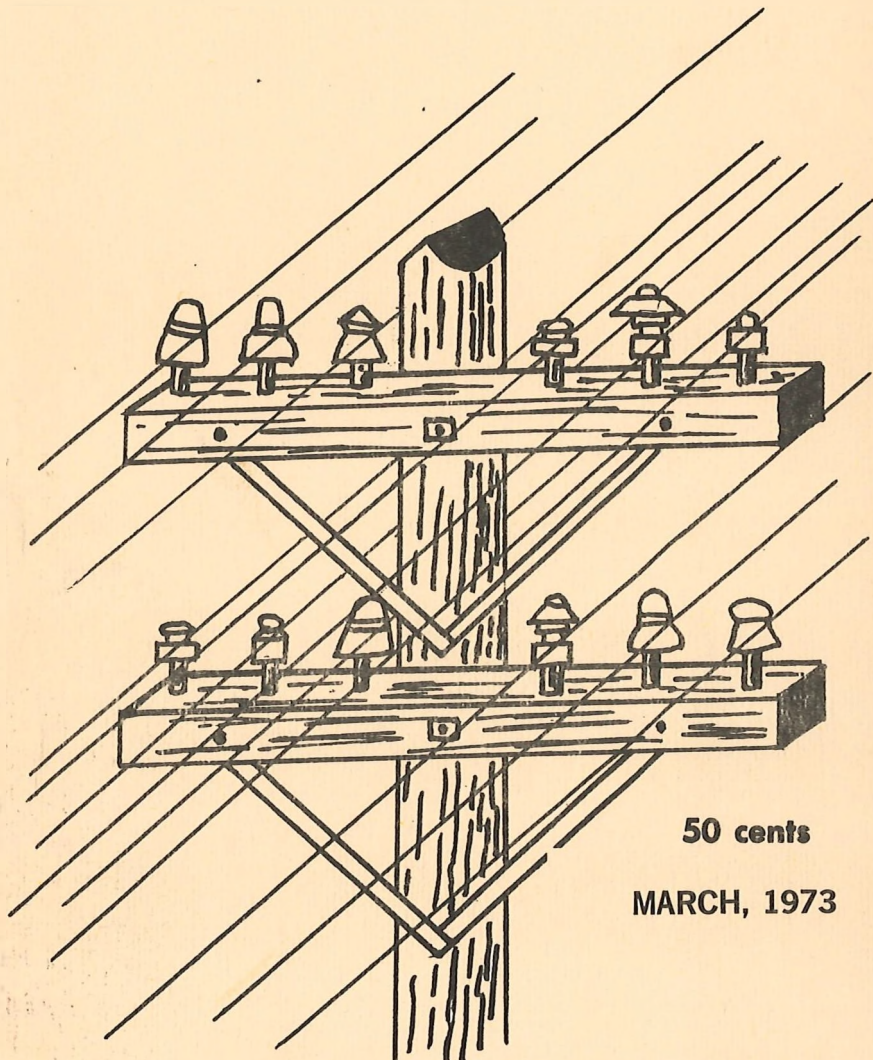


CROSS ARMS

an eastern
insulator collectors'
magazine



50 cents

MARCH, 1973

367 Signal Hill Road
King of Prussia, Pa. 19406

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 Eastern Insulator
Collector's Magazine

Vol. 2, No. 2

March, 1973

Editor James Garrity
Production Catherine, Mary Alice Garrity, Edward
Szymala

Single Copy 50¢. Subscription price \$5.00 (12 issues)
Back issues available at 50¢ each. (Feb. '72 not avail-
able).

Copyright © 1973 by CROSS ARMS

This journal is protected by copyright and no part of it
may be reproduced in any manner without written per-
mission from the publisher.

TABLE OF CONTENTS

	PAGE
Bergenfield Show	26
CD of the Month	20
Classified Ads	31
Eastern Insulator Club	9
Embossing Information	10
Know Your Collector	15
Las Vegas Show	13
Letters to the Editor	28
Market News	8
Patent Information	17
Rodney Wing's "Slush" Fund	30
Shows and Swaps	2
Title Page	1

CD of the month for March will be 201.

SHOWS AND SWAPS

MARCH 10

7th Eastern Mass. Antique Bottle & Insulator Show.
Square Acres Dance Hall, Rt. 106, East Bridgewater,
Mass. Info: Fred Swiechowicz, 200 Warren St.,
Randolph, MA 02368. Ph. (617) 961-2439.

