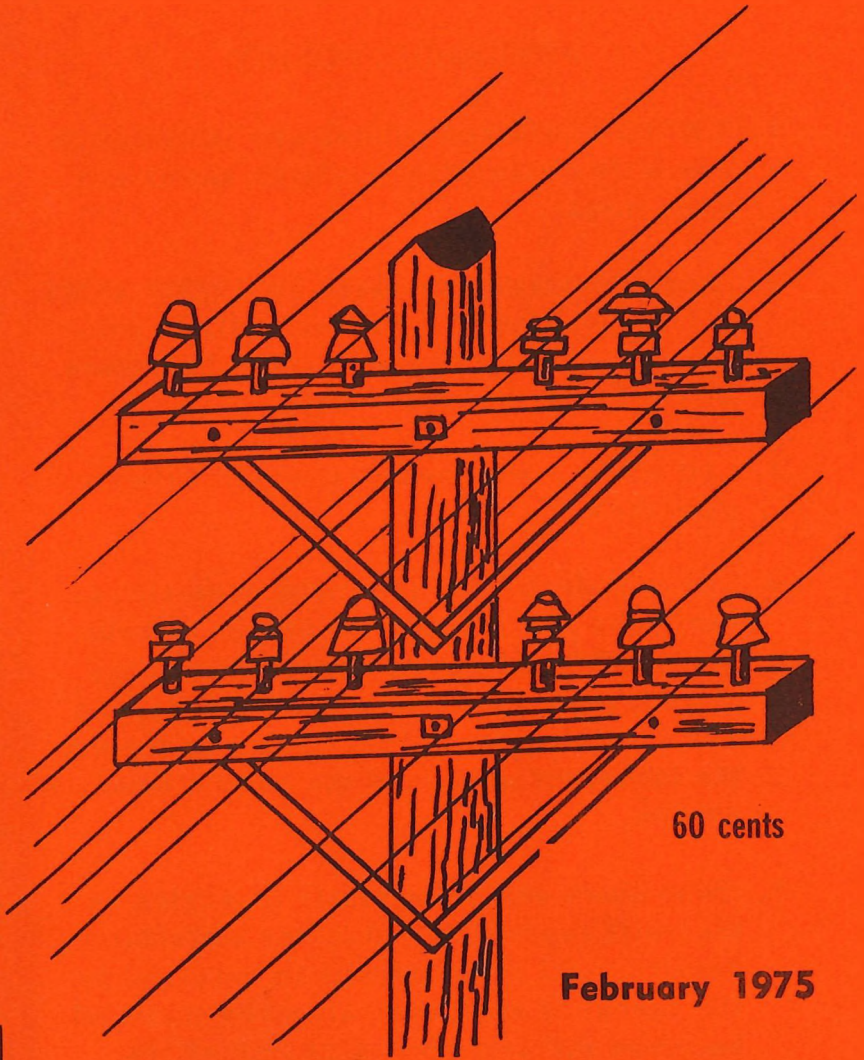


CROSS ARMS

an
insulator collectors'
magazine



60 cents

February 1975

BOX 117, R. D. No. 1, PAXINOS, PENNA. 17860

Telephone: (717) 672-9326

CROSS ARMS--dedicated to enriching the knowledge of the insulator collector, and enlarging the ranks of the insulator collecting hobby.

PUBLISHING POLICY

1. CROSS ARMS will publish any information available concerning insulator shows and swap meets.
2. Any information received by CROSS ARMS before the 15th of the month will be published and in the hands of our subscribers by the 5th of the next month.
3. All ads are kept confidential until they are published.
4. We will do our best to make sure all advertisers are reliable but cannot be held responsible for the validity of their copy nor for their performance. We accept no responsibility for errors except to reprint the incorrect portion of the ad in a later edition.
5. Send black and white prints or copies as they will reproduce with more satisfactory results. All material will be returned to the sender if specified, all other material becomes the property of CROSS ARMS.

CROSS ARMS

*an insulator
collector's
magazine*

Vol. 4, No. 1

FEBRUARY, 1975

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Junior Collector Section
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SHOWS AND SWAPS

FEBRUARY 1

Sparta, New Jersey

2nd Tri-State Insulator Show sponsored by Jim Bridges and Mike Issler at the United Methodist Church. Info: Jim Bridges, 35 Lakeview Rd., Sparta, NJ 07871.

FEBRUARY 23

Glastonbury, CT.

Yankee Pole Cat Insulator Club Spring Show at the K of C Hall, Route 94, 1 1/2 miles east of Route 2. Info: Charles Angevine, 41 Circle Dr., Windsor Locks, CT 06096.

MARCH 2

Washington Township, NJ

South Jersey's Heritage 5th Annual Bottle Show & Sale. Whitman Square Fire Hall, Johnson Rd., off Black Horse Pike. Info: Ward C. Campbell, Box 122, Glassboro, NJ 08028.

MARCH 8-9

Baton Rouge, Louisiana

Historical Bottle Assoc. of Baton Rouge Show & Sale, Bellemont Motor Hotel, 7370 Airline Hwy. Info: Bobby Kirkpatrick, 4926 Convention St., Apt. 3, Baton Rouge, LA 70806.

MARCH 15

East Bridgewater, Mass.

Bottle & Insulator Show & Sale, Square Acres Dance Hall, Route 106. Info: Fred Swiechowicz, 200 Warren St., Randolph, Mass. 02368.

MARCH 16

Joliet, Illinois

Louis Joliet Bottle Club Show & Sale, Holiday Inn South, South Larkin and I-80. Info: James Sutherlin, 1050 Waverly, Joliet, Illinois 60432.

MARCH 22-23

Perrysburg, Ohio

The 3rd Glass Capitol Insulator Show at the Lakevue Hall located at the intersections of US Rt. 20 & I-75. About 10 miles south of Toledo in historic Perrysburg, OH, Info: Jack Snyder, 244 Waggoner Blvd., Toledo, OH 43612.

MARCH 22

Vienna, VA

Potomac Bottle Collectors Third Annual Show & Sale. Vienna Community Center. Info: Kaye Johnson, 7722 Woodstock St., Manassas, VA 22110.

APRIL 5-6

Tulsa, Oklahoma

Tulsa Antique Bottle & Relic Club, Inc., 4th Annual Show & Sale at the Tulsa Garden Center, 2435 So. Peoria. Info: Rosemary Tarr, P.O. Box 4278, Tulsa, OK 74104.

APRIL 6

Lee, Massachusetts

Berkshire A. B. Assoc. Show & Sale, Lee High School. Info: P.O. Box 297, Lee, Mass 01238.

APRIL 12-13

Harrisonburg, VA

The Historical Bottle Diggers of VA Show & Sale, Harrisonburg Auto Action.

APRIL 12-13

³
Kingman, Arizona

Arizona's seventh collector's extravaganza at the Mohave County Fairgrounds, Fairgrounds Ave. Info: W. B. "Rip" West, 413 Monroe St., Kingman, AZ 86401 PH. 602-753-3650.

Any show wishing ribbons to award at their shows should send a request for ribbons to CROSS ARMS as soon as possible.

APRIL 12-13

Deland, Florida

The M. T. Bottle Collectors of Volusia County, FL, announces their 5th annual bottle and insulator festival to be held April 12 & 13 at the Volusia County Fairgrounds at the intersection of I-4 & State 44 east of Deland. Info: M. T. Bottle Collectors, P. O. Box 1581, Deland, FL 32720 (904) 734-8865.

APRIL 19-20

Syracuse, New York

Empire State Bottle Collectors Association Fifth Annual Bottle Show & Sale at the New York State Fairgrounds. Info: Bob Hilfinger, 128 Buckingham Ave., Syracuse, NY 13210.

APRIL 20

Milwaukee, Wisconsin

Milwaukee A. B. C. Show & Sale, Ramada Sands, 11811 W. Blue Mound Rd., 194 & Hwy 100. Info: Bob Jaeger, 2343 Met-to-Wee Lane, Wauwatosa, WI 53226.

APRIL 26-27

Rochester, New York

Genesee Valley Bottle Collectors Association 6th Annual Bottle Show & Sale. Insulators, LRB's, Bottles, Jars, Go-withs. Monroe County Fairgrounds, Rt. 15A. Info: Dick Bowman, 1253 LaBaron Circle, Webster, NY 14580. (716) 872-4015

APRIL 26

Moorestown, New Jersey

1st Annual New Jersey Bottle Festival. Moorestown Community House, 16 East Main Street. Info: Gene Bond, 15 East Camden Ave., Moorestown NJ 08057

MAY 10-11

Lubbock, Texas

Hub of the Plains 4th Annual Insulator Show. KO-KO Palace, 50th & Q. Info: Herman Jacobs, 2213-59th, Lubbock, TX 79412 (806) 799-4448

MAY 17

Moorestown, New Jersey

4th Annual Southern New Jersey Insulator Show,
Moorestown Senior High School, Stanwick and Bridge-
boro Rds., Info: Gene Bond, 15 East Camden Ave.,
Moorestown, New Jersey 08057 (609) 234-3926.

