NIA #9974 & 9975

We couldn't have asked for better weather for our first ever YPCIC North of the Border picnic in Winchester, NH. The event was named "North of the Border" because of our location, just north of the Massachusetts line. New faces as well as old favorites came out to visit, swap, buy, sell.....and eat!

This shindig had a great mix of glass and porcelain, big and small, as well as some go-withs and unique items. A threadless CD 735 Mulford & Biddle was a much talked about fan favorite. My favorite purchase was a CD 121 New Eng Tel & Tel in a dark yellow green.

Collectors were represented from all the New England states, as well as New York and New Jersey. We hope to get bigger every year. Next year we plan on increasing our advertising to pull in even more general public.

Thank you to all who set up and/or attended our picnic. We hope everyone had fun, made some new friends, visited with some old ones, and made some good deals! We look forward to many more North of the Border picnics. 🍷



NORTH WESTERN INSULATOR CLUB

SHOW REPORT BY KAREN YENNIE * NIA #6295

The North Western Insulator Club had its first meet and show of 2019 on March 23 in Coon Rapids Minnesota at the VFW Club. After a brutal Minnesota winter, the insulator gods cooperated with a beautiful snow free, sunny, mild day. Darryl Lawrence was our host and all went well with a great crowd coming in from Minnesota, Iowa, Wisconsin and South Dakota. It is always impressive to learn of the distances that our hobbyists will go to meet up with like-minded collectors. We have members from high school age to long retired and about 50 were there as well as a couple of new members who joined that day. This meet always draws interested people from the community and we welcomed quite a few visitors and generated some good interest in our hobby.

An auction to benefit our club was held midday with spirited bidding and all items finding new homes. Almost all sellers donated their proceeds to the club treasury which gives us a nice boost to sustain our activities and growth. Thanks to all who sold and bought!!

The one minor glitch happened when we set up our sumptuous lunch and found that club rules had changed with no food allowed. As usual, all folks rolled with it and a true tailgate party was set up in the parking lot. Gary Senum's pickup tailgate made a perfect place to serve and the insulator stories never stopped coming.

Many sales and trades were made-one notable was Dave Dahle's purchase of a unique high voltage piece-a Locke U816 brown porcelain piece. Don Coulter also purchased one to pick up closer to his home.

It was another successful get-together with fun, laughter and lots of shopping. We look forward to all our meets in the future. ▲



AWARDS & RECOGNITION CHAIR

GENE HAWKINS * NIA #421

Thanks to all the displayers, both competitive and non-competitive for displaying your collections. They were appreciated by all who were able to see & learn from them.

In order to win a category & win an award plaque you must have scored a minimum number of points assigned by the judges.

The NIA Category award winners are as follows:

Color	Richard Case	Mickey Mouse Color
General	Doug Williams	Mickey Mice
Go Withs	Darryl Wagner	Pyrex by Corning

Threaded Glass	Alan Colburn	SBT&T Kegs
Specialty	Bill Haley	Too Common To Collect?

Bill Haley also won the Milholland Educational Award & the Woody Woodward award for Best Use of North American Threaded Glass.

Clay Bledsoe, Graham Barnes, Don Briel & Jeff Hogan all had non-competitive displays as well.

Please consider displaying your collection at your next show. ▲

Gene Hawkins

1st ANNUAL MOHICAN SHOW

SHOW REPORT BY TOM NELSON

It was a summer sizzler, but a great time of wheeling and dealing under the canopies! Folks arrived early and soon people started showing up! The parking lot was full with cars pulled in the lawn for overflow. There were dealers from Michigan, Indiana, Illinois, and all over Ohio. Rick Soller conducted an auction which went well, with people leaving with boxes of insulators! We got to meet new people, and people coming back into the hobby! Started the grill early as heat was increasing, but people kept coming! After lunch folks began to pack up, but the show, though fiercely hot, was a success! Plans are in the works for a 2nd Mohican Country Show next year: Saturday, July 25th 2020! Dealers included: Andy Wadysz, Rick Soller, Dale Glendenning, Allan Stocky, Jeff Maxwell, Gene Hawkins, Michael McLaughlin, Dave & Josephine Ramp, Tom Nelson (myself), Russ Frank, Auction Helper. Others: Lou & Jami Fisher, Mr. & Mrs. Larry Carson, Stephen Smith, Gabe Plant, and Scott from Wooster, Ohio coming back into the hobby! Many others! 🍷



PERKIOMENVILLE INSULATOR SHOW

SHOW REPORT BY STEVE BOBB * NIA #827

Well let's just start out by saying that the show did take place as scheduled. But let me give you a little background as to what took place the previous week before the Saturday show date. On Wednesday late afternoon Claude and Arlene were out sitting on their front porch in the late afternoon enjoying the cool breeze before a rain storm was to take place. As it grew darker from approaching rain the wind picked up and they decided to vacate the front porch rockers and go back into the house. Just shortly after retreating into the house a strong gust of wind came into their area and ripped the very top of a large pine tree in there side yard and it flew through the air approximately 80 yards and demolished there front porch, tore off their electric and home phone service! I received a call from Arlene Wambold on her cell phone informing me of the problem. Turns out they had a major rain storm and horizontal wind shear was to blame for not only their damage, but countless others in the area suffered tree, house damage and power loss. To top this Thursday late night after Donna, her sister Jeanne who was visiting and myself were finally able to get to their house in another downpour, a large walnut tree toppled over in their side yard and just missed their house blocking the driveway. What a fix we were in! Needless to say without the help of a electrical contractor for a new power feed, meter box and tree removal contractor who did an exceptional job all on Friday this show would not have taken place. Power was restored by 10:00 pm. Friday night!

Saturday morning dawned clear and sunny and a large group of dealers made the trek to setup and a great mix of the usual collectors with a spattering of new collectors made the day complete. Lunch was served pulled pork, hot dogs, potato salad, and a whole host of other goodies that people brought. Show and tell featured a Cobalt EC&M and a milky NEGM pony. We had collectors/ Dealers from Canada, Ohio, New England area, New York, Florida, Delaware, New Jersey, Maryland, Virginia and Pennsylvania in attendance. 45 years and still going strong! Enjoy the pictures and get to a show! ▲

Sincerely,

Steve Bobb



IN MEMORIAM: N.R. WOODWARD

NOVEMBER 5, 1927 – AUGUST 6, 2019 * SUBMITTED BY BOB BERRY & LOU HALL

We recently lost one of the most significant pioneers in the insulator hobby. N.R. "Woody" Woodward passed away peacefully on August 6th at the age of 91. Woody was likely the first insulator collector as he started in the 1930s! He developed the CD numbering system in the 1950s for his own use and then introduced it to the new hobby when he published "The Glass Insulator In America 1865-1965 Progress Report" (the first hobby publication) and a follow-on in 1967. Woody also did significant research on manufacturers contacting many people that were involved while they were still living. He did much early research at a time where there were very few people interested in insulators and kept meticulous logbooks on insulators, markings and other observations that include more than 2000 pages. Dario DiMare has taken over as the curator of this great resource. Woody was brilliant but also very quiet and did not seek attention, but anyone who has talked or corresponded with him knows he had a deep passion for the hobby and incredible knowledge and was willing to share what he knew or theories on hobby mysteries.

Woody was the first inductee into the NIA Hall of Fame in 2012. The Lone Star Insulator Club gives an annual award at each National show for the best research article published in the previous year in honor of Woody. The NIA also recently added an display award for the "Best Use of North American Glass" in honor of Woody. He will be greatly missed. Lou Hall provided this bio for Woody's entry into the NIA Hall of Fame:

"Nathan R. Woodward was born in National City, California in 1927. He lived in western Oregon during the Depression and early war years. It was there that he first noticed insulators and began collecting them at the age of 8. As he grew a little older, he mastered the art of pole climbing. The man responsible for line maintenance in the area had decided that Woody was a potential insulator thief. And, if he ever saw Woody even looking at a pole, he would stop his Model A Ford in the middle of the road and deliver a scolding!

At age 15 he left home to work in Salem, Oregon. At age 16 he was living behind a restaurant operated by two older sisters who started calling him "Woody," and it has stuck ever since.

Woody moved to Dayton, Washington, Hillsboro, Oregon, and Corvallis, Oregon, working for Southern Pacific Railroad. Then came two years in the Army, from 1950 to 1952. Once out of the Army, Woody went to Portland, Oregon, working for the Union Pacific Railroad. In Salt Lake City, Utah he worked for the Denver & Rio Grande Western Railroad. Moving to Los Angeles, California he worked for the Atchison Topeka & Santa Fe and the Southern

Pacific Railroads. He headed on to Chicago, Illinois, and worked for the Chicago Milwaukee St. Paul & Pacific Railroad (The Milwaukee Road). These were followed by other jobs in Chicago, Houston, back to Chicago and then back to Houston where he retired in 1993.

His work years can be summed up this way: he held numerous odd jobs, and worked for five different railroads over a period of ten years in six different cities. During this time there were weeks or many months wandering, drifting between odd jobs, visiting nearly every city and state. Often he would be employed only two or three months out of a year, and be "on the road" the rest of the time. Many of the insulators he observed were seen from the top of a boxcar! He once shared with Clarice Gordon: "This is not the choice location. A flatcar, gondola, or empty boxcar, if the door is open on the same side as the pole line, is less hazardous and gives a good view. On the other hand, riding the running board of a tank car is no doubt the most hazardous, but I've done plenty of that as well."

It was during those years that Woody collected most of the historical data on insulators, having begun collecting in earnest in 1951. Serious research began in 1955, and really got off the ground in 1956, with numerous hours spent in the patent files in the Los Angeles Library. After meeting William McLaughlin, Woody subsequently visited every location he could identify with the manufacture of insulators. It was from this research that the 1965 Report was compiled.

Woody has stated "My first visit with William McLaughlin was on July 24, 1956. We visited several more times, and continued to correspond through the years. I have two fat files of letters from him, and never threw away a word he wrote. Woody met many other old-timers who were able to provide valuable insight into various manufacturing operations. There was Goody Godwin, the last member of the Gayner family to remember insulator production; Charles J. McHale, who, in his 90's, described vividly the Harloe insulator plant; William H. Loyd, retired secretary-treasurer of Lynchburg Glass Corp., who supplied Woody with complete remaining company records; and William Brookfield. These are only a few of those who helped to make the picture as complete as it is.

In the 1980s Woody made two trips to England. He spent about ten days each time, courtesy of a fellow Mensa member with whom he had been corresponding.

As most insulator collectors know, Woody developed the Consolidated Design (CD) Number System now universally accepted as the standard for glass insulator identification. The idea was born proba-



IN MEMORIAM: N.R. WOODWARD

(CONTINUED)

bly in 1951. Woody has stated: “At the outset I developed a CD system that I used for a year or so, but it didn’t suit, so I scrapped it and started the system we use today. The system we use today was finalized in 1953 or 1954.” Every different glass pin-type insulator style found so far has been assigned its own CD number by Woody, and he was the only person with the authority to issue new numbers. Note: CD assignments have been transferred by Woody to Dario Dimare.

Public use of the CD numbers was first initiated by someone other than Woody in 1965, when early collector Helmer Turner asked for and received a list of the numbers for use in his personal collection. It was later through his efforts that the CD numbers began to come into general use. They first appeared in Woody’s 1967 Report.

Woody’s literary contributions to the hobby are many. He has authored five books and co-authored two others. His first one was “The Glass Insulator in America, 1865-1965 Progress Report,” which was soon followed by “The Glass Insulator in America, 1967 Report,” 1969 Report, 1973 Report, and 1988 Report. With the exception of the 1965 Report, which was only text, the books contain scale drawings of the CD numbers. “Glass Insulators from Outside North America” was co-authored by Woody and Marilyn Albers in 1986, with the “Second Revision” published in 1993.

For many years, Woody volunteered to answer questions related to insulators through the pages of Crown Jewels of the Wire. His first column, “Questions Answered,” appeared in November, 1969. At times he also answered questions in a column called “Research Division.” In December, 1986 his column was renamed “Ask Woody.” Through these columns Woody has answered hundreds of collector’s questions, sharing his vast storehouse of knowledge with others. He is a walking encyclopedia of insulator data, and willingly dispenses it to anyone who writes for help.

In addition to the question-and-answer columns, Woody has written at least eight articles for Crown Jewels of the Wire, which includes several obituaries, articles on insulator colors, and the use and explanation of CD numbers, among other subjects.

Woody will be greatly missed by the insulator hobby! 🐾



WOODY AT THE ANNUAL LONE STAR CLUB CHRISTMAS SWAP



WOODY WITH ANOTHER EARLY COLLECTOR, WADE HOWARD

IN MEMORIAM: DENNIS KOTAN

MAY 28, 1938 – JULY 11, 2019 * SUBMITTED BY DUDLEY ELLIS

Dennis Kotan,

Years ago Sandy and I took our family to San Diego for a Christmas trip. We sent the family back home to Atlanta and Sandy and I stayed for a few more days. I suggested that we should contact an insulator collector in the area and go visit. We tried to make these insulator family connections during most trips. I picked Dennis and Paulette Kotan out of my Crown Jewels of the Wire Directory and made a call. With no hesitation the Kotans invited us to their home in El Cajon, California. The hospitality was like being back in the South. We shared snacks with the Kotans and other collectors that were invited after our phone call. We enjoyed the evening talking insulators and sharing tall tales. Sandy and I made new friends for life.

The Kotans were known for their many travels around the country in their motor home. Dennis' parents lived in Deland Florida. After visiting Deland, Dennis and Paulette would come park their motor home in our driveway. They would stay a week and sometimes longer. We visited Roosevelt's Little White House, Civil War battlefields, President Carter's Library, many local museums, the Atlanta Aquarium and Stone Mountain. Dennis and Paulette were baseball and NASCAR fans. We took a tour of the Atlanta Raceway, the Atlanta Braves Museum and attended an Atlanta Braves baseball game.

We always looked forward to Dennis and Paulette's visits. Their visits were filled with fun, conversations, laughter, adventure and the nightly contest between the ladies and men playing the Sequence game.

For many years Sandy and I have had adjoining tables with Dennis and Paulette at the Nationals. I will miss Dennis' insulator collecting stories and his knowledge of insulators and their history. I do not believe Dennis ever met a stranger. He could strike up a conversation with anybody. Sandy and I will miss Dennis but we plan on staying connected with Paulette.

The hobby will miss you Dennis Kotan.
Rest in peace my dear friend. 🕯



PAULETTE AND DENNIS KOTAN AT THE 2019 NIA NATIONAL SHOW BANQUET



DENNIS KOTAN AND NIA PRESIDENT STEVE ROBERTS



INSULATOR IN USE PHOTO CONTEST FOR WINTER ISSUE OF DRIP POINTS

Hi Everyone we all have our favorite insulator in use pictures, so lets see who's got the BEST one, the winner will be selected by 5 judges who are NIA Members, the deadline to submit your picture will be NO Later than **Nov 1st 2019**.

the winner will be awarded a NIA Plaque for Best Picture of Insulators in use, and receive a Name badge bar for winning the contest.

THE RULES:

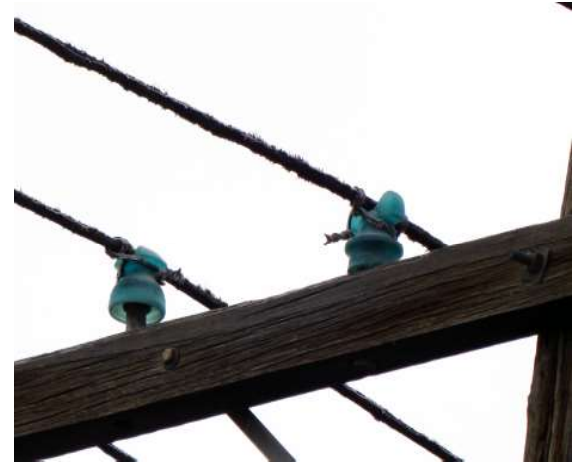
It must be a original photo of Insulators in use that you took and a description of the photo.