MARCH 17- 18

5th Annual Antique Bottle & Insulator Show & Sale at the
Silver Dollar Fairgrounds, Chico, CA. Info: Bidwell
Bottle Club, P.O. Box 546, Chico, CA 95926 Ph. (916)
342-0349.

MARCH 17- 18

Grand Traverse Area Bottle, Insulator and Antique
Show, Park Place Dome, Traverse City, Mich. Info:
Tom Ghering, 3875 Town Hall Road, Traverse City,
MI 49684.

MARCH 18

Middletown Antique Bottle Collectors will have their
next bottle and insulator show at the Hebron Ave. School,
Hebron Ave., Gladstonbury, CT. Information: Joyce
Papetti, 233 Neipsic Rd., Gladstonbury, CT. Ph.
633-4716. See classified ad section.

MARCH 18

Northwest Ohio 'Bottle Club's 2nd annual Antique Bottle
Show & Sale. U. A. W. Hall, Fostoria, OH. Info:
Leonard Coppler, 741 Circle Dr., Fostoria, OH 44830.

MARCH 24- 25

Glass Capitol Insulator Show, 2947 Tremainsville Rd.,

Toledo, Ohio. Easily accessible from the Ohio Turnpike, interstates 75-475-280. Info: J. R. Snyder, 244 Waggoner Blvd., Toledo, OH 43612 (419) 476-4902, or Gary Hill, 1949 Marlow, Toledo, OH 43613 (419) 474-0813.

MARCH 24 - 25

Fresno Insulator Show will be held at 309 N. Hwy. 99, Town & Country Lodge, Fresno, CA. Info: Bill and Madeline Heitkotter, 35 East Cornell, Fresno, CA 93705 (209) 224-1478.

MARCH 25

South Jersey Heritage Bottle & Glass Club's Show & Sale at St. Catherine's Social Hall, Clayton, NJ. Info: Sam Baker, 1138 Lindberg Dr., Deptford, NJ 08096 Ph. (609) 845-2726.

MARCH 25

Bottle & Insulator Show & Sale at the Holiday Inn, Joliet, Ill. Info: Mary Lange, 618 McDonough, Joliet, IL 60436 Ph. (815) 727-7686.

MARCH 31 - APRIL 1

Third Annual Antique Bottle & Insulator Festival of the M-T Bottle Collectors Assn. at the Volusia County Fairgrounds, Deland, FL, Info: M-T Bottle Coll. Assn., P.O. Box 1581, Deland FL 32720 (904) 734-8865.

APRIL 1

Antique Bottle & Jar Show & Sale, Ramada Inn, St. Louis MO, Info: Hal Wagner, 10118 Scheussler Rd., St. Louis, MO 63128.

APRIL 7 - 8

6th Annual Northwest Antique Bottle Show & Sale, Rode-way Inn Convention Cntr., Boise, ID, Info: G. A. B. C. A., P.O. Box 8051, Boise, ID 83707.

APRIL 7 - 8

2nd annual Antique Bottle & Relic Club Show & Sale, Tulsa Garden Cnts., Tulsa, OK. Info: Mary Maslanka, 51925 34th W. Ave., Tulsa, OK 74107 Ph. (918) 446-0176.

APRIL 8

Berkshire Antique Bottle Show & Sale, Lee High School, Lee, Mass. Info: P.O. Box 297, Lee MA 01238.

APRIL 8

Mason-Dixon Bottle Show & Sale, Convention Hall, Rehoboth Beach, DE. Info: Alvin Sanger, Box 29, Cordova, MD 21625.

APRIL 14 - 15

2nd National Eastern Insulator Meet at Ithaca High School, Ithaca, NY. Info: Brad & Nancy Cook, 507 Ridge Rd., Ludlowville, NY 14862. See classified ad section.

APRIL 14 - 15

Northlands First Insulator Show & Sale, Gladstone Community Bldg., N. E. 69 St. and North Holmes, Gladstone, MO. Info: R. Green, 1703 NE 72 Terr., Gladstone, MO 64118, Ph. (816) GE 6-0953 or Larry Rollins, 7002 Kessler, Shawnee Mission, KS 66204 Ph. (913) RA 2-3377.