MAY 31

Fort Scott, Kansas

Fifth Annual Insulator & Barbed Wire Show, 4-H
Building at the Fairgrounds, 22nd & Horton. Info:
Schroadter, 912 S. Margrave, Ft. Scott, KS 66701.

JUNE 22

Washington County, PA

Washington County Bottle and Insulator Club Show &
Sale, Holiday Inn. Interstate 70, exit 4. Info: Bill
Cole, R.D. #1, Box 342, Carmichaels, PA 15320
(412) 966-7996.

JULY 11-13

San Diego, California

6th N.I. A. National Convention at the El Cortez
Convention Center, 7th and Ash. Info: Maury &
Addie Tasem, 519 Verdin St., El Cajon, CA 92021

SEPTEMBER 27-28

Grand Junction, Colorado

Western Slope Bottle Club will put on its 3rd annual
bottle & insulator show & sale in Grand Junction, CO
Info: Bill Ellicot, 3289 E 1/2 Rd., Clifton, CO 81520'
(303) 434-6393.

SPECIAL NOTICE TO SHOW MANAGERS & DISPLAYERS

Please be advised that for the next eight months a
copy of the Brookfield Catalog will be donated for
the best Brookfield Display at each show. Show
managers please request in plenty of time for mail-
ing if you will have a Brookfield display.

MARION MILHOLLAND
RT. 2 BOX 368
SEQUIM, WA 98382

SECURITY IS A LIGHTNING ROD

by Dick Daugherty

Early in 1890, when farmers were being suckered into lightning rod contracts that were out-and-out swindles by traveling agents, local newspapers in the farm areas were carrying headline stories such as "Lightning Rod Sherpers Are Working This Vicinity - Look Out For Them!"

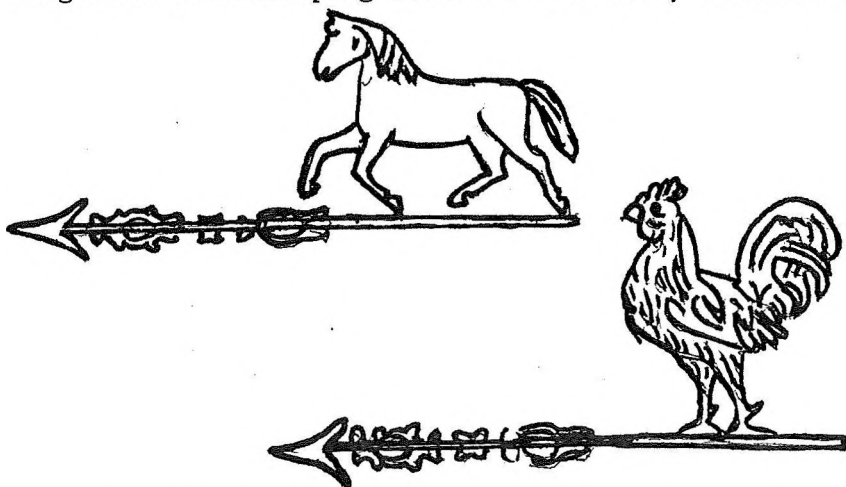
The product may have been good but sales trickery and outrageous pricing were common "fast buck" practices that hardly enhanced the general reputation of lightning rod people in those times.

An exception was Harvey Simpson. Known as a square shooter, Simpson was a lightning rod man from Kenosha who canvassed the area around Burlington, Wisconsin. He resented and opposed questionable methods by hoodwinkers in the field he had chosen for his lifework.

He organized a lightning rod manufacturing company in August of 1892 and named it SECURITY LIGHTNING ROD COMPANY of Burlington, Wisconsin. Simpson was an inventor of rod parts and his drive to constantly improve lightning rod equipment led him to have four patents approved for equipment and these patents have always remained the sole property of Security.

His first workshop and plant was in a barn at the rear of the property of his home on Pine Street in Burlington. With high hopes of erecting a copper mill at a later date, the first rods were made by a Torrington, Conn. company and were shipped to Burlington to be "fitted and finished". This fitting and finishing included the chore of adding the weather-vane to the upright rod. No company ever offered finer weathervanes than those found in Security's catalog. The vanes supported an artistic cow, horse,

bull, hog, rooster, dog, sheep, Tin Lizzie, or some comical figure. These were stamped for Security by Friedley-Voshardt Company of Chicago, the world's largest metal stamping concern. Friedley-Voshardt



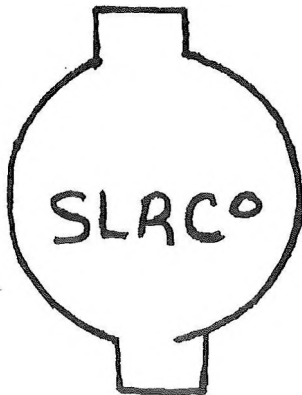
Drawings of Friedley-Voshardt weathervanes

took such pride in its work that when it finally went out of business, it intentionally destroyed the original dies for the vanes rather than let them fall into an outsider's hands. A Security customer could order his weathervane in plain black. At extra cost, he had the option of having it gold-leafed, inside and out, not only for beauty's sake but to make it practically indestructible by rust. Enough customers ordered the gilded treatment to keep two Security workers employed at gilding full time. It was fascinating to watch these fellows at work. Both of them wore their hair long and bushy - on purpose. They would pass a camel's hair brush over their hair to pick up magnetic electricity. Then with the most careful movement of their hands they used the statically charged brush to lift an incredibility thin sheet of gold leaf to transfer it to the weathervane. It was painstaking work and it took an exceptional man to

muster the patience and dexterity for it. In the early 1900's when their larger plant was constructed, a bank type vault was installed. The main purpose of the vault was not to safeguard records, but to serve as Security's own Fort Knox for the gold leaf the company kept on hand.

Security had only one glass ball for their lightning rods that was made specifically for them. It

was a 4 1/2" round ball with unusually tall necks. It was embossed SLRCo. The embossing on most of the balls was very faint and to find a heavily, clearly embossed SLRCo



ball is a rarity. These balls were made for and used by Security from 1892 until 1923. They are known to be in the colors of white milk glass, blue milk glass, amber, clear green, red, and shades of blue ranging from light blue to a dark cobalt blue. Security used other glass balls but these were of the unmarked variety from standard molds from the glass companies. The SLRCo was Security's own mold and used only by them.

In 1923 the name of the company was changed to Security Manufacturing & Contracting Company. It is still in business today with descendants of the original founders still running the business and trying to live up to the ideals that its founder, Harvey Simpson, insisted on - "A lightning rod system is just as efficient as the parts and sections from which it is made up and as reliable as the trained agents

who install them...after all, we are in this business to stay." And their continuous operation proves that Simpson had the right idea.

Submitted by:
Dick Daugherty
Las Vegas, NV
NIA Member #19

CROSS ARMS is entering into its 3rd year of publication. At this time we wish to thank every collector who has helped us by subscribing - submitting information - asking questions - placing ads and answering other ads.

We are here to help the beginner and the average collector as well as assist the advanced collector. Through the years we have made numerous friends by "telling it like it is." Of course, we have had some collectors who don't agree with our editorial comments, but that's what makes insulator collecting so great. Our kitchen has been the scene of many heated debates and phone calls--but in the end, everyone is satisfied and we hope we are doing our little part in helping the hobby move up and ahead.

James Garrity
Your Editor

PATENT INFORMATION

BRADLEY A. FISKE AND SAMUEL D. MOTT OF NEW YORK, N. Y. Specification forming part of Letters Patent No. 286, 801, dated October 16, 1883.

Be it known that we, . . . both citizens of the United States and residents of the city, county and State of New York, have invented certain Improvements in Electrical Insulators. . . .

Our invention relates to that class of insulators for electric-circuit wires wherein the amount of contact of the wire with the insulator is decreased by causing the encircling wire to rest on narrow supporting ribs or beads on the insulator-body. . . .

In our invention we seek to avoid the liability to injury of the supporting-ribs by forming them below the level of the general surface of the insulator-body, as will be hereinafter described.

In the drawings which serve to illustrate our invention, Figure 1 is a side elevation of our improved insulator as adapted to telephone-wires. . . . Fig. 2, is a transverse section of the same on line 22 in Fig. 1. Figs. 3 and 4 are sectional views, similar to Fig. 2, illustrating modified forms of the supporting-ribs.

We can best explain the construction of our insulator by describing how one may be formed from any suitable material. Take a cylindrical or substantially cylindrical piece of the material and cut a circumferential groove around the same to receive the wire. Then hollow out the material at intervals across said groove, so as to leave a number of ribs or supports for the wire to rest on, the hollows or cavities being between the ribs. . . .

(No Model.)

B. A. FISKE & S. D. MOTT.

INSULATOR.

No. 286,801.