No Historic Photos or Photoshop creations.

so lets have some fun and maybe you will be selected as our winner, the top selections will be shown in the December issue of Drip Points

if you have questions please let me know and submit your pic to me at ddrusher@aol.com

Thanks Doug Rusher NIA1773 NIA Promotions and Ad manager



WANTED PORCELAIN INSULATORS

ONE PIECE OR A COLLECTION. I AM ALWAYS
LOOKING FOR BETTER PIECES OR GREAT COLOR
FOR MY COLLECTION. CASH OR TRADE.

MATT GRAYSON • NIA #387

mg3430@gmail.com • 718-507-5665

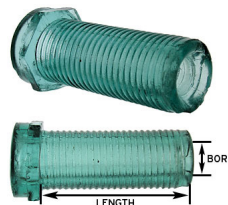
If you call, and I don't answer, I am probably traveling.
Email is always faster



Hemingray Glass Co.

WANTED:

Floor/Wall Tubes



These sizes:
2.5" length, 0.75" bore
3" length, 0.5" bore
3" length, 1.25" bore
3.5" length, 1" bore
4.5" length, 1" bore

+Any sizes in lime
green, ice aqua, off
clear, SCA/purple

Spools, Mine Insulators, Etc.



The above "claw" spool
CD185 No Embossing
CD1025
CD1030 Any type
CD1034
CD1046
CD1050
CD1057
CD1073 C&P Tel Co
CD1087 M.A.Knapp
CD1103

Power & Dump



CD178 VNM+
CD220 No Name
CD221 No Name
CD221 in Amber
CD232.1 VNM+
CD233 in Aqua
CD238 in Amber
CD242 VNM+
CD249 VNM+
CD287.2 Locke
CD307 VNM+
CD311 in Amber (2)

CHRISTIAN WILLIS • NIA #5185

mr.hemingray@gmail.com • (949) 338-1404



50th NIA NATIONAL SHOW

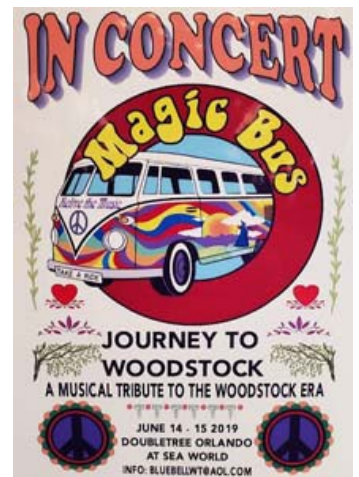
SHOW REPORT BY BOB BERRY & DARRYL WAGNER

This year's NIA National Show was held in Orlando, Florida, next door to Sea World. The show hosts, Clay Bledsoe, Jacqueline Linscott-Barnes and Graham Barnes, had a great venue and setting for this year's 50th National Show. Supported by the CFIC and numerous volunteers from around the hobby, they pulled off another wonderful show. The host's years of experience, not that we're calling Clay old, payed off in a very smooth and enjoyable event. Each dealer and exhibitor received a wonderful cloth bag with lots of goodies in it, including a great souvenir Program & Directory. A slightly lower dealer count made for excellent sales for other dealers that made the show. As usual, a lot of dealers spent about as much as they made, picking up jewels to take home.



Dudley Ellis organized and ran the silent auctions for the show, giving many collectors an opportunity to support the show and take something home that they wanted. From insulators to books, telephones to signs, there was something for everyone. We have a great family of collectors that helped by donating items for the National shows. A big thank you to Dudley for his time and every donor for their donation. This was a great benefit for the show.

As a special treat for attendees, there was a special musical event held Friday night. Insulator collector and musician Mike Bruner (key-board), along with the Magic Bus Band, provided a free concert for all show dealers and attendees. The Magic Bus Band is a seven piece group that focuses on the Woodstock music era. Our group enjoyed songs ranging from Steppenwolf and Jefferson Airplane to the Monkeys and Neil Young. The group also had a concert Saturday night that any Hotel Guest could attend.



50th NIA NATIONAL SHOW



AWARDS BANQUET

The NIA Awards banquet Saturday night, had a Hawaiian flare, along with gold decorations for celebrating the 50th Meet & Show. At the social hour before the banquet, each guest was presented a lei to go with the Hawaiian theme. Great food and a special gift at each table, designated by one napkin at each table.

Not sure, but in this picture it kind of looks like a couple of attendees might have been trying to fit in a nap before dinner.



Then we had our youngest show host..... with his fiancée. Not sure if he tasted something sour or what.

To be fair, we should show a better picture.



Gabrielle along with other family members were a great help to the show hosts.

The Awards portion of the banquet recognized multiple contributors to our hobby (see next page).





50th NIA NATIONAL SHOW

NIA & CLUB AWARDS



BILL HALEY
NIA CATEGORY AWARD FOR
"SPECIALTY"



DARRYL WAGNER
NIA CATEGORY AWARD FOR
"GO-WITHS"



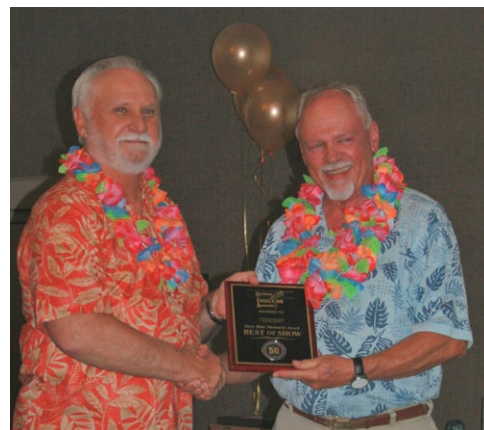
RICHARD CASE
NIA CATEGORY AWARD FOR
"COLOR"



ALAN COLBURN
NIA CATEGORY AWARD FOR
"THREADED GLASS"



DOUG WILLIAMS
NIA CATEGORY AWARD FOR
"GENERAL"



BILL HALEY
NIA BEST OF SHOW



BILL HALEY
N.R. WOODWARD BEST USE OF
NORTH AMERICAN GLASS



BILL HALEY
NIA MILHOLLAND
EDUCATIONAL AWARD



CAROLINE DEAN
"LON C. HOLY MEMORIAL AWARD"
PRESENTED BY GRAHAM BARNES



CLUB AWARDS



THE CENTRAL FLORIDA INSULATOR CLUB AWARDED ALL THREE FIRST TIME EXHIBITORS "BEST FIRST TIME EXHIBIT AT A NATIONAL". PRESENTED BY LOU HALL TO: **BILL HALEY, PAUL MIKULA & DARRYL WAGNER**



JEFF HOGAN
DIXIE JEWELS INSULATOR CLUB'S
"JIM OVERSTREET MEMORIAL AWARD"
PRESENTED BY **BILL HALEY**



GRAHAM BARNES
GREATER CHICAGO INSULATOR CLUB'S
"BEST EXHIBIT USING POWER INSULATORS"
PRESENTED BY **BOB STAHR**



DUDLEY & SANDRA ELLIS
(PICTURED WITH **JACQUE LINSCOTT-BARNES**)
"LEONARD LINSCOTT PIONEER AWARD"
PRESENTED BY **CLAY BLEDSOE**



FRITZ KETTENBERG (NOT PRESENT)
LONE STAR INSULATOR CLUB'S
"N.R. WOODWARD LITERARY AWARD"
PRESENTED BY **BOB BERRY**



DOUG WILLIAMS
MISSOURI VALLEY INSULATOR CLUB'S
"BEST USE OF MIDWEST COLORED INSULATORS
IN A DISPLAY" PRESENTED BY **DARRYL WAGNER**



JEFF HOGAN
CHESAPEAKE BAY INSULATOR CLUB'S
"BEST USE OF RAILROAD INSULATORS"
PRESENTED BY **WALT BAUMGARDT**



JEFF HOGAN
"PEOPLE'S CHOICE"
PRESENTED BY **CLAY BLEDSOE**



50th NIA NATIONAL SHOW

NIA AWARDS (CONTINUED)



CLAY BLEDSOE, JACQUE LINSOTT-BARNES & GRAHAM BARNES
"NIA NATIONAL SHOW HOST AWARD"
PRESENTED BY STEVE ROBERTS



BILL ROHDE
NIA OUTSTANDING SERVICE AWARD
PRESENTED BY STEVE ROBERTS



SHOW HOSTS WITH FAMILY MEMBERS: CLAY BLEDSOE (GRANDSON) & GABRIELLE KALLIN
JACQUE LINSOTT-BARNES & GRAHAM BARNES
LAURA LINSOTT-BLEDSOE (DAUGHTER) & HUSBAND JIM BLEDSOE



LOU & DEE HALL
NIA LIFETIME MEMBERSHIP AWARD
PRESENTED BY STEVE ROBERTS



NIA PRESIDENT'S AWARD
PRESENTED BY STEVE ROBERTS TO
ANDREW GIBSON
NIA MEMBERSHIP DIRECTOR



NIA PRESIDENT'S AWARD
PRESENTED BY STEVE ROBERTS TO
CAROLYN BERRY FOR 11 YEARS OF SERVICE AS
COMMEMORATIVE COORDINATOR

ADDITIONAL AWARDS PRESENTED

NIA LIFETIME MEMBERSHIP AWARD:
KEVIN & TAMMY JACOBSON

NIA PRESIDENT'S AWARD RECIPIENTS:

LOIS BLAIR
FOR YEARS OF SERVICE TO THE HOBBY
SUPPORTING THE MID-OHIO SHOW

DANIEL HULSIZER
NIA ATTORNEY

PAUL GREAVES
NIA AUTHENTICATION ADVISOR

GUS STAFFORD
NIA EASTERN REGION VP AND SUPPORT
FOR THE HOBBY IN GENERAL

50th NIA NATIONAL SHOW



(CONTINUED)



A special thank you to Jeff Katchko for his seminar "Erie's Over the Hill Line - 1864" on Friday evening.



A Hospitality Room was available for show attendees on both nights. Bill Rohde generously supplied all the food & drink.



This National was the last event attended by long time collector Dennis Kotan. Pictured here with his wife Paulette.



Thanks to those who helped out on security detail as well.



50th NIA NATIONAL SHOW

DISPLAYS

There were 13 displays at the show including a fantastic group display - five chose to be non-competitive for NIA awards but are still eligible for club and other awards.

"ELECTRIFICATION OF 50 STATES"

DISPLAY BY: JEFF HOGAN OF DEBARY, FL (NIA #3477)

Jeff coordinated this amazing group display showing insulators attributed to each of the 50 states. It included power and communication insulators and historic signs provided by many collectors. It received the People's Choice Award, the Dixie Jewels Insulator Club, Jim Overstreet Award for Best Use of CDs and the Chesapeake Bay Insulator Club Award for Best Use of Railroad Insulators



50th NIA NATIONAL SHOW



DISPLAYS (CONTINUED)





50th NIA NATIONAL SHOW

DISPLAYS (CONTINUED)



**"CELEBRATING 50 YEARS OF NATIONAL SHOW COMMEMORATIVES"
DISPLAY BY: CLAY BLEDSOE OF TAMPA, FL (NIA #5581)**

This colorful display shows commemoratives for all 50 years of production.



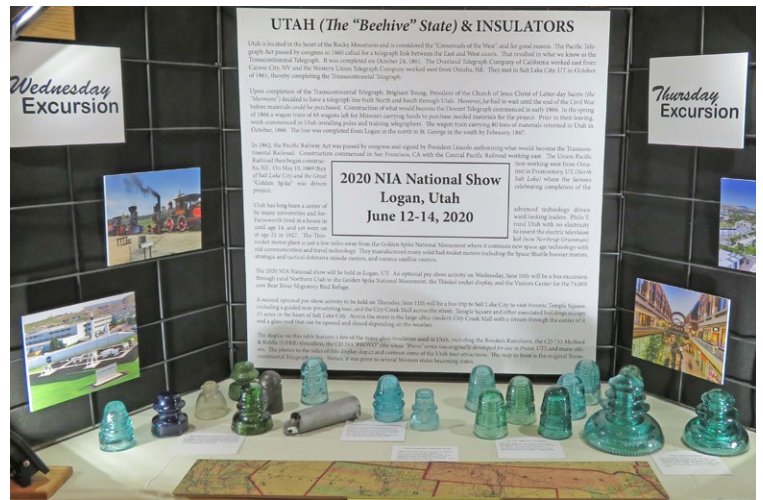
**"FROM THREADLESS TO THREADED-SEGMENTED 1845-1870"
DISPLAY BY: GRAHAM BARNES OF TITUSVILLE, FL (NIA #115)**

This display of rare glass shows the transition from a great variety of early threadless glass to Boston Bottle Works segmented threads.



**"CORNING GLASS WORKS - PYREX"
DISPLAY BY: GRAHAM BARNES OF TITUSVILLE, FL (NIA #115)**

This great display shows insulators made by Corning Glass works using Pyrex glass. Many carnival examples are included including a large and rare radio strain. This display won the Greater Chicago Insulator Club award for Best Exhibit Using Power Insulators.



**"UTAH (THE 'BEEHIVE STATE' & INSULATORS)"
DISPLAY BY: DON BRIEL OF PROVIDENCE, UT (NIA #7218)**

This creative display shows insulators used in Utah and information on the 2020 National Show

DISPLAYS (CONTINUED)



"PYREX BY CORNING INC."
DISPLAY BY: DARRYL WAGNER OF SMITHVILLE, MO (NIA #8671)

This cool display shows non pin type items made by Corning of Pyrex glass. It received the NIA Award for Best of Go-Withs and the Central Florida Insulator Club Award for the Best First Time Exhibit at a National.



"FOREIGN PORCELAIN"
DISPLAY BY: ERIC JOHNSON OF STUART, FL (NIA #5016)

This display shows worldwide porcelain and some glass. Some private issues were included on the back left.



"TOO COMMON TO COLLECT?"
DISPLAY BY: BILL HALEY OF CHATTANOOGA, TN (NIA #8696)

This display variety of markings and colors of Hemingray CD 152 & 154 styles. It won the following awards:

- NIA Award for Best of Show
- NIA Award for Specialty
- Milholland Educational Award
- N.R. Woodward Award for Best use of North American Glass
- Central Florida Insulator Club Award for the Best First Time Exhibit at a National



"CD 112 S.B.T. & T. CO. INSULATORS" - DISPLAY BY: ALAN COLBURN OF TITUSVILLE, FL (NIA #115)

This educational display shows the variety of markings and colors for this scarce insulator and received the NIA award for Threaded Glass.



"EARLY TELEPHONES" - DISPLAY BY: PAUL MIKULA OF OVIEDO, FL (NIA #7466)

This display showed a nice variety of early to more modern telephones and won the Central Florida Insulator Club Award for the Best First Time Exhibit at a National.



"WIRE NUTS MADE OF PORCELAIN" - DISPLAY BY: RICK SOLLER OF GURNEE, IL (NIA #2958)

This very unique display shows an amazing variety of porcelain wire nuts including markings and related information.



"MICKEY MOUSE INSULATORS" - DISPLAY BY: DOUG WILLIAMS OF OCEAN ISLE, NC (NIA #1221)

This colorful display shows the great variety of colors and markings on CD 257 Hemingray "mice". It received the NIA Award for General.



"MICKEY MOUSE" - DISPLAY BY: RICHARD CASE OF ROCKFORD, IL (NIA #82)

This display shows a variety of CD 257 Hemingray "Mickey Mouse" style insulators along with a set of commemoratives in the same style. It received the NIA award for Best of Color.

50th NIA NATIONAL SHOW



(CONTINUED)



EDITOR'S NOTE: SPECIAL THANKS TO BOB BERRY, DARRYL WAGNER, BILL MEIER, AND DAN GAURON FOR THE PHOTOS. 📷



2019 WESTERN REGIONAL SHOW

SHOW REPORT BY DOUG RUSHER * NIA #1773

Peggy Yuhas and Becky Bahny-Rusher did an outstanding job getting everyone checked in and ran the registration desk; they also helped John DeSousa with the silent auctions as well as the raffles for the 2 outstanding prints donated by Alan Reigler. I also want to thank Peggy's daughters Lori and Lesli for helping out on Saturday and especially Payton, Peggy's granddaughter for helping out with the raffles—the show would not have been the same without these very special gals. THANK YOU!!!!!!