APRIL 15

Insulator-Bottle Show & Sale, Izaak Walton Bldg.,

42 nd St. N. E. , Cedar Rapids, Iowa. Info: Don Jelinek,
216 Wilson Ave. , S. W. , Cedar Rapids, IA.

APRIL 28 - 29

Hoosier Insulator Collectors Spring Show at Putnam
County Fairgrounds, Greencastle, IN (auction-Sunday).
Info: Dean J. Schlatter, R. R. #1, Box 110, Reelsville, IN
46171.

APRIL 28 - 29

Minnesota's 1st Antique Bottle Club & North Star Historical
Assoc Show & Sale at Benilde High School, 2501 S.
Hwy 100, St. Louis Park, MN. Info: Deane Essig, 2908
Florida Ave. S, St. Louis Park, MN 55426 (612) 925-1791

APRIL 28 - 29

Genesee Valley Bottle Collectors 4th annual major East-
ern Bottle Show & Sale at Monroe County Fairgrounds,
Rt. 15A in Rochester, NY. Info: Jack Stecher, 230
Eileen Dr., Rochester, NY 14616 (716) 621-4701. See
classified ad section.

APRIL 29

First State Insulator Swap & Sale at Rehoboth Beach
Convention Hall. Info: Charles Irons, Jr., No. 3
Elizabeth St. Milford, DE. 19962. See classified ad.

MAY 6

2nd Mississippi Valley Insulator Swap Meet, Holiday
Inn, Middle Road at I-74 (Exit 2), Bettendorf, IA. Info:
Dennis McHenry, Trexend, Rt. 1, Bettendorf, IA 52722
Ph. (319) 355-2069.

MAY 12 - 13

El Paso Centennial Collectors Show at the National Guard Amory, El Paso, TX. Info: Bob Keyes, 1032 Burgess, El Paso TX 79909 Ph. (915) 598-2312. See classified ad.

MAY 12 - 13

Insulator, Lightning Rod Ball & Bottle & Col Show, Sports Arena, Hutchinson, KS, Info: George Phillips, Box 1791, Hutchinson, KS.

MAY 19

Mid-West Insulator Swap & Show will be held in Westerville, OH, Grange Hall, 15 miles N.E. of Columbus, off I. S. 270. Info: Don Bauman, 6706 Charles Rd. Westerville, OH 43081.

MAY 26

1st Annual Southern New Jersey Insulator Meet at the Moorestown High School, Moorestown, NJ. Info: Gene Bond, Jr., 15 E. Camden Ave., Moorestown, NJ 08057.

JUNE 9 - 10

Metropolitan Detroit Bottle Club Bottle Show & Sale at the Dear Born Sports Arena, 14900 Ford Rd., Dearborn, MI. There will be insulators and lightning rod balls. Info: L.W. Promotions, Box #69, Gas City, IN 46933 (317) 674-6450.

JUNE 10

1st Pennsylvania Insulator Show at the Quality Inn, Carlisle, PA. 2 miles North on Rt. 11 off Exit #16 on PA Turnpike. Easy access from I-81 & I-83. 15 minutes from Harrisburg. Info: Ed Szymala, J-137 Belmont Plaza Apts., King of Prussia, PA 19406

JULY 7 - 8

4th National Insulator Show, Sports Arena, Hutchinson, Kansas. Info: Thomas D. Wolfe, Box 190, Auburn, NB 68305; or George Phillips, Box 1791, Hutchinson, KS 67501.

AUGUST 25 - 26

Mountain States Insulator, Bottle and Collectibles Show & Sale, Denver, Colorado. Info: Michael Bliss, 4640 E. Asbury Circle #22, Denver, CO 80222.

SEPTEMBER 29 - 30

Hoosier Insulator Collectors Fall Show, Columbia City, Indiana. Info: Paul Houpt, 211 S. Chauncey St., Columbia City, IN 46725.

Arrived too late to classify:

APRIL 14 - 15

Arizona's Fifth Collector's Extravaganza, Mohave County Fairgrounds, Fairgrounds Ave., Kingman, AZ. Insulators, bottles, antiques, coins, etc. Sponsored by the Arizona Polecats. Info: W.B. "Rip" West, 413 Monroe St., Kingman, AZ 86401 Ph. (602) 753-3650.