Patented Oct. 16, 1883.

Fig. 1.

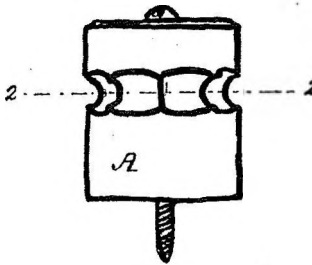


Fig. 2.

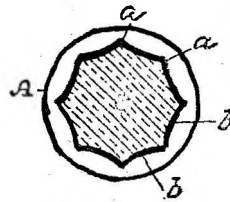


Fig. 3.

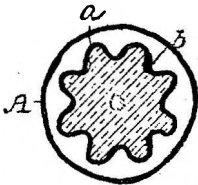
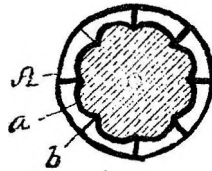


Fig. 4.



WITNESSES:

Geo. H. Fraser.

C. W. Fraser.

INVENTORS:

Bradley A. Fiske,
Samuel D. Mott

By their Attorneys,

Benj. Fraser & Co.

EMMA MATTHEWMAN, OF BROOKLYN, NEW YORK
ADMINISTRATRIX OF JOSEPH MATTHEWMAN,
DECEASED.

Specification forming part of Letters Patent No. 201,544
201,544, dated March 19, 1878.

Be it known that Joseph Matthewman. .invented certain
new and useful Improvements in the Manufacture of
Insulators for Telegraph-Wires.

It has long been common to provide insulating-
caps of glass, which fit upon pegs or supporting-
pins of wood extending up into them from below. It
is found that short smooth pins and corresponding
holes in the insulators are defective, by reason of
their allowing the insulators to jump off occasionally
in irregular gales of wind. The objections to mak-
ing the pins and insulators very long, and to screws
and other analogous fastenings, are obvious.

This inventor has found that. . .by providing the
insulator with one or more inclined grooves or
ridges on its interior surface, and giving a corres-
ponding form to the supporting-pin, the surfaces
may be locked upon each other sufficiently to avoid
the evil. . . .

Figures 1, 2, and 3 are sections of the com-
pleted insulators.

Fig. 1 is a vertical section and Fig. 2, a hori-
zontal section, of an insulator made according to
this invention, with inclined ridges on its interior.
It is adapted to fit on a wooden pin when in use, the
pin having corresponding grooves to match the said
ridges. The insulator may be sufficiently strong and
hard to form the groove in a previously ungrooved
pin. . . .

I attach great importance to the fact that the
internal grooves or ridges c are much inclined, and
do not form screw threads, ordinarily so called. They
are so nearly straight as allows the insulator to be

driven down by being forced endwise upon the pin;
yet it resists any forces tending to pull it off.

J. MATTHEWMAN, dec'd.
E. MATTHEWMAN, Adm'r.
Insulator for Telegraph Wires.

No. 201,544.

Patented March 19, 1878.

Fig. 1.



Fig. 2.

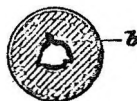


Fig. 3.



Attest.

Wm. L. Gentry

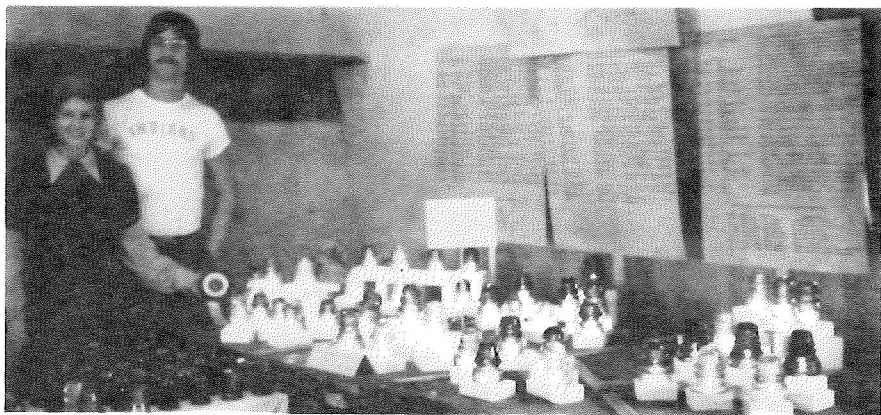
Wm. E. Motobray.

Inventor.
J. Matthewman, dec'd
Emma Matthewman
Adm'r.
By his attorney
T. S. Sutton

4th Mid-Ohio Insulator Show by Glenn Drummond

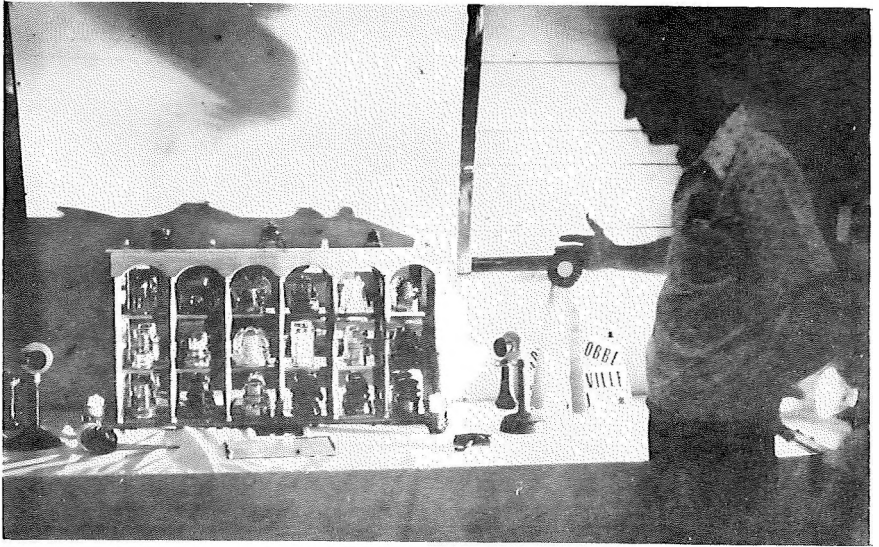
The "London Show" began on a cold, clear, beautiful Saturday morning. There followed one of the most enjoyable weekends insulator collectors have experienced in 1974. Thirty-four dealers set out a wide variety of glass and porcelain insulators and lightning rod balls. The number of collectors attending was not overwhelming but the consensus among dealers was that this was the most successful show of the year in terms of sales. For the most part, insulators ranged in price from \$3.00 to \$25.00. There was a good assortment in the \$25.00 to \$100.00 range but few at prices above \$100. Slightly moderately damaged insulators were offered at "give away" prices but few were moved. It appeared that the collectors generally had specific objectives in mind and selected carefully.

Ribbon Winners are pictured. Others displaying were Brad Duvall, rainbow; Jerry Turner with Brookfields; and the Drummonds with their Lynchburgs. Dick Bowman from New York was awarded the Most Miles Travelled plaque.

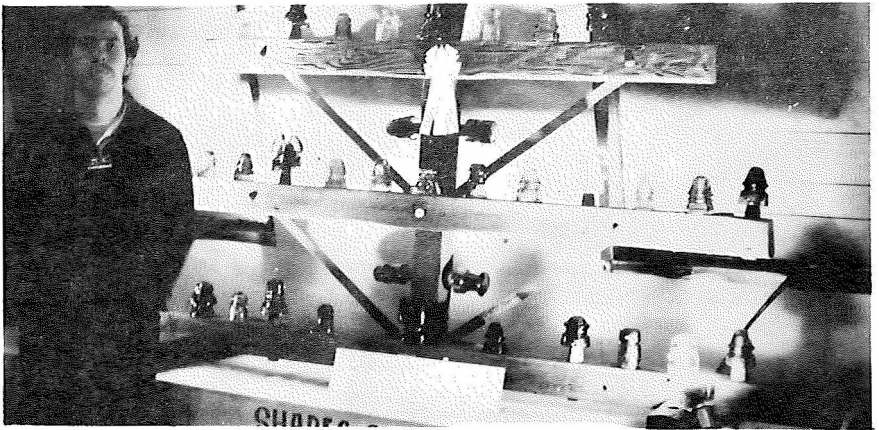


CROSS ARMS 1st place ribbon winner, Gary & Chris Curts for their "Brookfield" display.

4th Mid-Ohio Show.



Crown Jewels, Grand Prize, Robert Nobbe for rare and unusual glass.



Crown Jewels, 1st place, John & Carol McDougald for their "Shapes and Shades."

4th Mid-Ohio Show.



CROSS ARMS 2nd Place winner, Forrest Jones, for his display of "Lightning Rod Balls & weathervanes."



CROSS ARMS 3rd Place winner, Allen Stupp for his display of CD 121-122 tolls.