I would really like to thank Justin Martin our Community Display Chairman, Mike Spadafora, Dario DiMare (who flew in a day early to help out), Dave Wysoski and Eric Zimmerman for helping Justin with this huge undertaking of Insulators of Montana—it was 18 feet of pure awe-inspiring insulators used in Montana: everything from CD735 Mulford and Biddles, CD 127 WU Patterns, breath-taking colored signals to a one-of-a-kind, 10-high Cochrane in its original wooden shipping crate!

And Mid Norris, our chief of security who did a great job, on making sure everything was safe and sound. And all the other folks who stepped up and helped pick up after the show (Don and Jeannie Briel, Robin Harrison, Blue Mex and the others who stayed and helped out) THANK YOU ALL.

And I can't forget my good bud Mike Green, our MC for the banquet—it was GREAT! And Ellen Baumler, our guest speaker for the banquet, THANK YOU!!!!

And most important are my two co-hosts that helped me make this show possible—it ran like a well-oiled machine and it wouldn't have been possible without Ron and Jay's help. So a BIG THANK YOU both for your help, support, planning and the late night calls making sure this would be a show to remember for a great while.

This hobby has some of the best folks you could ever meet and I just hoped everyone had a great time.

I also want to thank Alan Riegler for his generous donation of the two prints and all of the other folks who donated items for the silent auctions. Without your support we can't put shows on like this, so please take the time to donate to show hosts and let's keep this wonderful hobby going. 🐾



COMMUNITY DISPLAY: INSULATORS OF MONTANA BY JUSTIN MARTIN & HIS CREW



Just some of the beautiful insulators of Montana: note the CD735 Mulford & Biddle, the CD 127 WU Pattern, the colored signals, the colored beehives, not to mention the M-2335A Baby Gutter Top (one of two known, both from Philipsburg), the Cochranes, just to name a few from Montana.





2019 WESTERN REGIONAL SHOW

COMMUNITY DISPLAY



DISPLAYS



MIKE SPADAFORA'S DISPLAY



SEAN GREEN'S DISPLAY



GIL HEDGES-BLAQUEZ "BLUE MEX" DISPLAY



JAY BERNASEK'S DISPLAY



DON BRIEL'S DISPLAY

DISPLAYS



TERRY DROLLINGER'S DISPLAY



TRAVIS TUTTLE'S DISPLAY



DARRYL WAGNER'S DISPLAY



TIM DRUMHILLER'S DISPLAY



Everyone that displayed received a Muncie on a Montana Plaque from the show hosts, in appreciation for displaying



DISPLAYS

BEST OF SHOW & PEOPLE'S CHOICE WINNER: FREDDIE SMITH CANADIAN CD 102S





2019 WESTERN REGIONAL SHOW

SHOW FLOOR ACTION



ROSS BAIRD AND DWAYNE ANTHONY



JACK RIESSelman
DOUG RUSHER
JOHN DESOUSA
AND ELL BENNETT



DWAYNE GOING FOR A TIMEOUT



TWO OF MY LONGTIME BUDDIES RON JENKINS & JOHN DESOUSA



TIM WOOD AND HOWARD BANKS



ROSS BAIRD AND CHRIS HEDGES

2019 WESTERN REGIONAL SHOW



SHOW FLOOR ACTION



RON YUHAS CO-HOST SETTING UP HIS WARES



COMMUNITY DISPLAY CHAIR AND GREAT GUY JUSTIN MARTIN



MIKE, PAUL, DARIO, BILL AND BOB WATCH DWAYNE UNPACK SOME REAL BEAUTIES



JACK RIESELMAN'S TABLE



MAY AND COLIN JUNG



OUR WESTERN REGION VP MIKE DOYLE "I'LL TAKE IT"

SHOW FLOOR ACTION



DWAYNE ANTHONY'S TABLE



CHRIS HEDGES AND OUR NIA PRESIDENT STEVE ROBERTS



LINDA CONNELL AT THEIR SALES TABLE



ROGER AND BETH ZIESAK'S SALES TABLE



HOWARD AND LINDA'S SALES TABLE



SOME OF THE GREAT SIGNS THAT JUSTIN MARTIN HAD

SHOW FLOOR ACTION



JIM CUNNINGHAM'S TABLE



JUSTIN MARTIN'S SALES TABLE



GREAT COLOR



BILL RUSSELL HAD SOME GREAT ITEMS ON HIS SALES TABLE



TOM & LYNDA KATONAK



DENNIS & JEANNE WEBER'S SALES TABLE



2019 WESTERN REGIONAL SHOW

SHOW FLOOR ACTION



WIN AND BONNIE TRUEBLOOD



JIM BLOXOM AT HIS TABLE



BASE EMBOSSED CHESTER ON JACK RIESELMAN'S TABLE



DWAYNE ANTHONY'S TABLE



SOME OF DWAYNE ANTHONY'S SUPER PIECES



DENNIS & JEANNE WEBER

2019 WESTERN REGIONAL SHOW



AWARDS BANQUET



MUNCIE AWARDS FOR THE EXHIBITORS



DOUG RUSHER SHOW HOST KICKS OFF THE AWARDS BANQUET



THE EXHIBITORS ALL RECEIVED A MUNCIE ON CUSTOM BASE



DARRYL WAGNER PRESENTS FREDDIE SMITH WITH THE NIA BEST OF SHOW AWARD



RON YUHAS AKA ED MCMAHON AND MIKE GREEN AKA CARNAC GET THE BANQUET STARTED "THANKS MIKE"



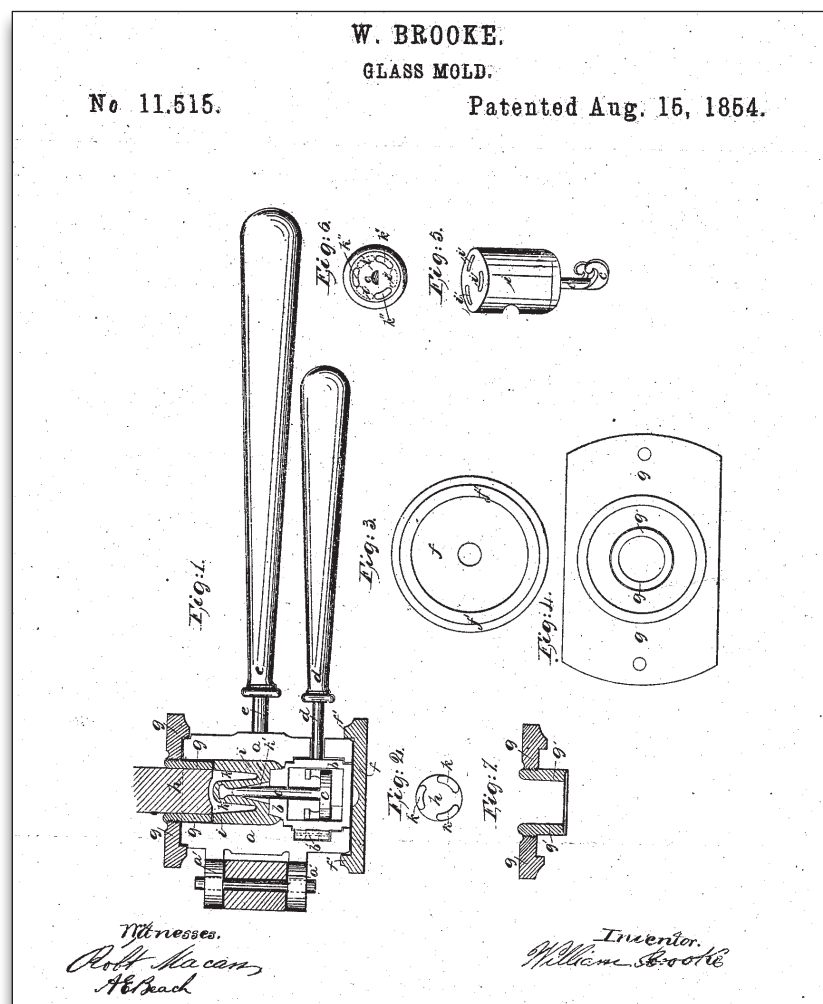
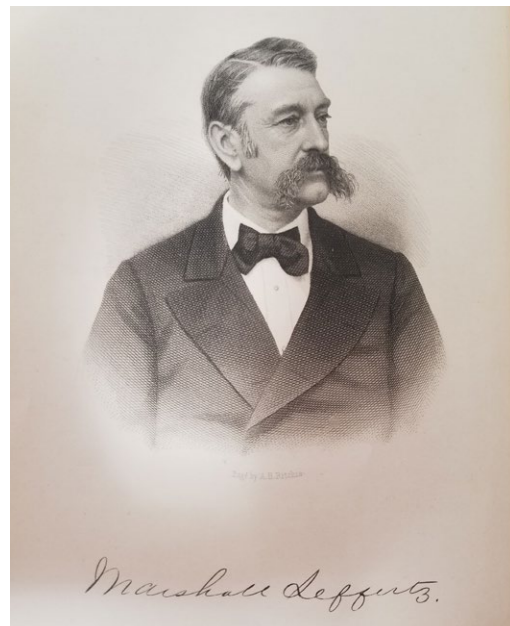
MIKE GREEN, DOUG RUSHER, RON YUHAS AND JAY BERNASEK

BY HOOK OR BY BROOKE... ELY'S COMING

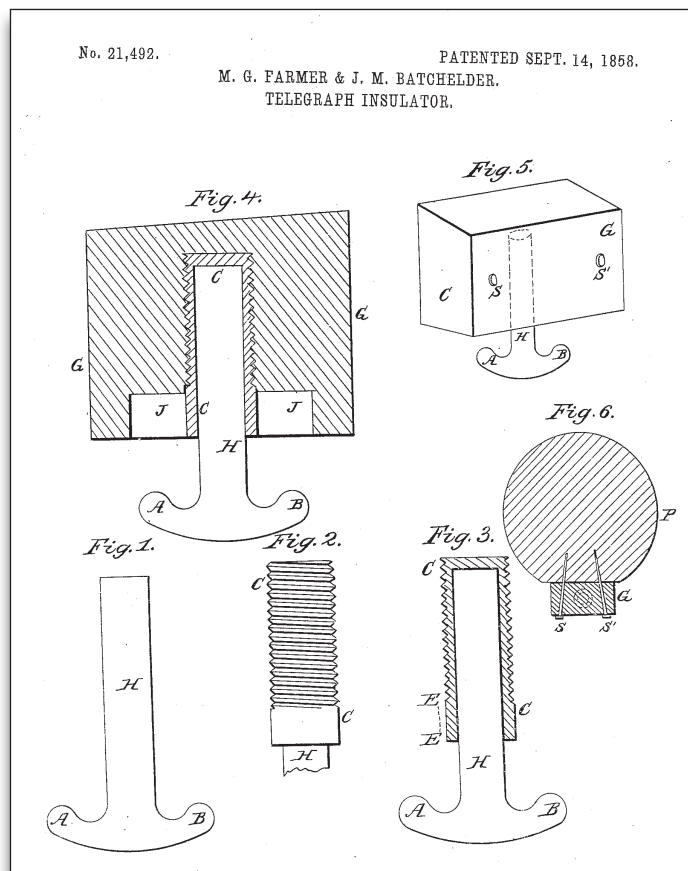
BY DARIO DIMARE * NIA #5302

I am now on my 52nd year of collecting insulators. As with most folks, my initial collecting was anything I could find. I dug dumps; probed and dug telegraph lines; climbed poles (with and without spikes); cut down abandoned poles; and used my 30 foot "unscrewer" to get stuff without climbing. I dug threadless and CREBs with equal enthusiasm. Eventually I was collecting CDs. When they got too hard to acquire I jumped on to threadless. I have been HOOKED on threadless ever since. So I thought I would share my passion and write a bit about HOOKS or RAMSHORNS, the weird threadless.

There was a recent post on the web of a "Lefferts" type HOOK or RAMSHORN without a HOOK and with the hole going all the way thru it. It forced me to LOOK in all my NOOKS and BOOKS for HOOKS. I gathered the insulators in my collection; dug into my library; and surfed the web for whatever I could find. Then I realized that most people would not even know why we call a Lefferts HOOK a Lefferts. They are not embossed Lefferts like other threadless. Lefferts did not hold the patent on them. However, Marshall Lefferts was very, very instrumental with the HOOKS and the telegraph lines that used them. Although Lefferts had many patents, and was involved in the manufacturing and distribution of the Lefferts HOOKS, Brooke held the 1854 Patent for the "Lefferts type" Glass Mold and Farmer held a few other HOOK patents.



ABOVE: MARSHALL LEFFERTS FROM "TELEGRAPH IN AMERICA"
LEFT: BROOKE 1854 PATENT "LEFFERTS TYPE" HOOK GLASS MOLD.
BELOW: FARMER & BATCHELDER 1858 PATENT ON HOOKS.

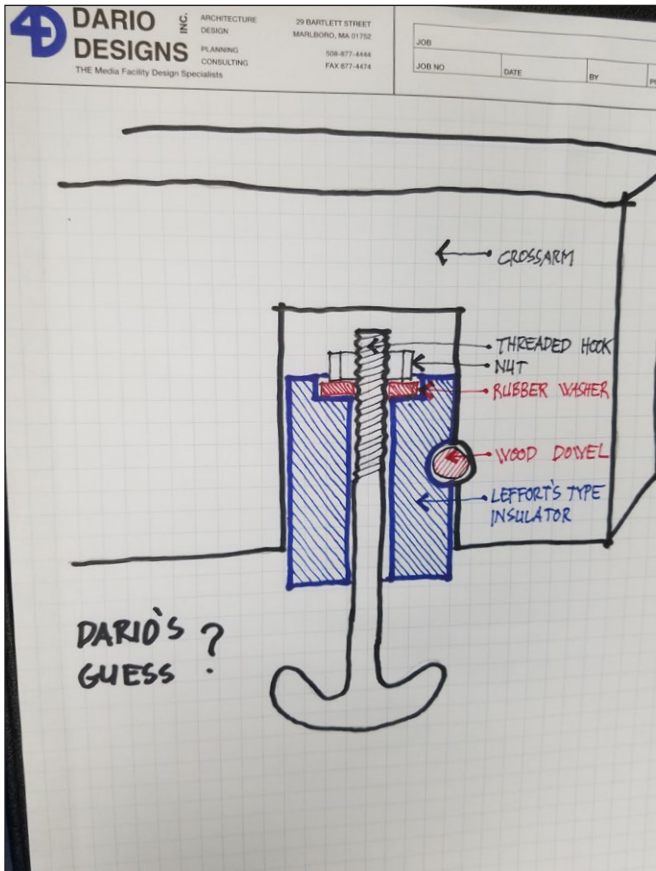


BY HOOK OR BY BROOKE... ELY'S COMING

(CONTINUED)

So is this insulator with “thru hole” a Lefferts HOOK type or not? My guess is yes. The one in my collection was dug in a privy with bottles from the 1850s and 1860s so the date was good. It was found on the east coast where many of the Lefferts HOOKS were used so the location was good. And it matched the one I saw in Springfield a few years ago. But I still cannot prove it 100%. This is an overview article with a lot of photos and illustrations on HOOKS. I will make an attempt to back up my assumption, but it is still only my best guess.