MARCH 10

Insulator auction-ceramic and glass, cutters, Boston Bottle Works, 2 Chambers & companion, Chicago electric, threadless, purple bullet--and many more--also lightning rod balls, 6:00 p.m. at Mack's Auction Barn in Greene Center, Ohio. Open for viewing at 4: p.m. Roy Palmer, Owner, Cortland, Ohio.

MARKET NEWS

Larry Veneziano has added another color to his line of Private Issue, No. 2 Columbia's. It is cobalt blue. Larry, as you know, embosses his initials LSV on all the private issues.

Going prices of insulators at the shows.

<u>Manufacturer</u>	<u>CD</u>	<u>Condition</u>	<u>Color</u>	<u>Prices</u>
<u>Las Vegas Show.</u>				
Pyrex	100.5	mint	clear	\$25.00
California	161	mint	s. c. a.	4.00
Maydwell	164	mint	milk	10.00
Whitall #1	154	mint	s. c. a.	3.50
H. G. CO.	196	mint	aqua	30.00
Pyrex 171	320	mint	clear	15.00

Bergenfield Show.

No name	449	mint	aqua	14.00
Cutter	1001	mint	green	125.00
#2 Cable	252	mint	green	3.00
Star	260	mint	aqua	75.00
Hemi 19	162	n. m.	cobalt	14.00
Hemingray	254	mint	green	15.00

Feb. 20--Mr. McLaughlin of Gardena City, California, informed Mrs. Addie Tasem of El Cajon, CA, that he has started to manufacture a threadless style insulator. It is patterned after the McLaughlin 19 and is milky in color. It is not a true threadless because the pin hole is not smooth. It has a series of rings in it. As of today only five have been made. They won't be available to the public for a few month yet. Our thanks to Addie for the information.

The Eastern Insulator Club roles have swelled to 118. We are especially pleased to welcome our first member from Canada, Duane Lucht of Alberta.

The states of New York and New Jersey have joined Maryland and Virginia with enough (10) members to become state chapters. List of state members and a nomination blank are on their way so these states may elect their own vice-presidents.

The Bergenfield, New Jersey show was excellent and some nice pieces were added to collections. Many officers and member of E. I. C. attended.

Several member-sponsored shows are on the calendar and all offer table discounts to E. I. C. members. They are:

Charlie Irons - Renoboth, Delaware - April 29

Eugene Bond - Morrestown, NJ - May 26

Ed Szymala - Carlisle, PA - June 10

We are in the midst of a membership drive. If you have any names and addresses that the club can use, send them to Jim Barron, 6815 Darby Lane, Springfield, Virginia 22150.

The Executive Committee thanks everyone who took the time to send in suggestions about "Show Display Rules." All these suggestions are under study and some time in the future when the rules are assembled into a short and simple package, the Committee will submit them to you for your approval.

Our hobby was the subject of a full page article entitled "Power Line Insulators... New Rage for Collectors" in the Dodge Adventurer, January '73.

Club members should have their directories as of this printing.

EMBOSSING INFORMATION

While doing research for CROSS ARMS, I have accumulated some interesting information about some of the Glass Houses in America.

I am printing the information I have at this time hoping it will be the key to open the door and allow us to authenticate some of the mystery embossings.

DUQUESNE GLASS CO.

In 1841, a fellow named Eberhart erected a glass factory in Belle Vernon, Pennsylvania.

Sometime between 1853 and 1855, the factory failed and was then sold to George A. Berry & Co. They were a group of 3 men-- George Berry (former Eberhart employee), J. B. McKennon and Samuel Vanhook.

In 1865, George Berry & Co. sold the factory to R. C. Schmertz. The plant was named the Duquesne Glass Works. They had a warehouse at 97 and 99 First St., Pittsburg, Pennsylvania.

Sometime before 1876, the name again was changed to R. C. Schmertz and Co.

R. C. Schmertz & Co. exhibited at the Philadelphia Centennial and the last thing I've been able to trace on them is an ad dated 1886.

McKEE

In 1834, Samuel and James McKee built a glass factory in the Pittsburg, Pennsylvania area. They first manufactured window glass.

In 1836, the firm was known as S. McKee & Co. Somewhere between 1840 and 1850, the company built a new plant and by 1886, when the plant closed down, it was operating 4 furnaces--3 for window glass and 1 for green glass.