BERKSHIRE ANTIQUE BOTTLE SHOW

by Joe Furgal

The Berkshire Antique Bottle Association's fall Show & Sale was held on Sunday, October 20, 1974 at Lee High School in Lee, MA. Carl and Muriel Swenson of Great Barrington, Ma., Co-Chairmen, reported that over 750 people attended the event. Thousands of antique bottles, insulators and related books were on display and for sale. There were 48 sales tables and several exhibits.

First prize ribbons for exhibits were awarded to Mr. & Mrs. Edward Johnston of West Stockbridge, Ma. in the medicines category; Mr. & Mrs. George McGoway of Canaan, New York for lighted displays; and Mrs. Muriel Swenson for color. Mrs. Swenson was also awarded the OLD BOTTLE MAGAZINE ribbon for the best over-all antique bottle exhibit, which consisted of cobalt bottles.

The first place ribbon for the best sales table in the general antique bottle category was awarded to Robert Irons of Mystic, Ct. Honorable mention went to Donald Fritschel of Jericho, Vt. and Gordon Pratt of Kingston, Ma. The first prize for fruit jar sales tables went to Richard Vanderlaan of Brockport, New York.

Peter Samiec of Northfield, New York won the CROWN JEWELS OF THE WIRE grand prize ribbon for his insulators sales table. Douglas MacGillvary of Manchester, Ct. was awarded CROWN JEWELS OF THE WIRE ribbon for second place.

The Lee Kiwanis Club served a pancake breakfast and lunch for the benefit of its youth programs.

Joseph A. Furgal, Jr. of Lee, Ma., Club President, announced that the 1975 Berkshire Antique Bottle Shows & Sales will be held on Sunday, April 6, 1975 and Sunday, October 19, 1975. Anyone desiring information may write P.O. Box 297 in Lee, Ma. 01238.

WHY COLLECT INSULATORS?

by Claude A. Potter

(dated 1970)

Hemet, CA

I have been asked to give a logical reason for the emergence of the INSULATOR COLLECTING HOBBY upon the collecting scene.

The first insulators were made over a hundred years ago, hence they have a right to be called ANTIQUES. From their humble beginnings of being made of wood, asphalt and other materials, they grew into the fabric of the country, and as the nation progressed, their usefulness increased into the building of cities, farms, villages, churches, schools, factories and homes --all woven into one great whole. It is a beautiful picture, symbolic of the telephone, telegraph and electrical power service they have rendered bringing close communication and power and light service to the uttermost parts of the world.

Our telephone operators are fast disappearing, and soon, like the dodo, will be extinct. The dial systems are speedily taking their places. Bare wires are fast being cabled and sent underground. Nor for long will we see "the lovely jewels of the poles." They are being replaced with cables which do not require the same type of insulators.

It is a long cry from that curious instrument exhibited by Alexander Graham Bell at the Philadelphia Centennial in 1876 to the intricate and marvelous systems of today; from that first New York exchange, noisy as the Board of Trade in a bull market, to the almost noiseless automatic service. Truly the history of the insulator is the history of our nation. They are inextricably woven together.

Hundreds of thousands of insulators are being destroyed as they are replaced by the modern cable system with micro wave and satellites.

It is right and proper that those individuals who have lived in the insulator period should gather and preserve these glass and porcelain antiques so we may continue to honor them as one of man's greatest blessings.

SUBSCRIBER'S DIRECTORY

ALERT

We are now assembling our subscriber's directory (to be released in March). Anyone wishing to have their telephone number listed along with their address please send it to us on a postcard before February 15.

From the 6th N. I. A. Convention---

As of February 1st, there are only 161 days until the 6th NIA Convention in San Diego. Reservation deadline is June 1st.

THE INSULATOR OF THE MONTH

by E. C. Storey

Reader participation has been good so far. We have had requests for information about CD 121 & CD 122 insulators. The first request is about variations in the lettering on insulators made for A. T. & T. by various companies. Let us know what color, lettering & embossing variations you have seen. Also information on misspellings or other mistakes would be useful. If there is sufficient response we will try to catalog some of the variations of this common insulator.

We have also had a request about Armstrong CD 122 insulators. Let us know what colors you have found and where and we will try to cover this in a future month.

When we ask you to mention where an insulator was found, we need only the name of a nearby city or the railroad. This is not intended to uncover anybody's secret hiding place.

If you write requesting information, try to include a stamped, addressed envelope as postage is becoming very expensive. In the months to come CD 102 and 145 will be covered as well as the above if there is good response.

Please send Insulator-of-the Month information to:

Edwin C. Storey
98 Apollo Drive
Rochester, NY 14626

Record of Insulator

Where seen/found - Price/condition Comments

History

BROOKFIELD

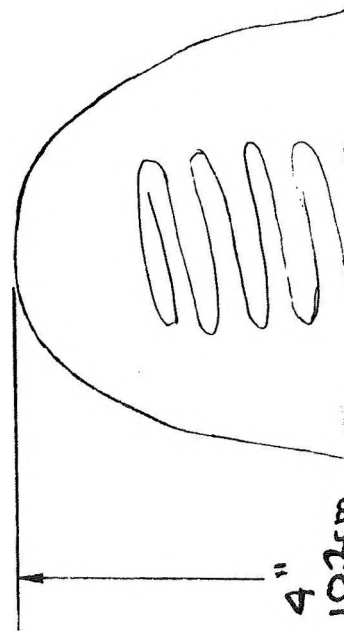
c.d. 162

LIGHT GREEN

DOUBLE PETTICOAT

THREADED

NO DRIP POINTS



4"

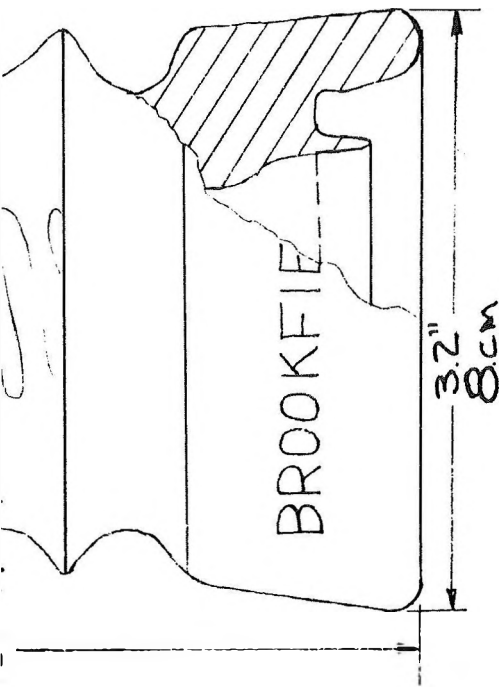
102

SIGNAL

MARKINGS ON SKIRT

BROOKFIELD - FRONT

NEW YORK - REAR



This insulator was used for communication & railroad signal lines. The author's specimen came from a line along a branch of the Buffalo Rochester & Pittsburgh Railway, now part of the Chessie System. It is unusually smooth, even when compared to "modern" insulators.

One of the reasons collections of Brookfield Insulators are so popular is the wealth of information about the company that makes dating the insulators possible. In the years prior to 1903 the insulators were imprinted with W. BROOKFIELD for the son of the founder who was running the company. When William died in 1903 & his son, Henry took over; the "W" was dropped and only Brookfield was imprinted.

Furthermore, about 1905 the NEW YORK imprint was deleted possibly because of the facilities constructed in New Jersey. These two facts allow us to estimate the manufacture date of this insulator between 1903 and 1905. This general time period is further supported by the excellent overall quality of the insulator, reflecting a 1900 patent for improved molding equipment issued to Henry Brookfield.

CROSS ARMS December 1974 by E. C. Storey

LETTERS TO THE EDITOR

Dear Mr. Garrity;

After reading your "editorial" on p. 17 and 18 of the C. A. , I can't help but write you and hopefully convince you of a few facts.

For 20 years I've worked for the phone co. as a lineman etc. I enjoy it and it is very relaxing for me to come home, sit in my rocker, and write fellow collectors and buy and trade insulators. I do this all for FUN. Now why in the world would I want to inform the public or let the world know all about insulators? Do I want to make a business out of a hobby? absolutely not!! Do I want to get a big organization going, have all kinds of elected officials, maybe hire an attorney or two so we can begin to get legislation moving to "protect this or that" ?

James just use your head a minute. . . . would you please point to an organization whether the Federal Gov't, State gov't, J. C. 's, Red Cross, etc-that when you look way deep down at any of them. . . it's all mass confusion, bickering, back biting, greed and on and on. ?

So you see that's why 9 out of 10 of us "ain't" about to get on the bank-wagon to promote and thereby mushroom our hobby. We want it to remain small and with members who are really truly interested in insulators and not politics, problems and "the public"!

Sorry but that's the way it is. Thanks.

Mr. J. Crowley

Dear Mr. Crowley,

I understand your view point. Of course I don't agree with it and I can happily say, neither do most other collectors--thank goodness.

Through the years I have met many people who collect insulators. I have invited anyone and everyone who will come, into my home and talk insulators.