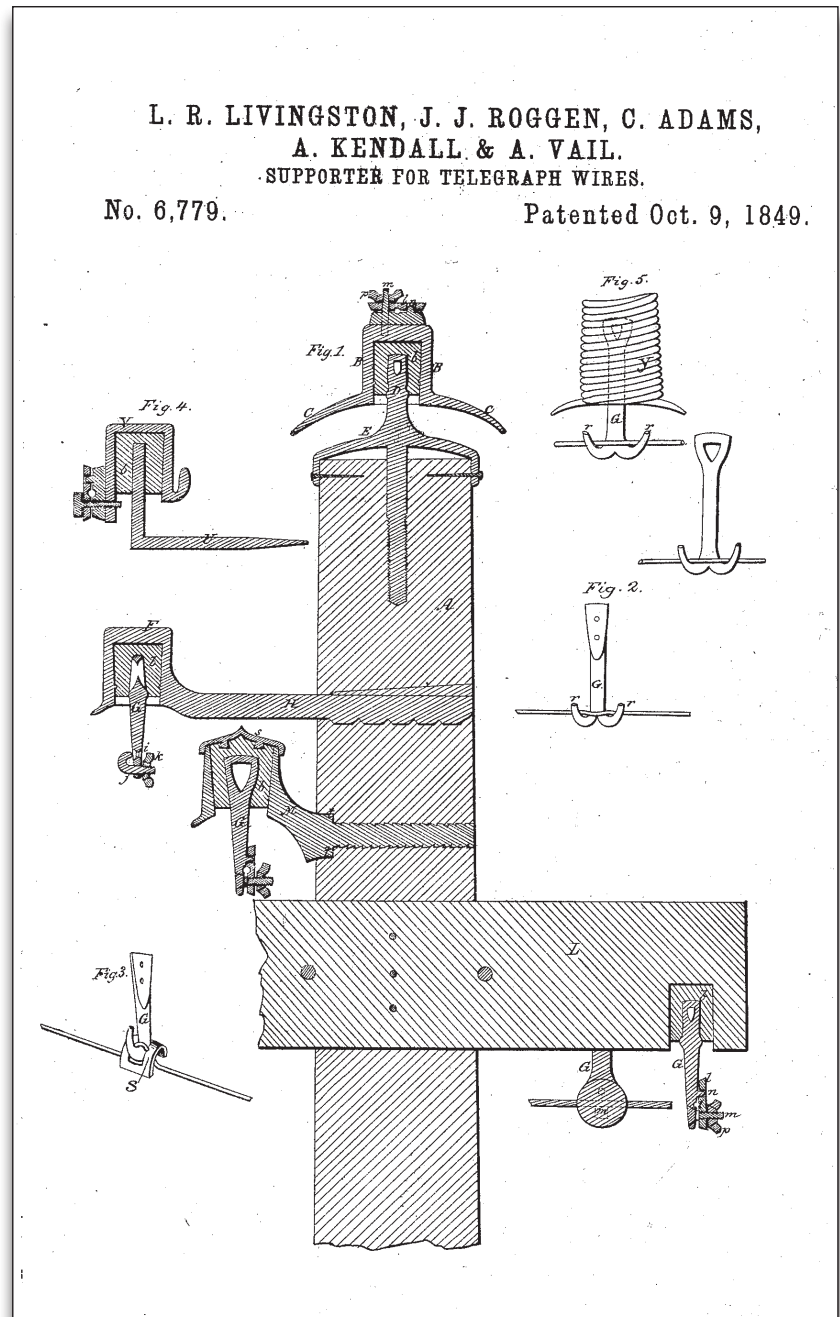
Hold your heart baby Ely's coming....



My initial guess was a nut at the top or a lag screw type hook that just screwed into the bottom of the cross arm being insulated by the Lefferts type HOOK. The glass had a dowel groove on the side to keep it from falling out like the other two know Lefferts HOOKS.

There are many types of HOOKS or “HOOK TYPE” insulators out there as can be seen from the above patents along with the next series of photos out of my collection. The last illustration shows glass HOOKS which is what I found most interesting.

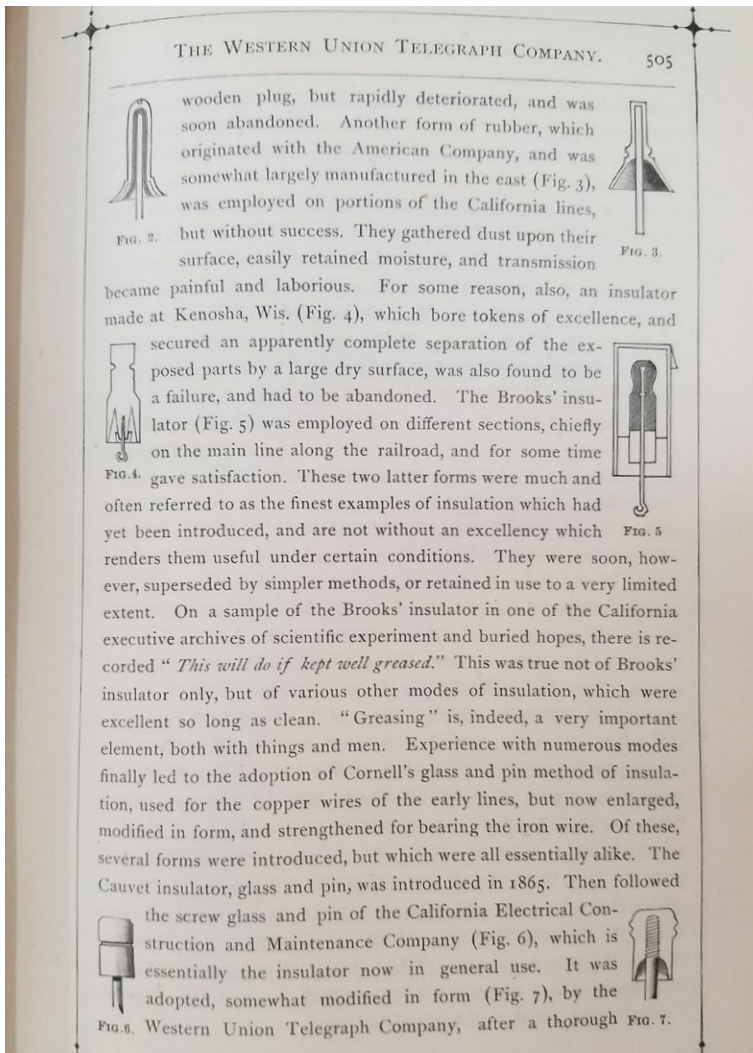
Ely's coming hide your heart.



ABOVE: LIVINGSTON, ROGGEN, ADAMS, KENDALL, & VAIL 1849 PATENT ON WHAT APPEARS TO BE HOOKS, SHANKS, & RAMSHORNS IS THE EARLIEST PATENT I COULD FIND ON HOOKS.

BY HOOK OR BY BROOKE... ELY'S COMING

(CONTINUED)



ABOVE, LEFT: MT. WASHINGTON RAMSHORNS, COMPOSITE OR RUBBER HOOKS, AND A KENOSHA, WI HOOK.

ABOVE: MT. WASHINGTON RAMSHORN, COMPOSITE OR RUBBER HOOKS, KENOSHA HOOK, AND A BROOKES PARAFFIN HOOK. THE KENOSHA GOT ITS NAME FROM KENOSHA, WI WHERE IT WAS MADE.

LEFT: 2 RUBBER THREADLESS, KENOSHA HOOK, BROOKS HOOK, CD 123 EC&M, AND CD 125 WU. YOU CAN SEE THE ACTUAL THREADLESS AND HOOKS IN SUBSEQUENT PHOTOS.

BELOW: COMPOSITION OR RUBBER HOOKS.



BY HOOK OR BY BROOKE... ELY'S COMING

(CONTINUED)



SERIES OF 1867 BROOKS PARAFFIN INSULATORS WHICH HAD A GLASS INSERT AND HOOK. YOU CAN SEE THE ACTUAL INSERT AND HOOK IN THE GLASS HOOK ILLUSTRATION ON THE FAR RIGHT OF THE TOP ROW. ALSO NOTE THE DIFFERENT EMBOSSINGS ON THE BROOKS PARAFFIN INSULATORS.



A FEW MISCELLANEOUS HOOKS AND WEIRD COMPOSITE AND RUBBER THREADLESS.



GLASS HOOKS:

This illustration contains some of my glass HOOKS with one block type insulator for comparative reasons only. It is a Yandell type block, not a HOOK. The cobalt without a HOOK and the short, clear HOOK pieces are the only ones I know of in the hobby. The clear hook at the upper right is a Brooks Paraffin insulator taken outside of the steel casing.

TOP SHELF: GOODYEAR SLEEVE, WIDE LEFFERTS, 2 MEDIUM LEFFERTS, 2 GOODYEAR SLEEVES, FLOATING HOOK LOOKING FOR A BITE, BROOKS PARAFFIN WITHOUT METAL COVER.

BOTTOM SHELF: UNKNOWN COBALT WITH A THRU HOLE, WIDE LEFFERTS, "NARROW LEFFERTS WITH THRU HOLE", 2 MEDIUM LEFFERTS, CLEAR UNKNOWN LEFFERTS TYPE, STRAIGHT SIDE, ROUND BLOCK (CD 1015, NOT A HOOK TYPE).

BY HOOK OR BY BROOKE... ELY'S COMING

(CONTINUED)



With this information some patterns started to arise. One thing I noticed was the size of the “dowel grooves”. The dowel groove is the horizontal groove on the side of the insulator which allowed a wood dowel to be inserted into the cross arm or block which secured the glass from falling out. I don't know why the groove varied in diameter, but they did. And to my knowledge, they are consistent within the various diameters of the insulators. There is an inverse relationship between the insulator diameter and the dowel groove diameter.

- The wide Lefferts have a 1/4” groove.
- The medium Lefferts have a 3/8” groove.
- The narrow, thru hole, Lefferts have a 1/2” groove.

All of the hook type insulators with side grooves have a recessed top. (Please note the photos of the glass HOOKS are shown upside down.) I am not sure if the recess was there to receive a rubber washer or some other type of gasket or stabilizing element, but they are pretty darn consistent.

The bottoms of the wide and medium diameter Lefferts HOOKS also have a recess. It is kind of like a skirt on a normal pin type insulator except it is narrower and shorter. I am not sure if this was for shedding water, but it too is consistent with the Lefferts type RAMSHORNS or HOOKS.



LEFT: 2 NARROW LEFFERTS THRU HOLES (SECOND PHOTO COURTESY OF DWAYNE ANTHONY). **ELY'S COMING....**



RIGHT: NOTE DOWEL GROOVE SIZES:
WIDE INSULATOR HAS A 1/4” DOWEL GROOVE.
MEDIUM INSULATOR HAS A 3/8” DOWEL GROOVE.
NARROW THRU HOLE INSULATOR HAS A 1/2” DOWEL GROOVE.

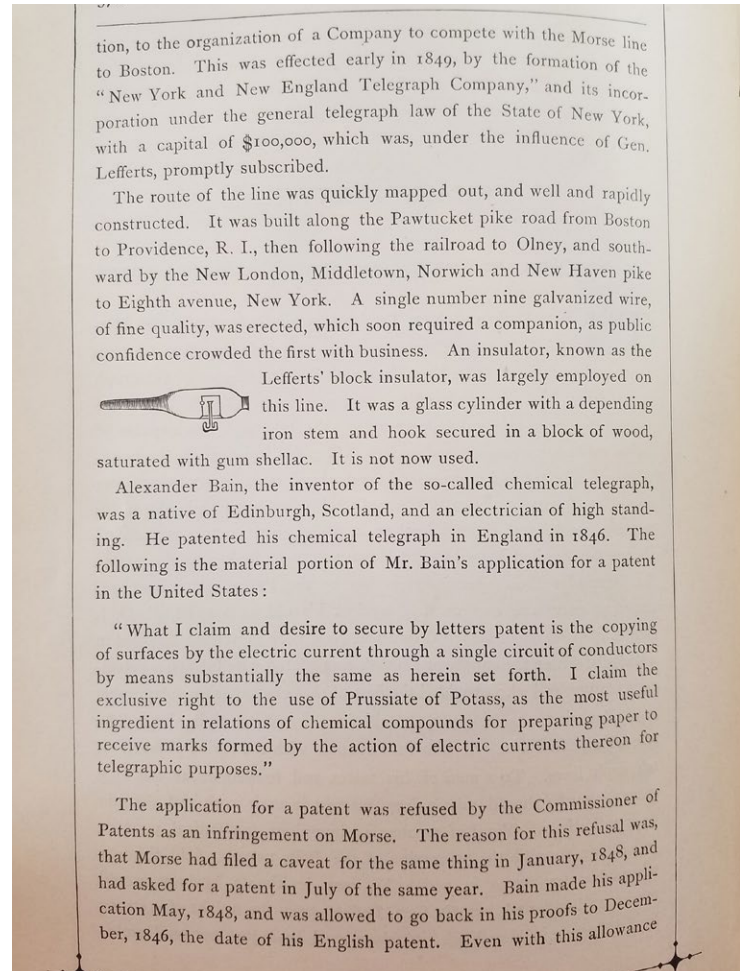
BY HOOK OR BY BROOKE... ELY'S COMING

(CONTINUED)



ABOVE: THIS IS AN 1860S PHOTO OF HOOKS IN USE ON DRUMSTICK ARMS AT A NEW HAVEN, CT RAIL YARD. THIS IS THE SAME TYPE OF CROSS ARM USED ON THE SHANK TYPE HOOKS WHICH HAD HOLES FOR TIE WIRES IN LIEU OF HOOKS

RIGHT: HOOKS IN BOOKS. THIS SHOWS THE DRUMSTICK CROSS ARM FROM NEW HAVEN AND MENTIONS THE ACTUAL LINE ROUTING THRU RHODE ISLAND AND CONNECTICUT. THIS IS THE SAME TYPE OF DRUMSTICK MANY OF THE SHANKS WERE FOUND ON.



268 CONSTRUCTION OF TELEGRAPH LINES.

In using the white-flint insulator, we should strongly recommend the use of wooden brackets for supports, instead of iron.

During the past few years a new material has demanded the attention of our telegraph managers, as a substitute for glass and other insulating substances, viz. bone-rubber. Some ten thousand miles of wire are insulated with this substance at the present time.

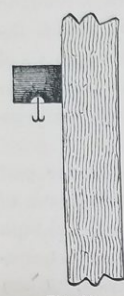


Fig. 81.

The form most generally used is that of a straight shank, terminated with a hook. The shank is of iron, covered with bone-rubber, upon which is cut a screw-thread, which is then screwed into a wooden block (Fig. 81), four inches square; the block is made fast to the posts by means of iron spikes. The wire is held by the hook, which depends from the under side of the block

This insulator has but one substantial fault, and that easily remedied, — want of insulating distance. There is but one inch of insulating distance between the iron hook and the wooden block, and, of course, during a heavy rain-storm this soon becomes covered with moisture, and the current escapes in large

quantities. In fact, with a good earth wire in our hands, and applying the tongue to the moist pole, we can taste the escape current within a few inches of the block.

A very large number of these insulators have been used upon the Northern and Eastern lines, and various expedients proposed to remedy the defect. One of them is a rather complicated arrangement, by which a glass cylinder is fastened to the hook, and the line wire tied to the glass. Besides being very easily broken, the glass is so filled and tied about with iron, as to afford scarcely any insulating surface.

We have proposed to remedy the defect of this insulator by simply increasing the insulating surface of the bone-rubber. Instead of having only one inch of insulating distance, let us have twelve. This can be done either by increasing the length of the shank, or by having the shank covered with a shield of bone-rubber. This would make a firm, durable insulator, giving twelve inches of insulating distance, six of which would be beyond the influence of descending moisture.

HOOKS IN BOOKS. THIS MENTIONS A STRAIGHT SHANK TERMINATED WITH A HOOK.

BY HOOK OR BY BROOKE... ELY'S COMING

(CONTINUED)

This line was free from the strife which caused so much outlay and injury on many other lines in the matter of insulation. The pin and glass in one form or another was the accepted style. Almost the sole exception to this was a plan adopted, to a certain extent, in an effort to

prevent the extensive breakage of insulators, but which was only partially successful. This was the employment of the hard rubber-covered hook and stem insulator in connection with an inverted glass saucer. The imperfect character of the rubber soon made the insulator worthless. Over a considerable portion of the eastern section of the line the upper wire was insulated with the House insulators, which had been removed from the abandoned poles of the Printing Company.

The success which attended the management of this Company was the occasion of a contract between Professor Morse and Mr. Kendall, of a somewhat unusual character. The value of the stock issued to Professor Morse was to be rated January 1, 1848, as of par value, if then earning 7 per cent over expenses. If earning 14 per cent 100 per cent additional was to be the status of value, and so, pro rata on a less or greater profit. Of the first \$100,000, thus valued, Mr. Kendall was to receive 10 per cent. On all other issues of that or other lines, Mr. Kendall was to share dollar for dollar with Professor Morse. This, with the allowance by Mr. Vail, for whom he acted as attorney, gave Mr. Kendall the largest interest in the Morse patent. This lifted him from a condition of almost utter poverty to affluence, and the wealth thus acquired was freely used by him to promote some of the finest charities which have ever benefited the sympathies of the human

HOOKS IN BOOKS. THIS SHOWS THE GOODYEAR SLEEVES. NOTICE KENDALL AND VAIL ARE MENTIONED.

its bed on its progress to the sea. I ought to add that my appeal was at once responded to, and the patentee reserved fund was ordered to be used for a new wire. The Board also sanctioned a thorough work of improvement, which included the reconstruction of a large portion of the line and the occupation of the route of the Pennsylvania Railroad from Harrisburg to Pittsburg. It embraced, also, part of the line between Lancaster and Philadelphia.