(1870 address was No. 62 Water Street.)

Possible ER

New York State, Wayne County, town of Clyde...

William S. Dezeng and James R. Ress established the Clyde Glass Works in 1827. The plant went into production making window glass in 1827. Around 1845, the company exchanged hands. The new owners were Stokes and Ely.

Between 1850 and 1868, the company exchanged hands several times. Three names involved during this period were Stevens, Miller and Rowell.

In 1868, Southwick, Reed & Co. took over the works. The last firm to take over the original Clyde Glass Works was Ely Reed & Co. The works were permanently closed in 1880.

Possible B. F. G.

In 1865, James M. and William Brookfield established a glass factory in Brooklyn called Bushwick Flint Glass Works. At this time the plant only manufactured flint glass.

Sometime before 1884, the company became Brookfield & Co.

The Bushwick Flint Glass Works was closed in 1898.

Possible B. G. M. CO.

Baltimore, MD-1800 to 1905+

Nov. 16, 1799, Frederick Amebury & Co. leased from George Presstlaw, an acre of land at the foot of Federal Hill in Baltimore. On this ground they established the Baltimore Glass Manufactory or Works. Aug. 11, 1802, the Federal Gazette reported that the partnership dissolved, but the works remained.

Nov. 5, 1802, Philip R. I. Freise leased and enlarged the works with the help of his son. 1804, the property was sold at a bankrupt sale.

Around 1830, Frederick and Lewis Schaum, former glass blowers of the glass works, attained an interest, but the controlling company was Schaum & Everhart.

Around 1840, Everhart was in charge of the window glass factory using the name Reitz and Everhart.

1840, Frederick and Lewis took over the bottle house. They kept the name - Baltimore Glass Manufacturing Co.

In 1852, the Schaum Brothers closed their factory and the property was purchased by Baker Bros. & Co. - sole agents for the Baltimore Glass Manufacturing Co. and the Spring Garden Glass Works.

In 1853, Baker Bros. and Co. (Henry J. and Charles J. Baker) instituted the manufacture of bottles and flasks of all kinds. William Swindell was the factory manager.

In 1873, the Baker Bros. built a flint glass section onto the Baltimore Glass Manufacturing Co. and as of 1905 they were still in operation.

Some of the above information was sent to Mr. N. R. Woodard for his comments. Here are excerpts from his letter.

"As regards B. G. M. CO. Collectors have been trying for months or years to establish a connection between these and Brookfield but it is quite obvious to me that no such connection exists, except that it is possible that some scrap Brookfield molds may have been used by B. G. M.

The Duquesne insulators are a real puzzle. The sources which should reveal their exact identity fail to do so. It may be that I am on the wrong track; but in any case the period of your "Duquesne Glass Works (1865 to 1876) is a bit too early for the insulators; plus the fact that it is "works" and not "company."

LAS VEGAS SHOW

By Addie & Maury Tasem

The Southern Nevada Antique Bottle Collectors held their 8th annual Bottle Show and Sale at the Las Vegas Convention Center on January 20 & 21. Dottie Dougherty headed the show. The show had 77 selling tables and 60 display tables. Of the display tables that featured insulators, Mrs. Frances Strayer was awarded a club blue ribbon for her "Rainbow of Color." She used insulators such as Muncie, Coolie Hat, Calif. helmets, Folembray, and carnival Pyrex. Lyle Strayer received 2nd place "Club Award" for his display of porcelain--" From Ponies to Cables. "

Chuck Henry of Bakersfield, California, won the First Place CROSS ARMS award for best display table adn Richard York of Montour, Idaho, won 2nd place CROSS ARMS award for his display--"Burial in the Past. "



Chuck Henry of Bakersfield, CA, winner of CROSS ARMS ribbon, first place.

Las Vegas Show.



Mrs. Frances Strayer--winner of "Club Blue Ribbon" award for glass insulators.

Lyle Strayer, winner of 2nd place "Club Ribbon" award for porcelain insulators.