I attend shows and try to meet anyone who is interested in insulators. I also do all this for Fun. I want to show the public the beauty and history of insulators. I am not attempting to make a business out of collecting insulators--but I am attempting to show people how satisfying the hobby and its people are.

We must have an organization with elected officials to protect and preserve the hobby. Every ordinary organization does have its problems, but bear in mind the "National Insulator Association" is far from ordinary--the people who belong to it and the officials they have elected are insulator collectors, and we all know insulator collectors are the best kind of people.

I'm sorry you feel the way you do, and I'm glad your narrow views are not shared by people like Marion Milholland, Frances Terrell, Gerald Brown to name a few. If I wanted I could make this list take up the rest of this month's issue.

Thanks for the letter and I will close with this:

"It is not the critic who counts, not the man who points out how the strong man stumbled or where the doer of deeds could have done them better. The credit belongs to the man who is actually in the arena; whose face is marred by dust and sweat and blood; who strives valiantly; who errs and comes up short again and again; who knows the great enthusiasms, the great devotions, and spends himself in a worthy cause; who at best knows in the end the triumph of high achievement; and who at the worst, if he fails while daring greatly; so that his place shall never be with those cold and timid souls who know neither defeat nor victory."

--Theodore Roosevelt

Your Editor

Dear Jim:

I should have the new book from the printers any day now. It is "UNIQUE COLLECTIBLE INSULATORS". It deals with insulators which are not glass or porcelain and I think it will be a nice addition to any insulator collector's library.

Now I am embarked on a new enterprise. It will be a BROCHURE on Locke insulators. I will be bringing all the information in the Second Edition and its Supplement up to date and bring all the dope that has been found out about Locke insulators right up to now.

I would like information on any Locke insulator that is not in my SECOND EDITION or THE SUPPLEMENT. If you have one that is not in those books I would appreciate a sketch and any information that would describe it. I will give proper credit for this.

Hoping that this is a GOOD YEAR.

Gerald Brown
Two Buttes, CO 81084

* * * * *

Dear Jim,

Thanks for running my article in the December issue of CROSS ARMS. Also I agree with your piece on apathy in our hobby by the collector. What is needed is to get across the idea that you do not have to be a professional writer to get your point across to the public. Most members of our hobby will understand what you are trying to get across without having everything letter perfect.

Jack Snyder was telling me to write another article for CROSS ARMS so here it goes. Maybe you can use it sometime as I get a kick out of sharing my hobby with the other collectors. Maybe we can get them to show an interest in it.

Terry L. Bauman

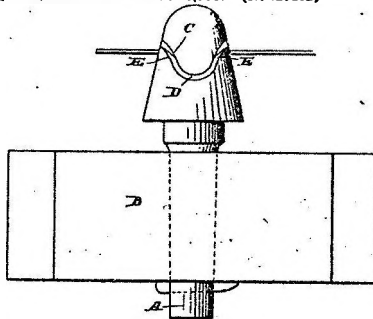
RESEARCH MAY BE THE ANSWER

by Terry Bauman

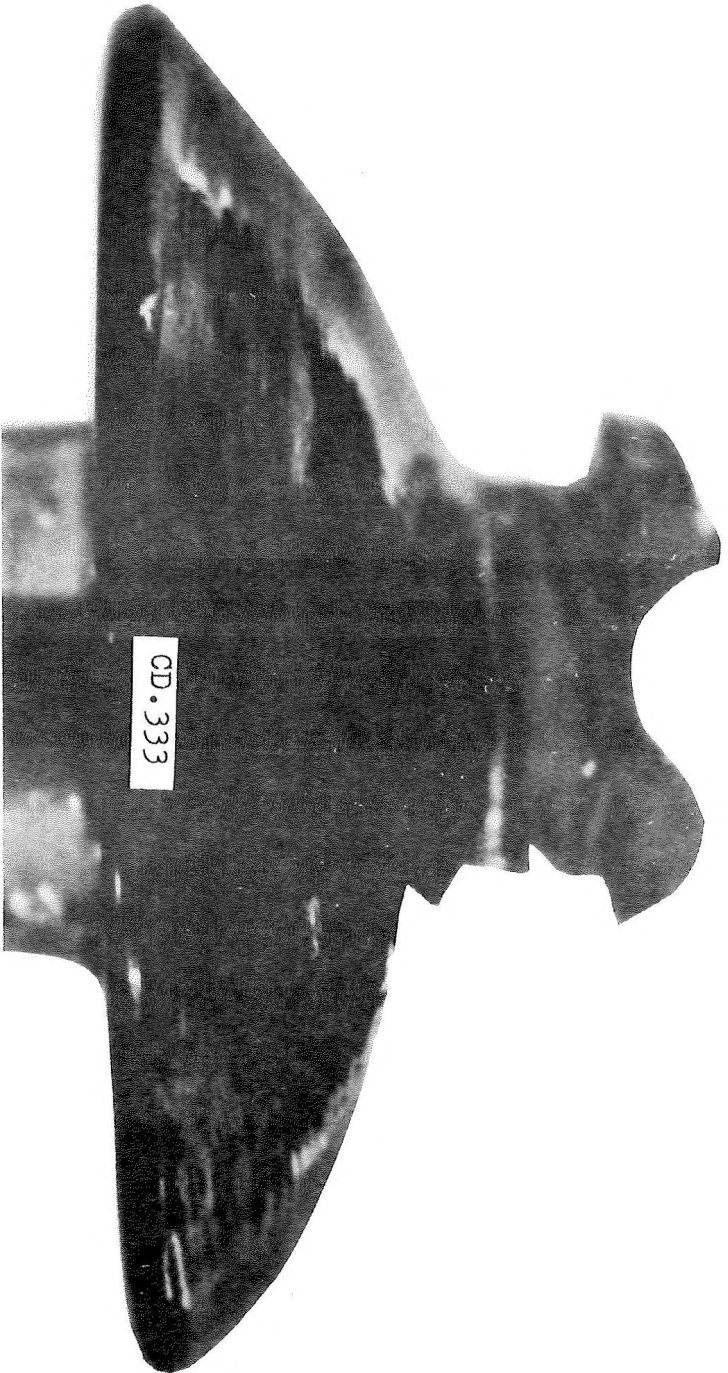
Collectors, have you ever thought of finding that one insulator that you want? Well, you may be able to find it at your public library on the book shelf. By this I mean research. Look up the old railroad and telegraph lines in your area. Remember that the threaded insulator was not patented until 1865, so that any line in operation before then should have had threadless insulators on them. It may be safe to say that some of them were probably on poles as far back as the late 1800's. Check to see if the railroad has done any grading or ditch cleaning in your area. Another thing to look for is maybe the older telegraph lines may have ran on the opposite side of the line from the more modern lines. We have done this in our area and have discovered that some of the old lines did indeed run opposite of the newer lines.

Also, talk to older relatives who may remember where the old lines were and where they dumped the old glass. Remember this is our hobby and we need to push it and help people understand the fun we get out of it. So talk your hobby up and do a little research.

367,164. INSULATOR. HENRY K. RUGER, Bay St. Louis, Miss. Filed Apr. 13, 1887. Serial No. 234,595. (No model.)



Claim.—An insulator for electric wires, formed with a U-shaped slot, C, having curved or rounding upper and lower surfaces and terminating in vertical slots F, the bottoms of the slots F being curved or inclined downward and inward to the bottom D of the slot C, and said bottom D being inclined downward and outward, substantially as shown and described.

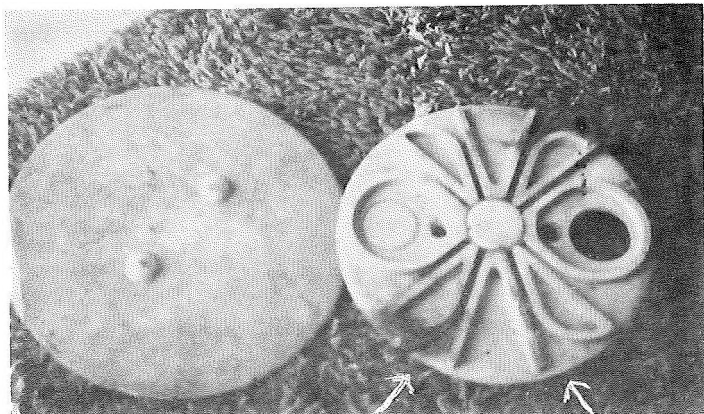


CD. 333

PRISM-No name embossed-Front an Embossed PRISM-Known as
KNOWLES PRISM-Smooth base-Agua "By" DR. Shoenthal, New
Hope, Penna.