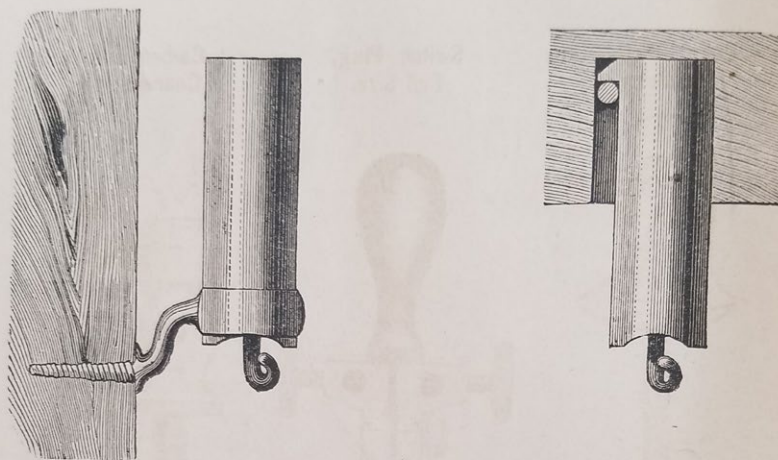
One night a number of us were at Paoli, a small station near Philadelphia. The material of the new line had to be distributed after midnight. The last train up was due at 12:15. As soon as it passed, we pushed our hand-car on the track, with material and five men. About half a mile from the station, John Reed, who was in charge, stopped the car and had it carried, with much labor, to the other track. He gave and had no reason for ordering it, and he was obeyed in silence. The car had not, however, proceeded a hundred yards on its way before a special locomotive, of great size, flew thundering past on the track just left. The thrill of horror which shot through the brain of the men, as they saw the danger they had escaped, for a time paralyzed all hands. None of them had ever been so near death.

One of the modes of insulation adopted for a short time, as a third wire became necessary over a part of the route, was as shown in Fig. 1. The glass was excellent, but the design imperfect. When the arm for two wires was first introduced, a cylindrical glass, Fig. 2, into which an

HOOKS IN BOOKS. A SLASH TOP & A NARROW LEFFERTS TYPE HOOK. THIS LOOKS THE MOST LIKE THE NARROW, THRU HOLE LEFFERTS WITH THE WIDE DOWEL.

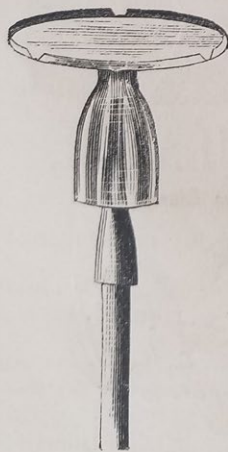
BUT WHAT ABOUT ELY?

SOLE AGENTS FOR Brooks' Patent Paraffine Insulator.



Prices, with Screw Shank..... 38c.
" for Cross Arms..... 30c.

ROBERTSON'S PATENT BATTERY INSULATOR.



The accompanying diagram exhibits the shape of

Robertson's Patent Battery Insulator,

placed upon a wooden pin, in the ordinary manner. The Insulator is composed entirely of glass. A rim will be noticed around the top, to prevent a cup placed upon it from sliding off. The Insulator can be easily cleaned, and as every part of it is visible there can be no defect. Its cheapness, durability and high insulating qualities commend it for general use.

PRICE 30 cts. EACH.

HOOKS IN BOOKS. THIS IS THE BROOKS PARAFFIN INSULATOR FOR SALE IN A TILLOTSON CATALOG ALONG WITH THE CD 64 ROBERTSON'S PATENT BATTERY REST.

ELY'S COMING....



BY HOOK OR BY BROOKE... ELY'S COMING

(CONTINUED)

OK you waited 3 Dog Nights. That's long enough, Ely's here. The next patent by A.B. Ely in 1866 shows a HOOK with the hole and HOOK going all the way thru the glass insulator. It is very similar to the cobalt insulator at the bottom left in the glass HOOK photo. The Ely HOOK is the closest thing I could find for the narrow Lefferts type with the thru hole and wide dowel groove. It was clearly stated that the hook screwed directly into the underside of the cross arm would stay dry and not conduct electricity. Notice this is the drumstick style cross arm. The clear HOOK on the lower shelf also fits in with the ELY Patent. So for right now, I am pretty convinced that the narrow glass, Lefferts type insulator with the hole going all the way thru and the 1/2" dowel groove is in fact an insulator and was most likely used in the fashion of the Ely patent. So from now on, I will call this the ELY HOOK. It is still just my guess for now.

60 MODERN PRACTICE OF THE ELECTRIC TELEGRAPH.

bracket and pole through the medium of a continuous stream of water.

93. THE WADE INSULATOR.—This is largely used in the Western States. Its construction is shown in Fig. 33.

A glass insulator, somewhat similar in shape to that last described, is covered with a wooden shield, to prevent fracture from stones and other causes, the wood being thoroughly saturated with hot coal tar, to preserve it from decay. The line wire is tied to the outside of the shield, in the same manner as when the glass insulator is used.

This insulator is usually mounted upon an oak bracket, as in Fig. 33, secured by spikes to the side of the pole or other support. When it is intended to be mounted upon a horizontal cross-arm it is placed upon a straight wooden pin, instead of a bracket. The pin or bracket is usually saturated with hot coal tar, in the same manner as the insulator shield.

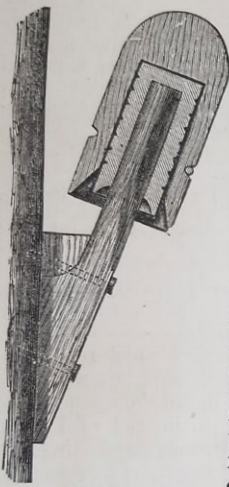


Fig. 33.




Fig. 34.

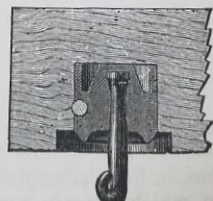


Fig. 35.

94. FARMER'S HARD RUBBER INSULATOR.—This is shown in Fig. 34. It is a good insulator when new,

HOOKS IN BOOKS. A WADE, A RUBBER HOOK, AND A WIDE LEFFERTS HOOK.



A. B. ELY.
Telegraph-Wire Insulator.
No. 56,542. Patented July 24, 1866.

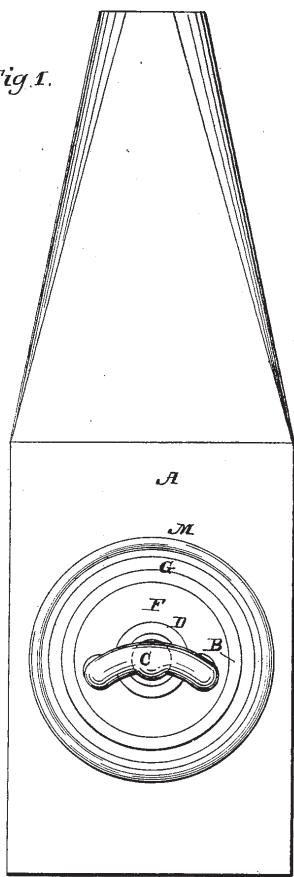


Fig. 1.

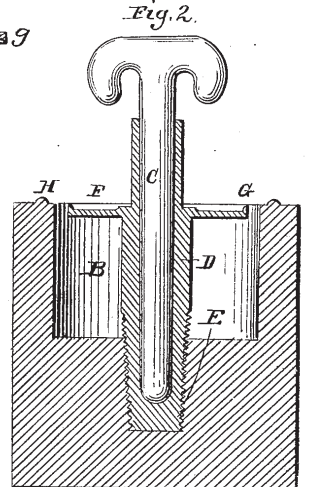


Fig. 2.

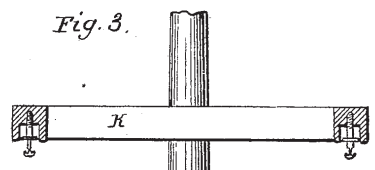


Fig. 3.

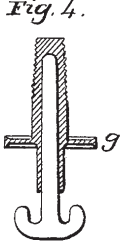


Fig. 4.

Witnesses:
J. P. Cayton
S. S. Schustock.

Inventor:
A. B. Ely
By
Baldwin & Son

ELY'S 1866 PATENT OF A HOOK GOING ALL THE WAY THRU THE INSULATOR AND SCREWING INTO THE BOTTOM OF THE CROSS ARM.

(CONTINUED)

UNITED STATES PATENT OFFICE.

A. B. ELY, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN INSULATORS FOR TELEGRAPHS.

Specification forming part of Letters Patent No. 56,542, dated July 24, 1866.

To all whom it may concern:

Be it known that I, A. B. ELY, of the city of Boston, county of Suffolk, and State of Massachusetts, have invented a new and useful Improvement in Insulators for Telegraph-Wires; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a plan view of my invention. Fig. 2 is a central vertical section of the same. Fig. 3 is a view of a cross-arm with my improvement at each end attached to a telegraph-pole; and Fig. 4 is a modification of my invention.

As ordinarily constructed, the telegraph-insulators in damp weather permit a film of moisture to extend from the hook that supports the wire to the pole, and this materially diminishes the volume of electricity and renders communication on long circuits uncertain; and it is the object of my invention to remove this difficulty, more especially in using the cheap pin-hook insulator.

My invention may be applied with equal facility to the common wooden bracket plugged into the pole, or to cross-arms secured to its side in any proper manner.

In the middle of the bracket A, near its outer end, I sink a hole, B, of suitable dimensions, in the center of which I insert the pin hook C, having a complete coating, D, of hard rubber or gutta-percha, glass, porcelain, or any other proper insulating material, upon which a screw-thread, E, is cut to hold it firmly in the bracket. On the lower portion of this I place a disk, F, of rubber, wood, or any suitable material, having a flange, G, for its perimeter. This flange may extend on both sides of the disk, as shown at *g* in Fig. 4, or the disk may be used with effect with a flange on one side only, or, indeed, without any flange at all; but it must be so placed on the hook as that at all times its lower edge shall not be materially above the edge of the hole in the bracket, thus operating as a means of inclos-

ing, or nearly so, the open hole or chamber; and it must be of a diameter sufficiently less than the hole, to leave a clear space between its perimeter and the bracket. A distance of a quarter of an inch, for example, would be found sufficient for all weathers.

Around the hole B in the bracket I place a flange, H, near or at the edge, and this flange may be of thin sheet metal or any cheap material, or it may be formed on the bracket itself. When the disked pin-hook is used this flange may be left off, but it is preferable as described.

The insulator thus constructed will in the dampest weather, even when long continued, effectually prevent the formation of any continuous film of moisture from the pin-hook to the pole, for whatever moisture accumulates on or around the hook will drop from the under edge of the flange on the disk without passing to the bracket, and the flange on the bracket will cause the moisture there accumulated to drop without passing to the hook. The result may be measurably attained without using the flanges; but I prefer to use them.

It is obvious that in applying my invention to the cross-arm K to support two lines of wires it is only necessary to duplicate the parts and place one on each end of the arm.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The flanged disk on the insulating-hook, when constructed and arranged, in reference to the hole in the bracket, substantially in the manner and for the purpose set forth.

2. The combination of the bracket and hole with the pin-hook and disk, arranged with or without flanges, substantially in the manner and for the purpose set forth.

In testimony whereof I have hereunto subscribed my name.

A. B. ELY.

Witnesses:
W. M. PARKER,
A. P. ROLLINS.

So this is where I am now on the ELY HOOK research. I will continue to dig into these, literally and figuratively hoping to find definitive information on them. The following photos will give you a little more detail on the glass HOOKS. If you have any questions, comments, or information please feel free to call me or email me. Thank you all for your interest in insulators. ▲

Dario Di Mare

617-306-2420

dario@dariodesigns.com



BOTTOM OF HOOKS 1 OF 4.



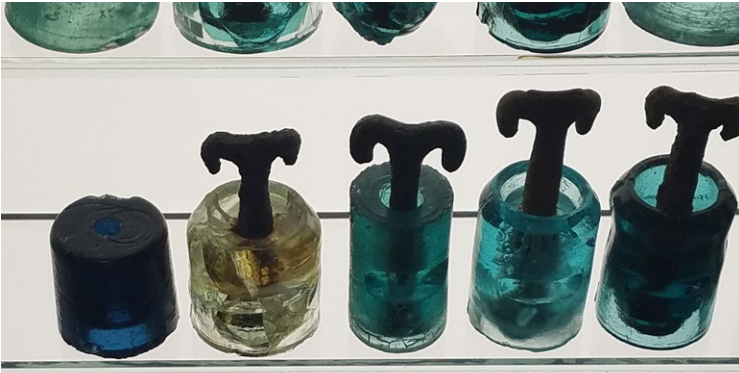
HOOK IN THE ELY.



BOTTOM OF HOOKS 2 OF 4.

BY HOOK OR BY BROOKE... ELY'S COMING

(CONTINUED)



BOTTOM OF HOOKS 3 OF 4.



BOTTOM OF HOOKS 4 OF 4.



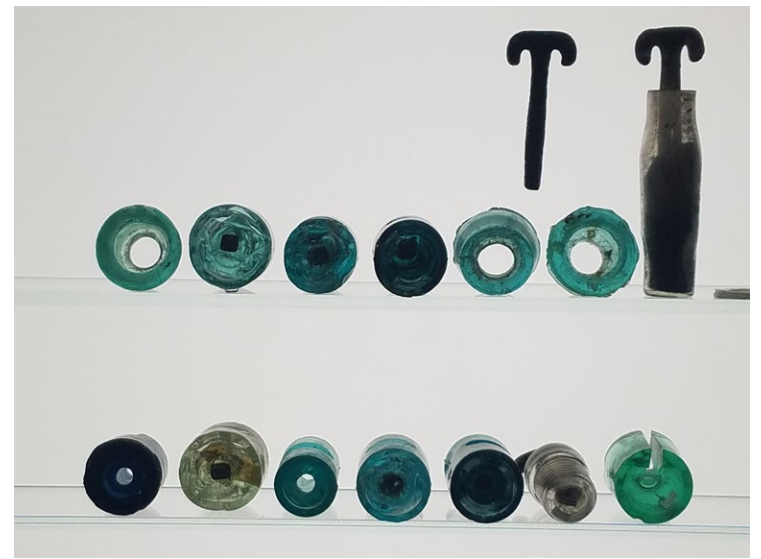
PROFILE OF HOOKS SHOWING DOWEL GROOVES.



TOP OF HOOKS 1 OF 2.



TOP OF HOOKS 2 OF 2.



HOLES IN HOOKS.

UPCOMING EVENTS

SEPTEMBER 2019 – OCTOBER 2019



SEPTEMBER 7–8, 2019 (Saturday-Sunday) ABBOTSFORD, BRITISH COLUMBIA, CANADA

The Abbotsford Insulator Show will be hosted at the home of Mark and Laura Schultz on September 7th and 8th 2019 Saturday and Sunday. Guests are welcome to arrive earlier in the week. Tables are provided but limited and a lunch will also be provided at 12:00 R.V. space is available but limited to around 5 or 6 units Hope to see you and bring lots of insulators. Mark Schultz 33911 Farmer Rd. Abbotsford British Columbia, Canada V2S7M3

SEPTEMBER 8, 2019 (Sunday) LAKEWOOD, COLORADO

TRIPLE RIDGE SWAP MEET AND BBQ Sunday, September 8th 10 AM to 3 PM 2513 S. Balsam St., Lakewood, CO 80227. Please bring a side dish or beverage. We will provide burgers and brats. Please also bring a table and chairs if you can. Let's have some fun!! Please RSVP to: Mike Green 303-549-5028 N2glass@centurylink.net or Sean Green 303-521-4157

SEPTEMBER 14, 2019 (Saturday) OTTAWA, ILLINOIS

The Greater Chicago Insulator Club's annual fall swap meet will return for the second time to the home of Tom and Mary Nugent although one week later than in previous years. Their home is located at 1999 N. Columbus St., Ottawa, IL 61350. Bring a table if you can. Free lunch. Club auction with Rick Soller taking bids. For more information or to RSVP, contact Tom at (815) 434-5157 or tnugent@ivnet.com.