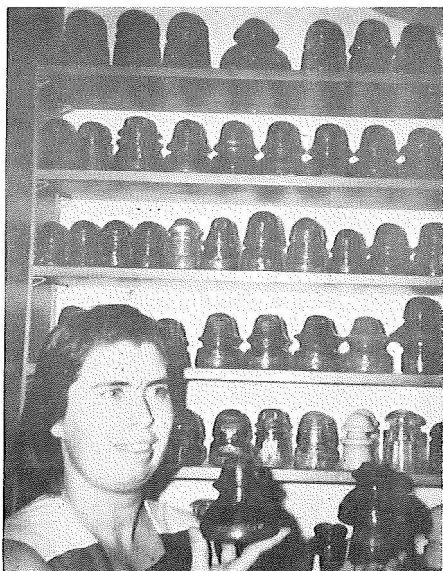
Mr. & Mrs. Paul Wilk of Las Vegas.

Sorry we couldn't get a picture of Richard York, but he had to leave the show early.

KNOW YOUR COLLECTOR

Collector of the month for March is Maury and Addie Tasem of 519 Verdin St., El Cajon, California.

Maury is a public utility employee and is interested in Brookfields. He has been collecting about two years. His wife has been interested in collecting not quite a year. She likes them all. Maury and Addie, along with their 3 sons attend as many shows as possible. They are very active with trading lists and mail correspondence.



Here are Maury and Addie with part of their collection in the background. Addie is holding a CD 469 McLaughlin, USLD, and a "baby Muncie." Maury is in front of his Brookfields. He's holding a Brookfield CD 469. You can't tell from the picture, but there are several purple CD 145, Brookfields on the shelf.

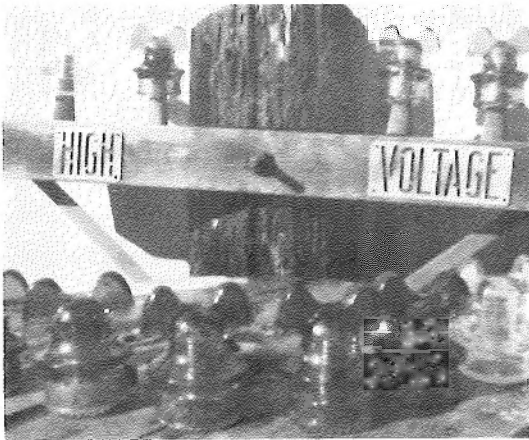
Collector of the month.



left: CD 303 & 310
Hemingray Patent
May 2, 1893.

right: "baby Muncie"
top is a CD 240,
Hemi 23 and sleeve
is a 121 Hemi 16.

The Lynchburg
family, including
a canning jar
that was made 2
weeks prior to
the plant closing.



This is a group
of Mickey Mouses
(CD 257). Every-
one is different.

PATENT INFORMATION

John Anthony Ruth, of Baltimore, Maryland
Patent No. 305,020, September 9, 1884.

My invention relates to improvements in insulators made of two sections.

My improvements consist, essentially, in the combination of an insulator composed of two interlocking sections having a diameter channel or hole passing through the interlocking parts, with the rod and the tie-wire bound to said interlocked sections and to said rod, to firmly and safely unite the parts.

Figure 1 represents in perspective a lightning-rod connected to a portion of the wall of a building by means of my improved insulator...

The insulator proper, A, is preferably of glass; but other approved non-conducting material might be used. It is secured to a wall base-holder, B, of the same material...

A, is locked to its holder by means of the taper of the dovetail connection which is wedge-shaped in the direction of its length.

I claim--

1. The combination of an insulator composed of two interlocking sections, having a diameter channel or hole passing through the interlocked parts of both, with the rod and a tie-wire bound to said interlocked sections and to said rod, substantially as described.
2. The combination with the insulator proper, A, formed with a dovetail, b, which has therein a transverse channel of a base-holder, B, formed with a dovetail socket, c, of a form corresponding to said dovetail, b, and which has the grooves e, as described, passing longitudinally through said holder B, the wire, D, and the rod, substantially as and for the purpose described.

J. A. RUTH.

INSULATOR FOR LIGHTNING RODS

No. 305,020.

Patented Sept. 9, 1884.