ANOTHER PUZZLER

by Gerald Brown



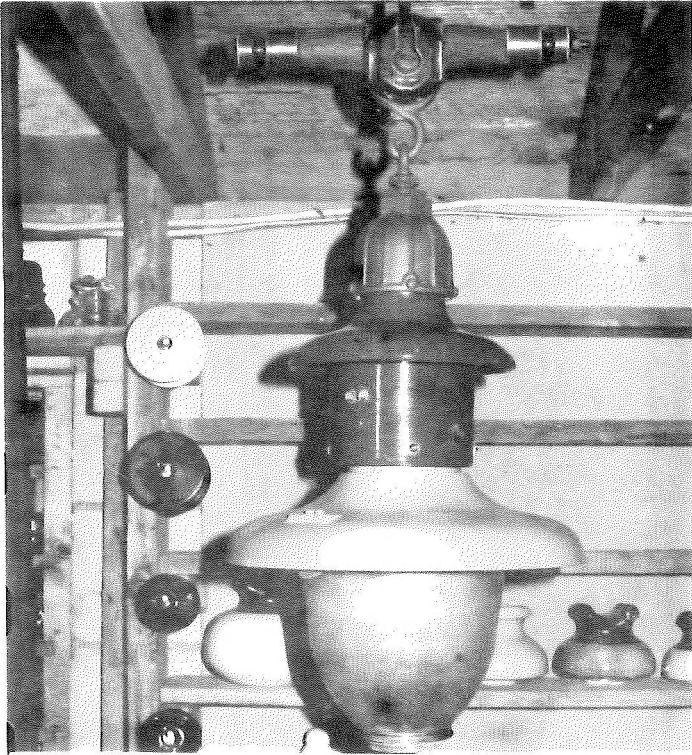
This plastic or fiber glass article was found by Ed Hutchins and this is what he says about it, "I am a telephone construction foreman and have been for a number of years. I found this insulator on a two pin side arm. It is a transposition of some kind. It was on one circuit of 080 copper wire. Each wire had a preform wrapped around it. This makes----- it look heavy. The preform was to keep the wire from sliding around inside of the insulator. 080 is about the smallest they use for open wire telephone construction."


The picture shows the top and the top side of the bottom half. The two pieces were bolted together and the wires crossed in between the two halves. It is 11 3/16" in diameter. It is greyish white. No markings.

Does anyone know anything about it, more than described above?

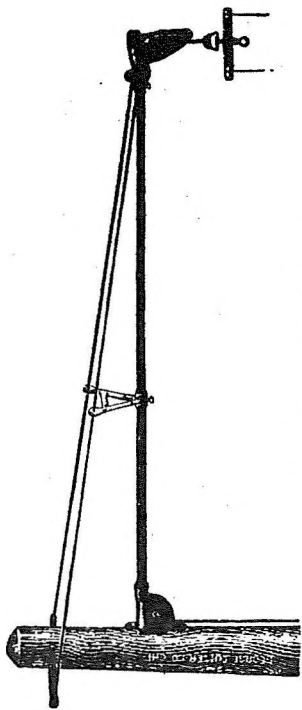
LIGHTING FIXTURES BY CUTTER

submitted by Gerald Brown

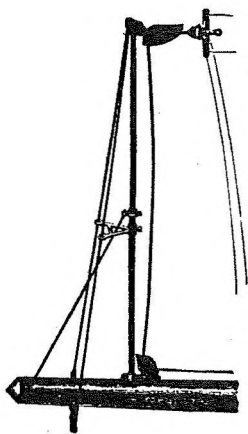


This photo shows a fixture from the collection of Edgar Smith. This eye suspension with hook and cross arm is much older than the one shown in the 1934 Greybar catalog (see following two pages.) It has a mottled brown porcelain block or strain insulator which is special molded to take the eye suspension and hook fittings. The cross arm consisted of a bolt threaded on each end which holds two tapered locust spacers next to the center porcelain block with brown porcelain spools placed on each end which hold and separate the wires that go to the beautiful light green porcelain head marked  The porcelain block is marked on each side PEMCO. PAID. .

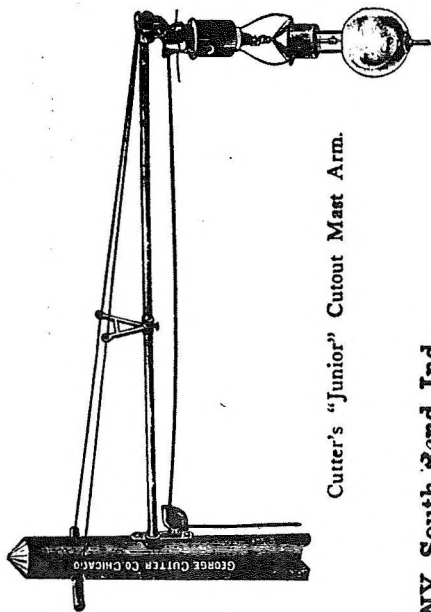
This head also takes the pie crust shade with an adapter which is tapped for four screws.



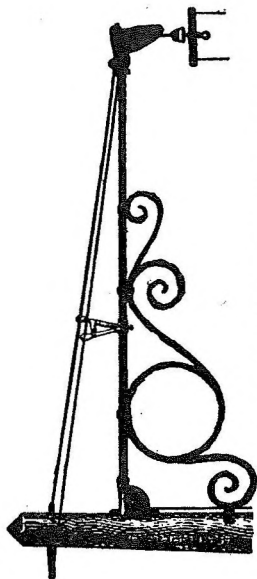
Cutter's Inner-Rope Mast Arm.



Cutter's "Long Junior" Mast Arm.



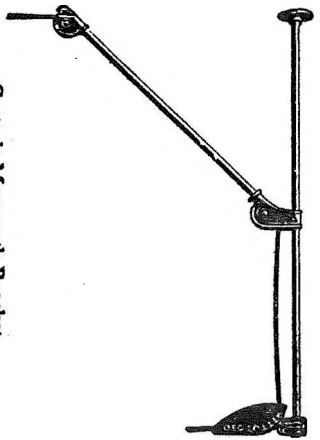
Cutter's "Junior" Cutout Mast Arm.



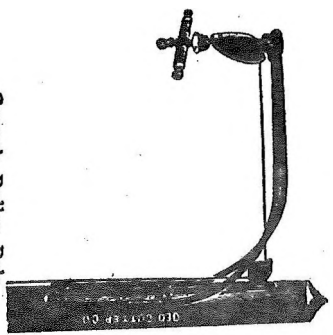
Cutter's Ornamental Inner-Rope Mast Arm.

GEO. CUTTER COMPANY, South Bend, Ind.

Arc Brackets and Mast Arms.



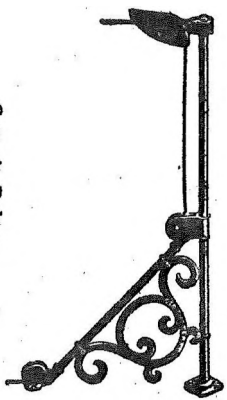
Cutter's Mammoth Bracket



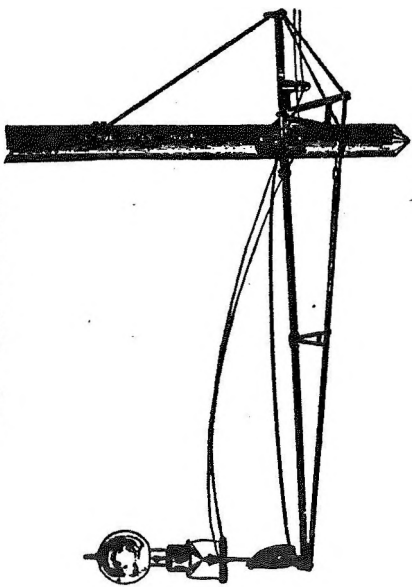
Cutter's Pulley Pole Fixture.



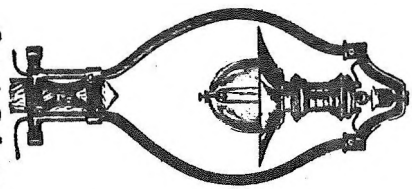
Cutter's Cast Scroll Bracket.



Cutter's Palace Outrigger.



Cutter's Windbraced Mast Arm.

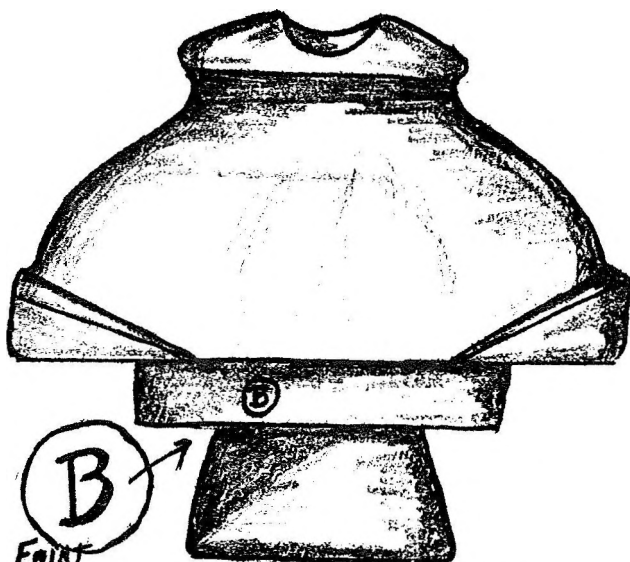


Cutter's Reflector Poletop.