SEPTEMBER 21, 2019 (Saturday) RICHFIELD, OHIO

The Western Reserve Insulator Club's 9th Annual 'Oktoberfest' Insulator Show at the Masonic Hall, 3750 Grant Street, Richfield, OH 44286 (near the southeast corner of Routes 303 & 176), 10:00 AM to 3:00 PM Free Admission. 8-foot Dealer Tables \$20. Dealer Setup 9:00 -10:00 AM, Bratwurst and Root Beer available for lunch. Contact JOHN HOVANEK 216-392-3622, email jrhovanec@ymail.com for details.

SEPTEMBER 21, 2019 (Saturday) HOUSTON, TEXAS

The Lone Star Insulator Club will host their 28th annual Houston Insulator & Collectibles show at the Houston Marriott South at Hobby Airport from 9 am to 4 pm on September 21, 2019. Free parking and admission! Contact show hosts Chris Renaudo (713-826-5923 or crenaudo@aol.com), Keith Brooking (979-245-2558 or keithbrooking@sbcglobal.net), or John Hall (281-851-6585 or jhall@ix.netcom.com) for more information or to reserve a table.

SEPTEMBER 28, 2019 (Saturday) ALBUQUERQUE, NEW MEXICO

Enchantment Insulator Club/New Mexico Historical Bottle Society 32nd Annual Insulator, Bottle, Barbwire and Collectibles Show and Sale. Elite Sports Academy, 501 Main Street, Albuquerque NM 87104. The venue is in historic Old Town ABQ and last year's dealers and attendees loved it! Show setup and dealer trading Friday afternoon & evening, September 27. Saturday September 28 public show hours 8:30 AM to 4:00 PM. Info: MIKE GAY (505) 480-0085. E-mail: cdn102@swcp.com

SEPTEMBER 28, 2019 (Saturday) BATH, ONTARIO, CANADA

Bath Antique Bottle and Insulator Show will be held Saturday September 28th from 9:30am to 2:00pm at 428 Main Street, in Bath Ontario Canada. Vendor costs are \$10 to set up, and tables are limited so reach out to loyalistcollectibles@gmail.com to secure your spot. Last year's event was a great success with great deals to be found!

SEPTEMBER 28, 2019 (Saturday) HEBRON, CONNECTICUT

The Yankee Pole Cat Insulator Club will be holding their 3rd annual fall swap meet at the home of Stan and Terri Mirecki on September 28. The venue is located at 173 East Street, Hebron, CT. The get together will be informal and fun and we ask that you bring your insulators and antiques as well as tables and chairs. Official hours are 8:00 AM to 2:00 PM, yet early birds and stragglers are welcome. There is ample parking and setup room in the side yard. Please park along the tree line and be cautious - the driveway is very long and narrow with room for one car at a time. Keep your appetites and a \$10 donation for a cookout lunch served around noon. Bring a dish if you would like. Please RSVP at least one week in advance if you are planning on having lunch so we can get an accurate head count for food preparation. Contact ZAC MIRECKI to RSVP for lunch or with any questions: (860) 916-9014 or zac.mirecki@yahoo.com.

OCTOBER 5, 2019 (Saturday) RIVER FALLS, WISCONSIN

The North Western Insulator Club invites you all to join us for the annual Fall Insulator Swap Meet and Show in beautiful River Falls, WI. Meet us at the Moose Lodge, 620 N Clark St and the hours are 9:00 AM to 3:00 PM. Admission and tables are free and lunch is available at the Lodge-please bring a dish to pass. Best Maid cookies-made in River Falls-will be out sweet treat of the day. An auction to benefit the club will be held at midday so bring merchandise to sell and be prepared to bid often and fast. For questions and to reserve your table, contact Mike Braun at mbraun61@yahoo.com or phone (715)426-0887. We'll see you in August!

UPCOMING EVENTS

OCTOBER 2019 – JANUARY 2020



OCTOBER 6, 2019 (Sunday)

CHELSEA, MICHIGAN

Annual Huron Valley Bottle and Insulator Club Show. Held at the Comfort Inn Conference Center, 1645 Commerce Park Drive, Chelsea, MI. (just north of I-94/M52 exit. Hours: 9:00 AM to 2:00 PM. Admission \$3.00, For more information or sales tables, contact Rod Krupka at (248) 627-6351 or Mike Bruner at abbott4girl@sbcglobal.net.

OCTOBER 26, 2019 (Saturday)

SHAWNEE, OKLAHOMA

I am very happy to announce that the 3rd annual PSIC swap meet will be held on October 26th in Shawnee, OK. Please bring your own table(s) and pop-up shade/rain cover as this will be held outside rain or shine! Please bring a dish and drink to share for the pot-luck lunch. PLEASE RSVP THE TOTAL NUMBER IN YOUR GROUP AND WHAT YOU WILL BE BRINGING FOR THE POTLUCK LUNCH TO brian@domeglass.com or call (620) 779-1741 WHEN: October 26, 2019 10:00 AM to 3:00 PM start 12 O'clock potluck lunch 12:30 PM club meeting WHERE: 20 Orlando Ct. Shawnee, OK 74804 WHAT TO BRING: Table, chairs, pop-up cover, insulators (for sale, trade, or show and tell), side or main dish, drink, etc. Sincerely, Club President Brian Riecker (620) 779-1741

OCTOBER 26, 2019 (Saturday)

GARLAND, TEXAS

The Garland Insulator and Collectibles Show will be held Saturday October 26, 2019 at the Springhill Suites by Marriott, 3251 E George Bush Turnpike, Richardson Texas 75082, (972) 479-0300. Show hours are from 8:00 AM to 4:00 PM with free parking and free admission. Dealer tables are \$35.00 each with setup Friday night from 6:00 PM to 9:00 PM and Saturday morning from 6:00 AM to 8:00 AM. For information contact Gary Fine (972) 414-9085 gfine102@aol.com or Mike Lyell (214) 681-0244 mikelyell@verizon.net.

NOVEMBER 1-2, 2019 (Friday-Saturday)

TULARE, CALIFORNIA

The 51st Annual Tulare Insulator and Collectibles Show will be held In Tulare, California this November 1st and 2nd, 2019. Over 80 dealer tables are available located in a large auditorium complete with a full-kitchen and plenty of parking spaces. Insulators, bottles, glassware, crafts, and much more can be found. Admission is free. Doors open Friday at 9:00 AM and close at 5:00 PM and on Saturday the hours are 9:00 AM to 3:00 PM Come to buy and browse. You won't be disappointed. For further information and location directions or to book a dealer table or two, please contact Bob Merzoian at (559) 359-2826 or bobmerzoian@mac.com.

NOVEMBER 1-3, 2019 (Friday-Sunday)

SPRINGFIELD, OHIO

The 49th Mid-Ohio Insulator Show will be held November 1-3 at the Clark County Fairgrounds, 4401 South Charleston Pike, Spring-

field, Ohio. Exit 59 off I-70. Show hours are Friday 3:00 PM to 6:00 PM, Saturday from 8:00 AM to 5:00 PM, and Sunday from 9:00 AM to closing. Info: CURT BOSTER email: cboster530@att.net or 614-301-5125 or LOIS BLAIR 740-852-3148. Additional info at: www.insulators.info/shows/springfield

NOVEMBER 16, 2019 (Saturday)

TOCCOA, GEORGIA

The Dixie Jewels Insulator Club's Fall swap meet, hosted by Tom, Mike and Casey Herron, will be held Saturday, November 16, 2019 from 8:00-4:00 in Toccoa, Georgia. The swap will be held at Mitchell Allen Memorial Hall, located at the historic Toccoa Depot and next door to the Currahee Military Museum. The Toccoa Depot was built in 1915 and is located beside the Southern Railroad which remains active to this day. The Toccoa Depot has been restored to its original appearance in 1940 and showcases the history of Toccoa and Stephens County, Georgia, along with many artifacts detailing the lives and experiences of the men in the 506th Airborne Infantry Regiment who trained for combat missions at nearby Camp Toccoa, made famous by the hit HBO miniseries, "Band of Brothers". Tours of the museum can be arranged for those interested at minimal cost. Around 15 tables will be available, so please contact Mike Herron before the swap to reserve your sales table. If all those tables are spoken for, plan to bring your own table. There is lots of room in the meeting hall and there will be a great assortment of insulators for sale. Admission is free and there is no charge to set up a sales table. Lunch will be provided and others are asked to bring a covered dish, dessert or drinks to complement the meal. Mark your calendars now for a terrific day of awesome insulators and fellowship in the beautiful mountains of Northeast Georgia. For more information contact MIKE HERRON at (706) 599-4705 or e-mail hern@truvista.net.

DECEMBER 8, 2019 (Sunday)

ENFIELD, CONNECTICUT

Yankee Pole Cat Insulator Club Annual "Beat the Snow" Insulator, Bottle, and Tabletop Collectibles Show and Sale. American Legion Hall, 566 Enfield Street (US Route 5), Enfield, Connecticut 06082. Show hall is 1 mile from Exit 49 of I-91 on the Connecticut/Massachusetts border. 20 minutes north of Hartford; 20 minutes south of the Mass Pike. Show Hours 8AM to 2PM. Dealer Setup 6AM to 8AM. Free Admission. 30+ sales tables as well as several displays. Free display space available. For dealer contracts, display information, or just general show questions - please contact JOHN RAJPOLT (203) 261-1190. E-Mail: rajpolt@earthlink.net

JANUARY 18, 2020 (Saturday)

MAITLAND, FLORIDA

The annual Central Florida Insulator Collectors (CFIC) and the Antique Telephone Collectors Association (ATCA) Show will be held January 18, 2020 in Maitland, Florida in the Germaine Bldg. located

UPCOMING EVENTS

JANUARY 2020 – JUNE 2020



at 220 W. Packwood. Sales tables are: First table is \$25.00 and each additional table is \$20.00.

Set-up is from 7:30 AM 8:00 AM. with the public allowed in at 8:00 AM. until 3:00 PM. There will be coffee and donuts for the dealers. There will be lunch concessions on the premises. This is a one-day Show and Sale held annually on the same weekend as the "Renninger's Antique Extravaganza" in Mt. Dora, Fl. which begins for "Early Buyers" on Friday, January 17th. For information and reservations contact: PAUL MIKULA, NIA#7466, 650 EAST CHAPMAN ROAD, OVIEDO, FL 32765. TEL: (407) 365-4686; EMAIL: wecoman@bellsouth.net

JANUARY 18, 2020 (Saturday) STRONGSVILLE, OHIO

Western Reserve Insulator Club's 21st Annual Winterfest / Swap Meet & Club Meeting at the Spyglass Hill Recreation Center, 13201 Compass Point Drive, Strongsville, OH 44136. Dealer Setup: 9:00 AM; Show Hours: 10:00 AM - 3:00 PM. Club Meeting and Lunch: 12-1:30 PM. There are no admission or table charges, but space is limited, so please contact us ahead of time if you plan to set up! Info/RSVP to JOHN HOVANEC (216)392-3622, E-mail jrhovanec@ymail.com

FEBRUARY 1, 2020 (Saturday) YUMA, ARIZONA

Grand Canyon State Insulator club (GCSIC) is happy to announce the 21st annual tailgater swap meet coming up in a few months (Feb 1st 2020). This will be the first year that Diane & myself have taken over as hosts of this well known event! This is one you don't want to miss! Last year we drew collectors from 10 different states (and Canada) from as far away as New York! We had 29 sellers with 36 tables and plenty of glass and porcelain to choose from. There were over 50 people in total that attended. Lunch will be served and is free (Donations are appreciated). The last 4 years, many of the collectors get together for dinner the Friday before the event. Over those four years the pre-festivities have grown to a group of over 20 people. This year we will try to locate a venue that can accommodate us a little better. Lunch will be served and is free (Donations are appreciated). Much more exciting info to coming the following months. The location is the same as always – Riverside Park Yuma Arizona. Take I-8 to exit 1 (8th st.) Follow 8th St to Prison Hill Rd, turn right at the top of the hill onto Levee Rd. For information contact: Daryl Stahler: dwstahler@gmail.com / 520-331-9498; Jim Harlow: harlowmcl1@gmail.com; Nathan Smack: ohiovalleyglassco@gmail.com

FEBRUARY 15, 2020 (Saturday) MILTON, GEORGIA

The Dixie Jewels Insulator Club's first swap of 2020 will be Saturday, February 15, 2020 from 8:30 AM - 2:00 PM at the Bethel Community Center, 2695 Hopewell Rd., Milton, GA 30004. Host will be Ralph Dean. Collectors are expected from 6-10 states. Free table set-up for DJIC members, \$5 for non-members. A noon meal will be provided. For more info, e-mail Ralph Dean at ralph.dean@att.net or phone (770) 361-8976.

APRIL 4, 2020 (Saturday) WHEATON, ILLINOIS

The Dupage Collectors Expo will be held Saturday, April 4th, at the Dupage County Fairgrounds, 2015 Manchester Road, Wheaton, Illinois, Hours are 9:00 to 3:00. Items for sale & trade include: Insulators, Lightning Rod items & Weathervanes, Telephone & Telegraph items, Bottles, Jars, etc. Info: BOB STAHR: bob@hemingray.com (630) 793-5345 and RICK SOLLER: com574@clcillinois.edu (847) 782-8602.

APRIL 4, 2020 (Saturday) WEST LEECHBURG, PENNSYLVANIA

Western Reserve Insulator Club's 20th Annual Allegheny Valley Insulator Show & Sale. W. Leechburg Fireman's Recreation Hall, 1116 Gosser St. W. Leechburg PA 15656. Show Hours 9:00 AM - 3:00 PM Dealer setup 7:30 AM. 8' table \$20. Info: RON BARTH 724-845-8439 rktbarth@windstream.net

MAY 16, 2020 (Saturday) MOUNTAIN HOME, NORTH CAROLINA

The spring Dixie Jewels Insulator Club swap meet will be held from 9:00-3:00 on Saturday, May 16, 2020 at the Mountain Home Fire and Rescue on U.S. Hwy. 25 in Mountain Home, North Carolina. Our hosts will be Fred and Sheila Pittman. This is always a popular location and collectors are expected from all over the southeast. Bring your own sales tables. Free set-up for DJIC members, \$5 for non-members. A noon meal will be served and side dishes and desserts are appreciated, but not mandatory. For more info e-mail Fred Pittman at trailat@bellsouth.net or phone (828) 768-5060.

JUNE 6, 2020 (Saturday) BERKLEY, MICHIGAN

The 3rd annual swap meet is up and running again, with a new location. The same day and time as the famous St. John Woods neighborhood garage sale. The location is only a 1 hour drive north of the Michigan/Ohio or Toledo boarder on I-75. Set up is free, please bring your own tables. Some food will be provided, not necessary but if you like, bring a dish to pass. Show location: 3518 Cumberland Rd Berkley MI, 48072, show time 9:00 AM to 3:00 PM Contact information: Curtis Erickson (248) 515-4612 crerickson1@gmail.com



JUNE 12-14, 2020 (Friday-Sunday) LOGAN, UTAH

The National Insulator Association's 51st Annual Show and Convention will be held at the Cache County Fairgrounds in Logan, Utah. The fairgrounds is located at 450 South 500 West, Logan, UT 84321. There will be plenty of dealer space and exhibit space plus a multitude of things to do in the area. Complete show information will be available in 2019 at the Orlando National and

UPCOMING EVENTS

JUNE 2020 – JULY 2021



subsequently online. Show Hosts are: DON & JEANNE BRIEL, (435) 753-5786, Don.Briel@comcast.net and ARNOLD & LINDA SMITH, (801) 829-3383, smithlrh@hotmail.com



JULY 2-4, 2021 (Friday - Sunday)
FARMINGTON, NEW MEXICO
 The National Insulator Association's 52nd Annual Show and Convention will be held at the McGee Park Convention Center in Farmington, New Mexico. The fairgrounds are located at #41 CR 5568, Farmington, NM 87401. There will be plenty of dealer

space and exhibit space plus a multitude of thing to do in the area. Complete show information will be available in 2020 at the Logan, Utah National and subsequently online. Your Show Host is TOMMY BOLACK, (505) 325-4275 or (505)325-7873. Co-Hosts are LOU HALL, (559) 284-4211, louhall@pacbell.net and MIKE DOYLE, (559) 303-4464, ustelco@gmail.com

Looking for Yellow/Green CD259



Mint is preferred, however not necessary. I'd be interested in anything you have. I'm also searching for this exact piece pictured here. It was sold originally in a 1989 Poletop Auction. It may have changed hands over the decades.