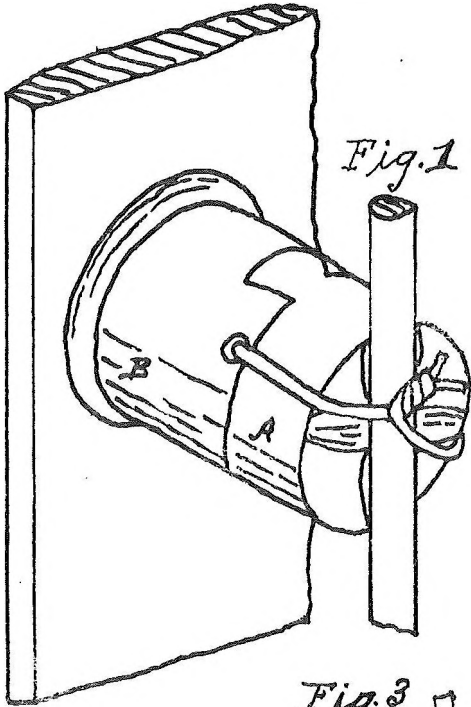


Fig. 1

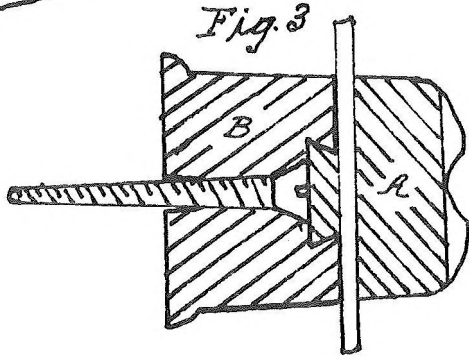


Fig. 3

Attest
Geo. J. Purser
Lucas, Iowa.

Inventor
John Anthony Ruth
by his Attorney,
C. H. Miller

C. D. 724

Colors: aqua, s.c.a., lime, and cobalt.

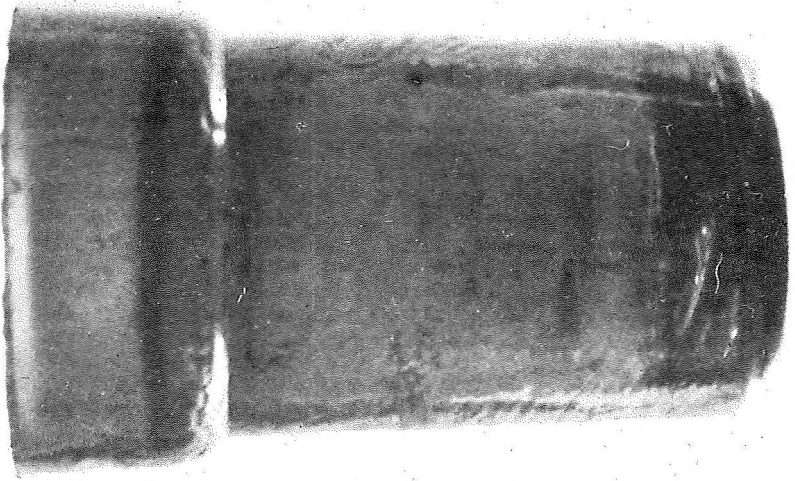
LIST OF EMBOSSINGS:

No name,

Rim: CHESTER, N. Y.

Photo is full size and color is cobalt, courtesy of Brad & Nancy Cook of Ludlowville, NY. Color and embossing information from Brad & Nancy Cook and Dr. Shoenthal of New Hope, PA.

Sketch and embossing of "rubber style" courtesy of Gerald Brown of Two Buttes, CO.



The advantages of this insulator are that wood, a partial insulator, is substituted for iron, a conductor, as a bracket. The full benefit of the non-conducting properties of glass is secured; but the glass surface, well known to collect moisture, is replaced by the painted wooden covering which, at the same time, serves to protect the glass from external violence. This Insulator is believed, by our first telegraph constructors, to be the very best in use."

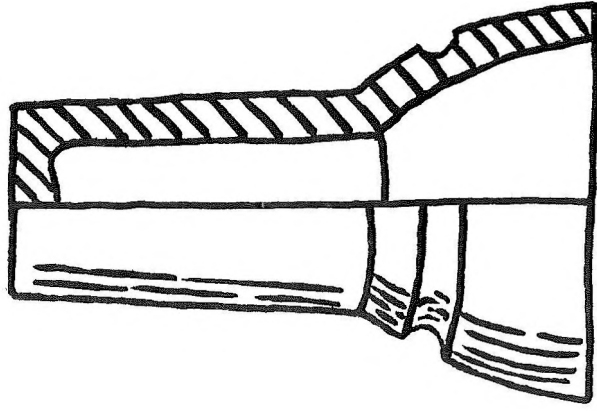
Fig. 79 shows the shield with an iron ring firmly pressed upon it, arranged so as to hold the telegraph wire without "tie" wire, and also giving additional strength to the shield. The size of the wooden shield was four inches in diameter, and six inches in height. The size of the glass was 2"X 4". According to the Chesters' catalogue, the glass part of the insulator was sometimes used without its wooden shield.