Cutter's Scroll Pulleyed Outrigger.

NEW FIND

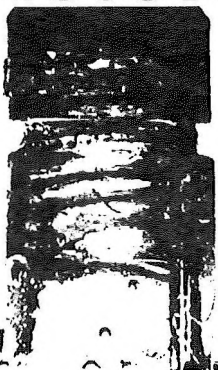


ROUND-DRAIN-GUTTER-CABLE
WHITE

This rare insulator was found by R.E. Alumbaugh of Anaheim, Calif. It has the same drain gutters found on the IMPERIAL which is shown in my book, Second Edition, Collectible Porcelain Insulators, page 58. The patent by Locke is also shown. The B in a circle is not like the OHIO BRASS circle O. So the maker is unknown as of now.

Submitted by Gerald Brown

CLASSIFIED ADS



"THE GLASS INSULATOR - A COMPREHENSIVE REFERENCE" by Gary Cranfill and Greg A. Kareofelas.

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(SEND FOR A SAMPLE PAGE)

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"COLLECTIBLE PORCELAIN INSULATORS"

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Gerald Brown Two Buttes Co. 81084

COMING--UNIQUE COLLECTIBLE INSULATORS

Deep carnival 10" Pyrex sombreros. Top and pin removed. Mint. \$6.50 postpaid. Matt Kyle, 30012 4th Ave. S.W., Federal Way, WA 98002.

FOR SALE: CD 740 No embossing, green, chipped on bottom, \$115.00; CD 740 No embossing, snow, aqua crack on side, \$115.00; CD 728 No embossing, aqua, hairline crack on crown, \$50; CD 202 K, green, chips, \$8.00; CD 126 Brookfield dated, aqua NM, \$4.00; CD 127 Brookfield, dated, aqua, \$4.00. Russell Collins, RFD 1, Box 558, Yarmouth, Maine 04096. Postage extra.

<u>CD#</u>	<u>Postage Please</u>	
106	Rayalal, lt. green N.M.	\$12.50
145	T. C. R., aqua M.	7.50
164	Brookfield No. 38, 7-up green M	15.00
124.3	Patent Dec. 19, 1871 lt. green M	15.00
130.7	C. C. G., lt. purple, M	19.50
164	Hawley, marbelized aqua, N.M.	47.50
114	Hemingray No. 11, aqua, M.	6.00
121	U.S. Tel., aqua, N.M.	4.50
781	Folembray, lt. green, N.M.	12.50
730	THREADLESS B-HIVE, aqua N.M.	275.00

Looking for Boston's, threadless and color. S. A. S. E. for list, Howard E. Makela, Box 74, Ithaca, NY 14850.

WANTED: U187 Pierce Tree Insulator: U194, U200, U205, U216, U396, U400. Write details include price or trade. Lew Hohn, 96 Birchbrook Dr., Rochester, NY 14623. 1-716-334-2968.

2

Hemingray 720, Hemingray 4, Hemingray 60, N.M. 3 for \$5.00, mint 3 for \$10.00 Also have 15 page list of insulators & LRB's for sale. McManis, 16006 West Holdridge, Wayzata, MN 55391

4

WANTED: CD 162's, odd 106's and 121's, rim embossed Americans, Lightning rod balls. New list out. Send your list or S. A. S. E. John deSousa, 229 Wintonbury Ave., Bloomfield, CT 06002.

3

FOR SALE: CD 232, Hem. D-512, clear, \$2; CD 239, Kimble 830, clear, \$4; CD 162, Hem. 19, aqua, \$2; White porcelain, no-name signal, \$6; CD 145, Brookfield, aqua, \$2; CD 152, Hem. 40, aqua, \$2; CD 152, California, SCA, \$6; CD 106, Hem. 9, aqua, \$2; CD 151, H. G. Co., aqua, \$7; CD 106, Hem. 9, 7-up green, \$7; CD 160, Wm. Brookfield, aqua, base flakes, \$5; CD 106 Diamond, lt. straw, \$5; CD 175, Hem. 25, aqua, \$10; CD 731, no name, repaired, \$45; CD 145, H. G. Co., aqua, \$3, CD 162, Brookfield, aqua, \$3; CD 235, Pyrex 662, carnival, \$9; L & N R. R. date nails, 30¢ ea. Unless stated all above vnm-m, postage extra. WANTED: Purple Brookfields. Larry Richards, 1367 Goodman Ave., Mobile, Ala 36605, 205-479-7630.

2

HELP--need room for Hemingrays--rest must go good glass for beginners and intermediate collectors. Send S. A. S. E. for list to Jim Morrow (NIA 577) Elm Ave, Selkirk, NY 12158.

FOR SALE or TRADE CD 150 Brookfields, Aqua, Very near mint (tiny dings, no glass missing) otherwise mint shape. Embossing is excellent. \$75.00 each. Art Kottman, 101 Namkee Rd., Blue Point, N. Y. 11715, (516) 363-2090

2

PORCELAIN INSULATORS GUIDE BOOK FOR COLLECTORS, the standard reference for pin-type porcelains. Universal Style Chart with all U-number scale drawings. Markings, company histories, prices, etc. Hardbound, 206 pages, \$10 postapid. Also Supplements A and B, \$1.95 each. From author, Jack H. Tod (CA) 3427 N. 47th Place, Phoenix, AS 85018.

WANTED: CD 103 and CD 113.4 NEW ENG. TEL & TEL CO. Please describe condition and cash price. Roy Galloway, 105 Harkins Drive, Winchester, KY 40391.

ONE OF NEW ENGLAND'S FINEST COLLECTIONS OF INSULATORS IS NOW BEING OFFERED FOR SALE. HUNDREDS OF QUALITY PIECES TO CHOOSE FROM - EXCELLENT COLOR - SUPERIOR CONDITION - VAST ASSORTMENT. SEND S. A. S. E. WITH \$.20 POSTAGE FOR NINE PAGE LIST.

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Doug MacGillvary, 51 Avondale Rd, Manchester, Ct. 06040. Phone 203-649-0477.

GLASS CUTTERS WANTED - Insulator collector also collects glassa cutters. Mail your glass cutters. Will pay your price. No offers. If I do not have will buy or return same day. I pay postage. Must see so many different. Sincere collector. Dan Stelman, 2788 Westminister Ave., Florissant, MO 63033.

3

POSTAGE AND INSURANCE PAID

CD 102.4	N.E. Tel & Tel, aqua, groove chips	\$130
CD 102.4	Same, not quite as good as above	110
CD 110.5	National-segmented, 3 tiny chips	60
CD 123.	EC&M, dark cobalt, dome chip, base roughness	190
CD 134	Westinghouse-6, brilliant blue, minor damage	200
CD 134.4	No Name (American threads), deep honey amber, VNM	100
CD 140	Oakman (no patent dates or Jumbo), aqua, crude, NM	240
CD 143.5	T-H.E, aqua, MINT	75
CD 157.5	Standard Glass, blue aqua, MINT	65
CD 158.9	Boston, blue aqua, 2 chips on screw, small inner shirt chip, 1" crack in screw	350
CD 160.5	Am Tel & Tel, aqua, VNM	65
CD 267	No 4 cable, VNM	95
CD 731	Tillotson (light embossing), light green aqua, small ping on front wire groove, NM	120
CD 734	McMicking, aqua, VNM	265
American Pony,	lined dome, aqua minor groove bruise	75
Fletcher 2 - piece,	blue aqua - see Crown Jewels, Feb. 74, pp 4,5	90
Ramshorn in large glass cyclinder (Leffert's style),	blue aqua, VNM	140

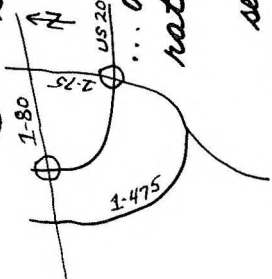
Always buying good glass or whole collections. Will consider trades for any good glass. Also need odd-colored helmets and ears for specialty. Pete Schriber, 19 Maple Ave., Hadley, MA 01035. (413) 584-3808.