My Cell: **508-922-9713**
 Email: michaeldeloia_2@msn.com
 Please feel free to contact me.
 Thanks, Mike Deloia

THE UPCOMING EVENTS LIST APPEARS COURTESY OF:

<https://allinsulators.com>

TO SUBMIT AN UPCOMING INSULATOR SHOW:

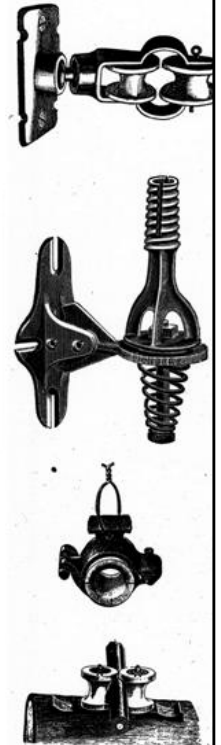
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Logan, Utah • June 12-14, 2020



Join Us for the First Ever National in Beautiful Utah!

Cache County Fairgrounds Event Center

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Show Times:

- Friday, June 12th (NIA Members Only) 8:00 am–4:00 pm
- Saturday, June 13th (open to public) 9:00 am–4:00 pm
- Sunday, June 14th (open to public) 9:00 am–2:00 pm

For more information, visit:

http://www.nia.org/shows/2020_national/

Proudly Presented by Your Show Hosts:

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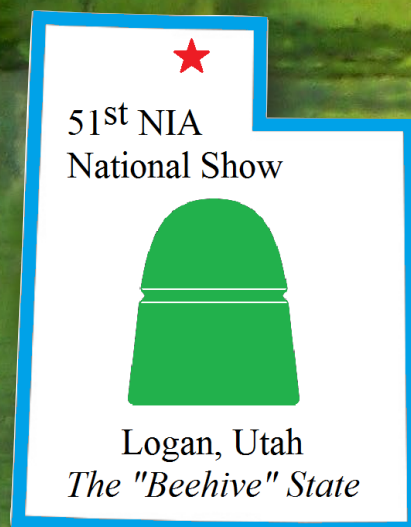
(435) 753-5786

Don.Briel@comcast.net

Arnold & Linda Smith

(801) 829-3383

smithlrh@hotmail.com



Pre Show Activities:

Wednesday, June 10, 2020

Bus trip to Golden Spike National Monument, Northrup Grumman (Thiokol) Rocket Garden, & Bear River Bird Refuge Visitors Center

Thursday, June 11, 2020

Bus trip to Salt Lake City's Historic Temple Square and/or City Creek Mall



Our Host Hotel is the Marriott SpringHill Suites

Enjoy the Local Area:

- American West Heritage Center (a working farm that depicts life in the early West): <http://awhc.org>
- Historic Logan Tabernacle tours and concerts
- Numerous antique shops
- Dozens of restaurants
- Stokes Nature Center in Logan Canyon: <http://logannature.org/>
- Wind Caves and other hiking in Logan Canyon: <http://loghiking.com/>
- Public pool and water slide across the street from the fairgrounds
- Park and small zoo on the south side of the fairgrounds
- Numerous fishing streams and reservoirs
- Cache Valley is about halfway between 5 national parks to the south with Teton and Yellowstone National Parks to the north.



For a long list of other attractions, visit:

http://www.nia.org/shows/2020_national/

SAVE THE DATE

2020

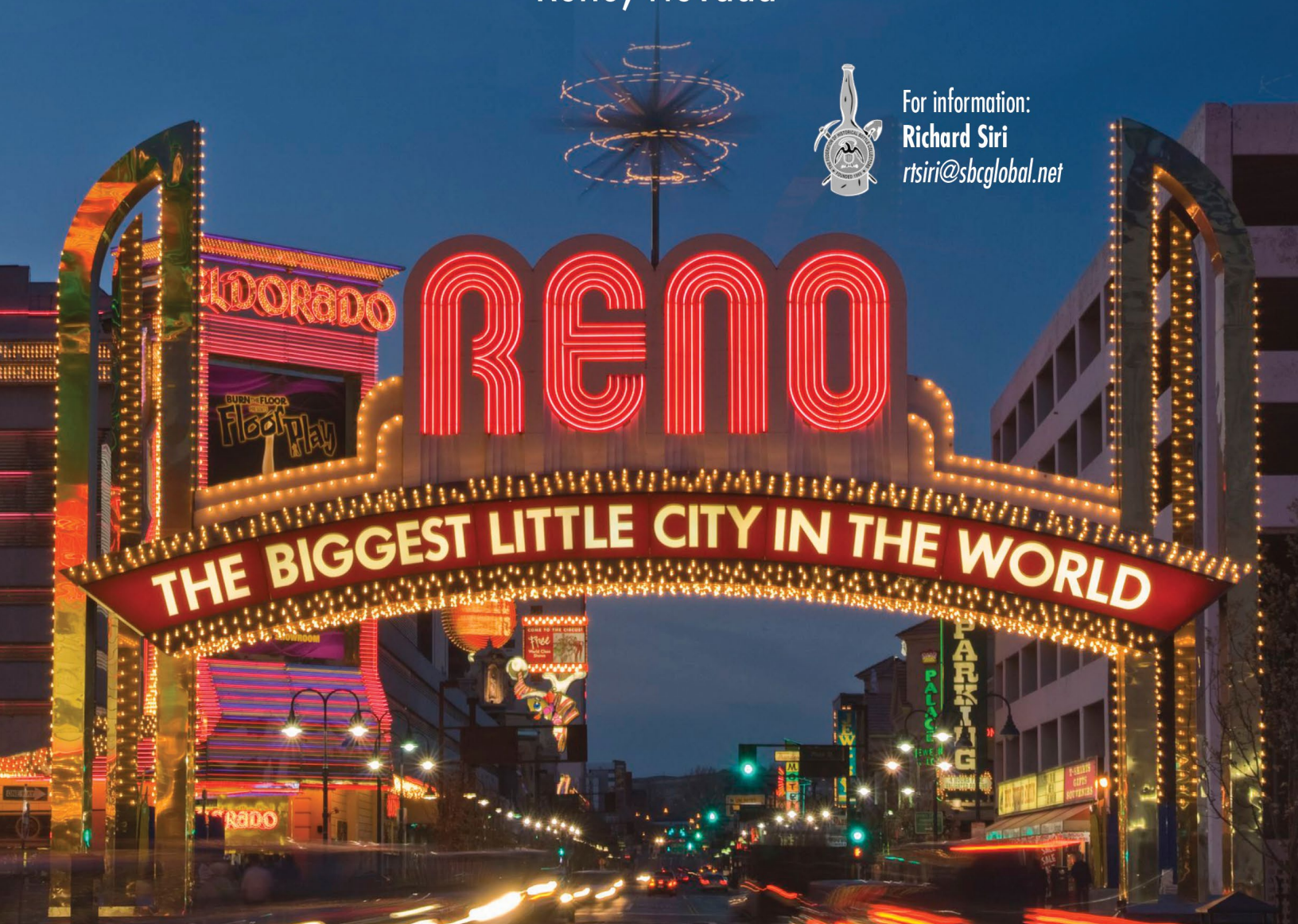
FOHBC NATIONAL ANTIQUE
BOTTLE CONVENTION

Thursday, July 30 - Sunday, August 2, 2020

Grand Sierra Resort & Casino
Reno, Nevada



For information:
Richard Siri
rtsiri@sbcglobal.net



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Help support the NIA's Drip Points by advertising. New rates below include discounts for multiple runs. We now offer classified rates also.

# of Issues	Covers*	Full Page (8" x 10")	1/2 Page (8" x 4.5" or 4.5" x 10")	1/4 Page (4.5" x 3.9" or 8" x 2.1")	1/8 Page (3.9" x 2.1" or 2.2" x 4.5")	1/16 Page (2.2" x 1.8")
1 Issue	\$135	\$90	\$50	\$30	\$18	\$12
2 Issues	\$257	\$171	\$95	\$57	\$34	\$23
3 Issues	\$379	\$252	\$140	\$84	\$50	\$34
4 Issues	\$497	\$331	\$184	\$110	\$66	\$44
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Classified Ads: 10 cents per word, 15 cents per bold word , \$2.50 min. Monthly						

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Please supply camera ready artwork; preferred file formats include: PDF, TIF, JPG, DOC, DOCX.

Ads can be designed for an additional fee (please contact Doug Rusher at admanager@nia.org.)

To receive the multi-issue discount, ads must run in consecutive issues with no changes.

Ads must be pre-paid. We accept PayPal (treasurer@nia.org) or checks payable to the NIA.

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To place an ad, send form with payment to:

Doug Rusher

3370 Chance Ct.

Helena, MT 59602

admanager@nia.org

**Thank you for your Support
of the NIA!**

DRIP POINTS Publishing Schedule			
Issue	Number	Deadline	Mailing Date
Spring	1	10-Feb	1-Mar
Summer	2	10-May	1-Jun
Fall	3	10-Aug	1-Sep
Winter	4	10-Nov	1-Dec

NEW FOR 2019

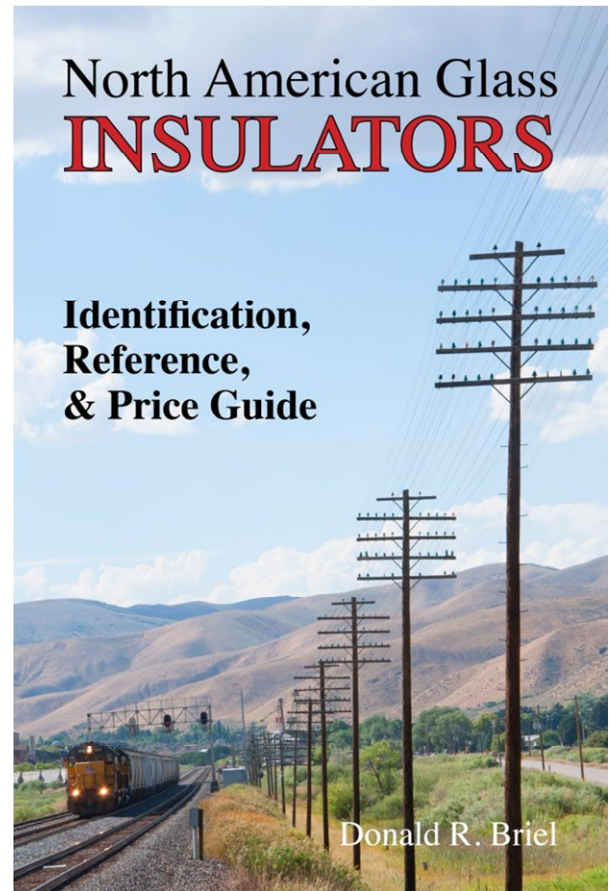
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JEFFREY MFG.CO. JOHNSON & WATSON JUMBO	CD 100.6 102 106 107 112.4 113

HEMINGRAY CD Drawings

CD 100 to 144: Side wire groove; Single petticoat

Visit: www.PriceGuideBrowser.com for a full demo

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Donald R. Briel

P. O. Box 188 • Providence, Utah 84332

Contact: Don.Briel@comcast.net or (435) 753-5786



National Insulator Association Scholarship Fund

**Attention young insulator collectors-
this scholarship is for you!**

Money for college \$1000/\$500 up to \$2000

Write a 300 word essay telling us how to spread the word about the hobby.

Go to <http://www.nia.org/scholarship>



Submission deadline is March 1

The Scholarship Application and Application Guide is available at:

<http://www.nia.org/scholarship/>



RAILRODIANA COLLECTORS ASSOCIATION, INC. ("RCAI")

America's Largest Organization Devoted to the Collection and Preservation of Railroad Artifacts

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To learn more about RCAI, to become a member, or download a recent issue of *The Railroadiana Express*, visit our website at:

www.railroadcollectors.org

ALL INSULATORS Crown Jewels of the Wire

The official magazine for insulator collectors since 1969



Spring 2019

March - April - May

For 50 years **Crown Jewels of the Wire** has been the leading publication for glass and porcelain insulator hobby news, history, articles with columns devoted to worldwide insulators, show reports, in-depth research articles, meeting announcements, photos and other insulator information. There is something for everyone who enjoys insulators!

Starting with the March 2019 edition, Crown Jewels has become a full-sized, 8.5" x 11", full color magazine that will be published quarterly.



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NIA members discount!

All NIA Members get a \$3 discount when subscribing or renewing.

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THE FOLLOWING CLUBS ARE CURRENT MEMBERS OF THE NIA



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3557 Nicklaus Drive
Titusville, FL 32780-5356
321-480-1800
bluebellwt@aol.com



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Bill Meier
103 Canterbury Court
Carlisle, MA 01741-1860
978-369-0208
icon@clubs.insulators.info



Chesapeake Bay Insulator Club
Larry Novak
12604 Eldrid Court
Silver Spring, MD 20904
301-680-8910
cbic@clubs.insulators.info



Lone Star Insulator Club
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15707 Brookforest Dr.
Houston, TX 77059
lsic@clubs.insulators.info



Greater Chicago Insulator Club
Bob Stahr
360 S. Kenilworth Ave.
Glen Ellyn, IL 60137
630-793-5345
gcic@clubs.insulators.info



Missouri Valley Insulator Club
Darryl Wagner
14615 NW Skyview Ave
Smithville, MO 64089
816-719-0801
mvic@clubs.insulators.info



Huron Valley Bottle & Insulator Club
Rod Krupka
2641 Echo Lane
Ortonville, MI 48462
248-627-6351
rod.krupka@yahoo.com



Triple Ridge Insulator Club
Dan Gauron
P.O. Box 1721
Colorado Springs, CO 80901
719-266-0181
danielgauron@yahoo.com

Do you represent a local insulator club or other related organization? Become an NIA Affiliated Club today! See next page to apply for or renew your membership.



Western Reserve Insulator Club
John Hovanec
13009 Ridge Road
North Royalton, OH 44133
440-237-2242
wric@clubs.insulators.info



NIA MEMBERSHIP & RENEWAL FORM

Prospective members may join the NIA at any time; however, the "membership year" begins on January 1st and ends on December 31st. New memberships issued within three months of the beginning of the new membership year (October – December) will be good for the following calendar year. New members are entitled to all membership privileges immediately upon acceptance by the NIA. **If you are joining the NIA during the months of January through September, your membership will expire on December 31st of this Calendar year.**

Submit payment (Payable to the "NIA" in U.S. funds) to:

Andrew Gibson
5997 Springwater Rd.
Dansville, NY 14437-9772
membership@nia.org

Check class of membership:

- _____ Single/Family Membership w/Electronic Drip Points..... **\$30.00** Single year _____
- _____ Single/Family Membership w/Printed Drip Points..... **\$40.00** Multi-year _____
- _____ Single/Family Membership w/both Electronic & Printed DP... **\$45.00**
- _____ Junior Membership (under 18) w/Electronic or Printed DP..... **\$ 5.00**
- _____ Club or Organization..... **\$50.00**

Check years of Payment:

Please Print Legibly

Or renew online at: <http://nia.org/membership/>

Name _____
 NIA # (if renewal) _____
 Address _____
 City _____
 State/Province _____
 Zip/Postal Code _____ (+4) _____
 Country (if not U.S.) _____
 Telephone Number _____
 E-Mail Address _____

Additional Family Members residing in the same household at no additional cost.

(e.g.: spouse, minor children or dependents)

Name	NIA # (if renewal)
1 _____	_____
2 _____	_____
3 _____	_____
4 _____	_____
5 _____	_____

(An e-mail address is required for electronic version of Drip Points)

Include me in an Annual Hobby Directory? On-Line: Yes ___ No ___ Printed: Yes ___ No ___
 Please include the following: USPS Address _____ Telephone Number _____ Email Address _____

Referred by: _____ **NIA #** _____

Signed _____ **Date** _____ **Amount Enclosed \$** _____

NIA MEMBERSHIP BENEFITS

Revised August 8, 2019

Connect to a worldwide network of over 1000 insulator collectors sharing information, history and the latest news on insulator collecting.

Receive electronic notification of upcoming events and current activity in your region of the country through the quarterly electronic distribution of the Drip Points Magazine (Also available in printed form).

Receive members only access to an enormous digital library of insulator catalogs, patents and insulator manufacturer history.

Find and meet other NIA members in your area for mentorship, visit & share collections and swap stories in person or on the NIA Facebook page.

Receive guaranteed early exclusive access to NIA National Shows to display, buy and sell insulators.

Compete for National Awards and Recognition for your displays, research and contributions to the hobby.

Start your own insulator reference library with the "NIA Resource Page", "Fake and Altered Insulators" and "What is an Insulator?"

Advertise your hobby passion through your complimentary NIA Decal, Membership Bars, Membership Card and free ad in Drip Points.

Use your membership to run for the National Insulator Association Board of Directors to shape the future of the hobby.

Contribute to a National Scholarship Program and financial support for NIA Show Hosts in your local area.

Continue membership to sustain these benefits and help raise the next generation of insulator collectors through your knowledge & engagement.

Note: The NIA Member Handbook is available on the NIA website (www.nia.org/membership/index.htm).
 Hard copies of the Handbook are available upon request to the NIA Membership Director (membership@nia.org).



MERCHANDISE

SHOW YOUR SUPPORT WITH CLOTHING, BADGES & MORE



Embroidered Logo T-Shirts

Hanes Adult T-Shirt, Embroidered logo on front

Colors: Smoke, Smoky Graphite, Sky Blue, Electric Blue, Aqua, Dark Cobalt, Lt Brown Amber, Med Amber, Rootbeer Amber, Lt Olive Green, 7 Up Green, Dark Olive Green, Yellow, Golden Amber, Oxblood, Deep Red Amber

Price: \$17 (S-XL) \$20 (2X-3X)

Color(s): _____ Size: _____ Qty: _____

Shirt Sizing Chart

S	32-34	XL	44-46
M	36-38	2X	48-50
L	40-42	3X	52-54

Special Orders: If you don't see a size or color that you'd like, contact us for availability and price.



Gildan Adult T-Shirt – Small logo on front, large logo on back



Screen Printed T-Shirts

Colors: Smoke, Smoky Graphite, Steel Blue, Peacock Blue, Dark Cobalt, Lt Brown Amber, Med Amber, Olive Amber, Rootbeer Amber, Apple Green, 7-Up Green, Olive Green, Yellow, Golden Amber, Flashed Amber, Oxblood

Price: \$17 (S-XL) \$20 (2X-3X)

Color(s): _____ Size: _____ Qty: _____



Button Down Shirt

Port Authority SanMar Blend, embroidered logo on front

Colors: Dark Smoke, Aqua, Cobalt, Lt Brown Amber, Yellow, Flashed Amber

Price:
Short Sleeve: \$32 (S-XL) \$34 (2X)
Long Sleeve: \$34 (S-XL) \$36 (2X)

Short or Long Sleeve: _____

Color(s): _____ Size: _____ Qty: _____



Hooded Sweatshirt

Gildan Adult Full-Zip Hooded Sweatshirt, embroidered logo on front

Colors: Medium Smoke, Cobalt

Price: \$32 (S-XL) \$36 (2X)

Color(s): _____ Size: _____ Qty: _____



Denim Button Down Shirt

Sierra Pacific, Short or Long Sleeve

Color: Aqua

Price:
Short Sleeve: \$33 (S-XL) \$36 (2X-3X)
Long Sleeve: \$36 (S-XL) \$39 (2X-3X)

Short or Long Sleeve: _____ Size: _____ Qty: _____



Crew Neck Sweatshirt

Gildan Adult Crewneck Sweatshirt, Screen print with small logo on front & large logo on back

Color: Smoke
Price: \$29 (S-XL) \$33 (2X)

Size: _____ Qty: _____



Un-Structured

Embroidered Caps

Colors (Un-Structured):

Smoke, Dark Smoke, Aqua, Cobalt, Lt Brown Amber, 7 Up Green, Olive Green, Yellow, Gold Amber, Flashed Amber, Pink, Oxblood

Colors (Structured with Mesh):

Khaki-Brown, Royal-White, Kelly-White, Red-White, Heather-Gray-Black, Royal, Cardinal, Gray-Charcoal-Black, White-Royal, Khaki-White



Structured with Mesh

Price: \$15.00 **Cap Type:** _____ **Color(s):** _____ **Qty:** _____

1 Insulator Caliper

Measures up to 7"
Plastic will not scratch insulators
Long outside & short inside jaws
Price: \$18 **Qty:** _____



2 20 oz. Copper-Lined Stainless Steel Tumbler

Yeti-like Stainless tumbler keeps drinks cold or hot for hours!
One color imprint (blue)
Price: \$25 **Qty:** _____

3 16 oz. Travel Tumbler

4 color imprint
Price: \$14 **Qty:** _____

4 NIA Collector's Patch

2 3/4" x 3 3/4" embroidered patch
Price: \$4 **Qty:** _____

5 NIA Window Decal (Color)

For outside car window - 4 1/4 x 5 3/4
Price: \$7 **Qty:** _____

6 NIA Window Decal (White)

For outside car window - 5 1/2 x 6 3/4
Price: \$10 **Qty:** _____

7 NIA Name Badge

Engraved; beveled edges;
Magnetic back
Price: \$12

8 Badge Bar

NIA or Club position, Club Bars,
Show Bars, Awards or Custom Bars
Price: \$4



9 Tote Bags

Sturdy with white screen print NIA logo - Dimensions: 12 1/2" W x 13 1/2" H x 8 1/2" D; 14" handles
Colors: Sapphire, Lt Brown Amber, Cobalt, Oxblood, Black
Price: \$8

Color(s): _____ **Qty:** _____

7 Name Badge Engraving Information:

Name _____ NIA# _____ City _____ State _____
Name _____ NIA# _____ City _____ State _____
Name _____ NIA# _____ City _____ State _____

8 Badge Bar Engraving Information:

Club Bar _____ Qty: _____ Line 1 _____
Club Bar _____ Qty: _____ Line 2 _____
Show Bar _____ Year _____ Line 1 _____
Show Bar _____ Year _____ Line 2 _____

Custom Badge Bars:

Contiguous U.S. Postage Rates:

- \$8.00 for the first item of clothing, hat, tumbler, tote or caliper & \$3.50 for each additional item in same group.
- Patches & Badge Bars \$0.75 ea.
- Decals & Name Badges \$3.75 ea.
- If patches, badge bars, decals or name badges are ordered with clothing, there is no additional postage for these items.
- For postage outside the Contiguous U.S., please contact us for a quote.

Subtotal: \$ _____
U.S. Postage: \$ _____
Total Enclosed: \$ _____

Please make check or money order payable in U.S. funds to the National Insulator Association.

Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____
Email: _____

Please send detached, completed form and payment to:
Margaret Wagner, 14615 Skyview Ave., Smithville, MO 64089
(816) 719-0802 • niaproducts@nia.org



NIA Donation Form

Name: _____ Date: _____
 Address: _____ Phone: _____
 City: _____ State: _____ Zip: _____
 Email Address: _____

Sponsorship Program: Sponsor an Insulator Manufacturer at the levels in the chart below or pick your favorite Insulator Manufacturer or favorite Embossing. Sponsorships on the chart are unlimited, unless someone chooses to double the donation amount and that will make it "Exclusive" for that calendar year. All Individual Manufacturers or Embossing's are "Exclusive" for the calendar year received and can be chosen for a donation of \$100.00. If you pick a Manufacture or Embossing that has previously been sponsored, you will be notified to choose another.

Donation Amount	Manufacturer for Each Level (circle choice)			Your Donation
	Glass	Porcelain	Threadless	
\$ 50.00	McLaughlin	Lapp	McMicking	\$
\$100.00	California	Pittsburgh	Lefferts	\$
\$150.00	Dominion	Ohio Brass	Mulford & Biddle	\$
\$200.00	Brookfield	Thomas	Chester	\$
\$250.00	Hemingray	Fred Locke	Tillotson	\$
Your preferred Manufacture or Embossing: _____				\$100.00 donation

Standard Donation Program: If you would prefer to make a gift or donation for the general fund or directed to a specific area, you can do so at the level of your choice.

Amount of Donation	Donation Level	Donation Area (circle one)
\$ 0.00 - \$ 49.99	Aqua	Scholarship Fund
\$ 50.00 - \$ 99.99	Green	
\$ 100.00 - \$ 249.99	Emerald	Educational Development
\$ 250.00 - \$ 499.99	Carnival	
\$ 500.00 - \$ 999.99	Amber	National & Regional Shows
\$ 1,000.00 - \$ 2,499.99	Peacock	
\$ 2,500.00 - \$ 4,999.99	Purple	Internet Technology
\$ 5,000.00 - \$ 9,999.99	Cobalt	
\$ 10,000.00+	Hobby Benefactor	General Fund

Other Donation area: _____ Amount \$ _____

Additional Information: _____

Amount Enclosed: _____ **Signature:** _____ **Date:** _____

All donors will be listed on the NIA website and any donors of \$50.00 or more will be listed in Drip Points

To say "Thank You" for your support, donors can receive the following: Choose or Decline

- Donations of \$100+ can choose an NIA hat Color: _____
- \$150+ can choose an NIA hat or NIA T-shirt Color/Size: _____
- \$200+ can choose an NIA hat & NIA T-shirt Color/Size: _____
- \$250+ can choose an NIA Button Down or Denim shirt Color/Size: _____

Please mail form and payment (payable to NIA) to: NIA Treasurer, Bill Rohde, P.O. Box 28, Colusa, CA 95932

For additional information regarding gifts to the National Insulator Association, Inc., please contact the NIA Development Committee, E-mail address: donations@nia.org. Your gift is deductible, to the fullest extent of the law. The National Insulator Association. www.nia.org is a 501(c)3 non-profit organization.





DONATE TO THE NIA

A REQUEST FROM THE NIA DEVELOPMENT COMMITTEE

Thank you for your support of the NIA!

Dear Fellow Collector,

The NIA is a 501(c)3 nonprofit organization and as such, gifts may be tax deductible. Gifts of support will help the Association improve existing benefits and services as well as create new benefits and services for members and those collectors who are yet to become members. Your gift will allow the NIA to continue its mission to encourage growth and public awareness of the insulator hobby through collecting, dealing and educational endeavors.

SPONSORSHIP PROGRAM: You can sponsor an Insulator Manufacturer or your favorite Embossing by donating at different levels. Sponsorships are for each calendar year. See the donation form for more information.

The NIA has identified four areas where donations will help create and enhance programs directed to that mission.

SCHOLARSHIP FUND: Currently the NIA can grant up to two scholarships totaling \$2,000.00 each year. Additional funding would give additional funds for future years; scholarship grants could be increased; or additional scholarships could be granted each year.

EDUCATIONAL RESOURCE DEVELOPMENT: There are projects that have been suggested but haven't been implemented for lack of funding such as the production of classroom video presentations, NIA traveling displays for use by learning facilities such as libraries, schools, museums and a Speakers Bureau. These are just a few of the new ideas for greater community awareness of our hobby.

NATIONAL & REGIONAL SHOW SUPPORT: The NIA has assumed a financial supportive role intended to assist National Show Hosts/Organizers in reducing their financial risk. With your donations the NIA could possibly increase advertising and promotional reimbursements, possibly provide all awards at National/Regional Shows and possibly provide financial assistance for Regional Shows.

INTERNET TECHNOLOGY: The desire for instant communication and information retrieval is with us and cannot be denied. For the association and the hobby to continue to grow it must have a strong presence on the Internet and social media. Donations in this area can help redesign the NIA web site, create videos for posting on social media, develop and present "live" shows including interviews, auctions and sales.

Please indicate on the remittance form the area that you would like your donation to be applied. If you choose to donate to more than one area, please indicate the dollar amount for each area. Each donation of \$10.00 or more will receive an acknowledgment and thank you letter from the NIA President. Every donor will be listed on the NIA website and any donors of \$50.00 or more will be listed in Drip Points. At certain levels, you may also choose a "Thank You" gift from the NIA. See the remittance form.

Please submit the completed remittance form along with payment (payable to the NIA) to: NIA Treasurer, Bill Rohde, P.O. Box 28, Colusa, CA 95932.

Your assistance in helping to sustain and grow the hobby is greatly appreciated. **Thank you!**

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2404 Mansker Dr.
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P.O. Box 188
Providence, UT 84332
1stpastpres@nia.org

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1805 E. Country Court
Visalia, CA 93292
westernvp@nia.org

Central Region VP

Darryl Wagner – NIA #8671
14615 NW Skyview Ave.
Smithville, MO 64089
centralvp@nia.org

Eastern Region VP

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816 Flintlock Ridge Rd.
Mechanicsburg, PA 17055
easternvp@nia.org

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Christian Willis – NIA #5185
P.O. Box 2797
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information@nia.org

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Andrew Gibson – NIA #2422
5997 Springwater Rd.
Dansville, NY 14437-9772
membership@nia.org

Secretary

Walt Baumgardt – NIA #8007
2 Dolphann Dr.
Tonawanda, NY 14150
secretary@nia.org

Treasurer

Bill Rohde – NIA #1219
P.O. Box 28
Colusa, CA 95932
treasurer@nia.org

NIA Advisors & Committee Chairs

Authentication & Classification Advisor

Paul Greaves – NIA #2685
8830 Benton Acre Rd.
Granite Bay, CA 95746
authentication@nia.org

Awards & Recognition Chair

Gene Hawkins – NIA #421
3847 North Prairie St.
Warsaw, IN 46582
awards@nia.org

Ethics Advisor

Daryl Stahler – NIA #8843
4622 N. Paseo Pitiquito
Tucson, AZ 85750
ethics@nia.org

Historian

Rick Soller – NIA #2958
4086 Blackstone Ave.
Gurnee, IL 60031
historian@nia.org

Commemorative Coordinator

Carolyn Berry – NIA #4336
1010 Wren Court
Round Rock, TX 78681
commemorative@nia.org

Research & Education Advisor

Lee Brewer – NIA #6695
2940 Airport Rd.
Chambersburg, PA 17201
education@nia.org

Development Committee Chair

Darryl Wagner – NIA #8671
14615 NW Skyview Ave.
Smithville, MO 64089
donations@nia.org

Product Manager

Margaret Wagner – NIA #8711
14615 NW Skyview Ave.
Smithville, MO 64089
niaproducts@nia.org

Rules & Procedures Advisor

Tim Wood – NIA #1099
9330 16th St.
Terrebonne, OR 97760
procedures@nia.org

Scholarship Committee Chair

Jeanne Briel – NIA #7595
P.O. Box 188
Providence, UT 84332
scholarship@nia.org

Drip Points Editor

Christian Willis – NIA #5185
P.O. Box 2797
Parker, CO 80134
publications@nia.org

Webmaster

Bob Berry – NIA #1203
1010 Wren Court
Round Rock, TX 78681
webmaster@nia.org

Events Committee Chair

Don Briel – NIA #7218
P.O. Box 188
Providence, UT 84332
show@nia.org

Special Projects Advisor

Michelle Armand – NIA #9757
491 Scarey Woods Rd.
Plaucheville, LA 71362
projects@nia.org

Finance Committee Chair

Bill Snell – NIA #2624
11427 E. Scarritt Ave.
Sugar Creek, MO 64054
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