Trade only--Norman Rockwell's Spirit of Scouting-art medals of sterling silver-limited proof set - 12 scout laws - in display frame. For more information 609-451-8464 - Trade for CD 124.5 Chambers or CD 317.5 Chambers. W.E. Hetteroth, 39 Lakeside Dr., Bridgeton, NJ 08302. (2)

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Lakewood Hall (in historic Petersburg, Ohio)
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rates are \$7 per day per 8' table
(only 45 tables will be rented)
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Bernada Inn 419-874-3101

419-476-4902 Rental fee must accompany your reservation

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101	Brookfield	aqua	\$2.00
102	C. G. I. Co. base bruise	purple	4.50
102	No Name 3 date	aqua	2.00
102	Brookfield	olive amber	5.00
102	Sterling	aqua	9.00
102	Hawley	aqua	7.00
102	Brookfield	S. C. A.	8.00
104	New Eng. Tel & Tel	aqua	3.00
105	American, plain dome, weird wire groove	aqua	60.00
106	Lynchburg	aqua	3.00
106	Whitall Tatum No. 9, wire groove chip	purple	7.00
110	Brookfield baby spiral groove	aqua	90.00
106.5	National cork screw 2 wire groove chips	aqua	60.00
106.5	National cork screw, cracked numerous chips 7 dings, displays mint		25.00
112	O. V. G. #11	aqua	4.50
112	Hawley	aqua	6.00
115	Hemingray with drips	aqua	2.00
115	Brookfield smooth base	aqua	3.00
117	Amper sand	aqua	10.00
121	W. Brookfield	aqua	3.50
121	Pleated skirt couple wire groove flakes	aqua	7.00
126	Front: W. Brookfield with pat date		
	Back: 55 Fulton St. with 2 pat. date	aqua	10.00
130.7	S. C. G.	off clear	7.00
134	G. E. Co.	aqua	5.00
134	T-H, E. Co	aqua	5.50
136	B & O Patent Foot, 12 1871 (note pat. date not listed)	aqua	12.00
138	Postal	aqua	10.00
152.9	Agas	miss purple	10.50
142	Canadian Pacific Ry Co., raised shield	aqua	4.00
154	Gaynor	aqua	3.50
156.1	No Name rim embossed	aqua	25.00
158	Boston Bottle Works, Pat. Applied For narrow groove	aqua	180.00
164	Maydwell 20	milk glass	5.25
164	McLaughlin 20	emerald green	6.50
194/195	Hemingray 54 A & B	S. C. A.	38.00
196	H. G. Co. upper skirt inner chip removes 2 drips & BB ding	aqua	18.00
202	No Name No. 14	aqua	8.00
202	No Name No. 14 inner skirt chip	aqua	5.00
204	Locke cross top (100% mint-only one I know of in this color and condition)	green	600.00
252	Lynchburg ear chip		10.00
257	Hemingray 2 date	aqua	12.00
257	Hemingray 2 date base bruise & 2 chipped drips		7.50
260	Cable	aqua	10.00
261	Wide ear Cable	aqua	10.00
1001	Cutter	aqua	110.00
728	Threadless No Name	blue aqua	90.00
	small internal crack, no glass missing, very nice.		

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Most About Glass Insulators

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Price \$10.00 postpaid.

1975 Suggested price list - 78 page book - \$2.00 postpaid.

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M. Milholland, R. 2 Box 368, Sequim, Wash. 98382.

PAYING CASH for Threadless and rarer types of insulators or quantities. What have you ?? SASE for new list. L. Veneziano, 27 W. 115 Vale, West Chicago, Ill 60185. (6)

Prices are going up; mine are going down. I have the beautiful carnival glass rainbow colored 10" Pyrex (Sombreros) metal removed, mint, dark color, reg. \$20ppd, now \$12 ppd; 5 for \$50 ppd. Med. color, reg \$12 ppd, now \$10 ppd; 5 for \$40 ppd. Light color \$8 each, 5 for \$30 ppd. Send large S. A. S. E. for 3 page list for sale or trade. Ed Sellberg, 2918 Neals Lane, Vancouver, WA 98661. (3)cb

PORCELAIN COLLECTORS. Supplement C (January 1975) to "Porcelain Insulators Guide Book" now available, \$1.00 postpaid. Jack H. Tod (CA), 3427 N. 47th Place, Phoenix, AZ 85018. (5)

FOR SALE

Cd#	Description	Price
296	No name cable, aqua, nm+	10.00
781	Gingerbread Man, dark green, vvm	12.00
121	W.G.M., toll, dark purple, nm	6.00
106	W.G.M., pony, SCA, vnm	10.00
162	W.G.M., signal, SCA, vnm	10.00
154	Dominion 42, pretty dark red amber, mint	15.00
120	Hemingray 5, 1871 Patent on dome or skirt, aqua vnm	4.50
121	R. Good Jr., toll, aqua, vnm	2.50
733	Brookfield, threadless, dug, condition nm+	125.00
140	Oakman, no ears, Jumbo, aqua, vnm	225.00
190/91	Hemingray 50, clear, mint, 3.00 ea, 4 for	10.00
194/95	Hemingray 54 A & B, SCA, mint	32.00
145	G.N.W.Tel., beehive, aqua, mint	3.00
267	No 4 cable, aqua, mint	90.00
162	W.F.G.Co., Petticoat, aqua, vnm	7.00
160	Armstrong 14, baby signal, clear, mint	50.00
160	Hawley, baby signal, aqua, mint	65.00
109	Chicago, teardrop pony, open bubble on base, nm	350.00
116	W. Brookfield, aqua, nm	14.00
135.5	E.R.W., aqua, small base chip, nm	190.00
731	No name threadless, shallow rim chip, aqua	50.00
145	G.N.W., purple, beehive, vnm	9.00
136	Brookfield, B & O, aqua, vnm	6.00
134	W.F.G., Denver, Colo., aqua, mint	4.50
134	Westinghouse 6, small wire groove chip, aqua	45.00
158	Pat. Oct. 15, 1872, 3 segment, Hex. dome, aqua, nm	175.00
162	California, signal, SCA	4.50
157.5	Standard, rim embossed signal, aqua, nm	39.00
206	Castle, straw, mint	90.00
120	H. Brookes, pony, blue, nm	35.00
162	Hamilton Glass Co., Signal, Aqua, N M	25.00
103	B, baby beehive, aqua, vnm	4.00

Jack Riesselman

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Lincoln, Nebr. 68505

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Lead your own walking safari into East Africa along the 1¼-mile trail. Adventure lovers keep a close but safe distance from lions, tigers, giraffes and rhinos along the passage. . . a photographer's paradise.

NAIROBI VILLAGE

Port of entry for the San Diego Wild Animal Park. You'll find much to enjoy in Nairobi, with its exotic landscape and dramatic, African-inspired architecture. The village occupies 17 of the Wild Animal Park's 1800 acres with animal exhibits, an aviary, special attractions, shops, restaurants, the Kilimanjaro Hiking Trail, and Simba Station, embarkation point for the Wgasa Bush Line monorail.

ANIMAL CARE CENTER—A backstage look through glass or screened enclosures at an always-enchancing variety of baby animals. Visitors can watch food being prepared to meet the wide range of diets for animals in Nairobi Village.

INTERNATIONAL SHOPPING BAZAAR—A world of beautiful handicrafts made by Asian and African artisans. Slides, film, cameras (loaned free), and binocular rentals are available in the camera hut.

ELEPHANT REVUE—Thousands of pounds of romping young elephants delight audiences in free shows nearly every day in the amphitheater in Nairobi Village. Check posted schedules in the Village for times.

ZOO

THE SAN DIEGO ZOO IS WORLD-FAMOUS for its many kinds of animals, including some of the rarest on earth. From aardvark to zebra, if it walks, crawls, flies, hops, runs or slithers, you're likely to find it here. The San Diego Zoo's animal population of over 5,000 is the largest in the world!

THE ZOO IS ALSO A SUPERB BOTANICAL GARDEN. Its 100 acres are lushly landscaped, with colorful flowers everywhere. The hundreds of varieties of plants are practical, too, since many of them provide part of the diet of the animal residents.

CHILDREN'S ZOO—Within the main Zoo, you'll find a miniature world of animals scaled to the size of a four-year-old. It's a favorite of adults as well! The Children's Zoo features a paddock where friendly animals can be petted; an incubator where visitors can watch baby chicks pecking their way out of their shells; and an animal nursery where newborn creatures receive careful attention from their substitute human mothers. You'll find surprises around each turn of the path.

GUIDED BUS TOUR—A ride that's both informative and fun, covering most of the Zoo's sprawling canyons and mesas. Entertaining driver-guides introduce you to an exotic variety of Zoo-dwellers as your three-mile safari tour winds through the Zoo.

SKYFARI—A thrilling bird's-eye ride across the Zoo, with vistas of Balboa Park, much of San Diego and the Pacific Ocean.

Special discount tickets available at the convention center.

A GREAT FAMILY ENTERTAINMENT BARGAIN!

6. In order to keep CROSS ARMS up to date we would like all reports on shows and swaps sent in no later than 45 days after the show has taken place.

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DISPLAY ADS:

1/4 page - \$5.00 per issue
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\$.05 per word (minimum \$1.00). The closing date for material will be the 15th of the month preceding the month of the issue.

Ads received too late for the deadline will be run in the next issue.

CROSS ARMS encourages want ads that list the value of the insulators advertized so any ad listing 10 or more insulators with prices will receive an additional one month's free exposure.

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