In 1861, you could buy a hundred shield insulators for twenty dollars, or twenty cents each. If you wanted them to wear the iron ring, you had to pay a nickel more for each one.

Although the shield insulator sold well, particularly when first introduced, and although it was used over ten years, it eventually proved to be a poor insulator in wet weather. Current leaked badly through the insulator when it became wet, making transmission of messages over long distances very difficult. And the shield suffered the same major defect as the Wade insulator and several forms of iron-bound insulators--when a fracture occurred in the glass, it could not be seen unless one climbed the pole and examined the insulator closely. This was most troublesome for telegraph repairmen who

had to climb every pole when the line did not work.

The shield was but one of many insulators sold by the Chesters over the decades. Though use of it faded in the 1860's, the idea of the iron ring remained, and in 1871, younger brother Stephen patented a modified version of the ring. Another step in the search for the perfect insulator.



This is a full size drawing of the "rubber Chester." It was found while digging in Fresno, California, "inside a Wade."

The insulator is embossed, upside down in the wire groove: GOODYEAR

PAT MAY 3, 1851

CHESTER'S "MODERN" SHIELD INSULATOR

by Penni Branham

The following will appear in Mrs. Branham's forthcoming book....

Charles and John Chester, having taken over the telegraph establishment of John Norton in 1855, shortly thereafter began producing their wooden shield insulator. A magazine of that early period described it thus:

"The following engraving (fig. 78) represents a section of the modern Shield Insulator, now very much used upon telegraph lines, and manufactured by Charles T. and J. N. Chester of New York. It consists of the oak bracket (B), spiked to the pole (P). Over the rounded upper part of this bracket fits the glass (G), and this glass is protected by the tight fitting painted wooden shield (S).

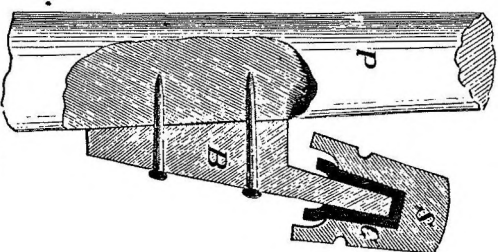


Fig. 78.

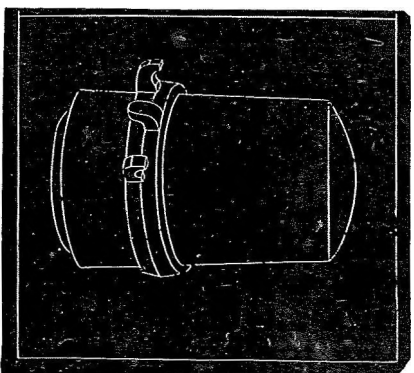


Fig. 79.

Franklin Scott, of Brooklyn, New York.
Patent No. 94,037, dated August 24, 1869.

Figure 1 is a front view of my device, as attached to a lightning-rod, and connected with a building.

Figure 2 is a side view of the insulator proper, also showing a transverse section of the collar by which the insulator is held in position.

The novel features of this device are two, viz, the peculiarly-shaped slot in the glass, through which the electrical conductor passes, and the ribs on the exterior surface of the insulator, in connection with the slotted collar.

My device consists of two pieces, the insulating-piece, which may be made of glass or any other non-conducting material. . provided with a flange, G. . . It also has two or more ribs, attached longitudinally to the body of the insulator, and which, in adjustment, pass through and are received by the slots of the collar.

The ribs II and slots EE, in the collar B, are for the purpose of preventing the insulator from rotating in the collar and releasing the rod.

This form of construction admits of the insulator being attached to or removed from a lightning-rod telegraph-wire, & , without cutting or breaking the connection of the rod or wire.

What I claim in this invention as new, and desire to secure by Letters Patent is--

The combination of the insulator, provided with the slot F, jaws C C, and ribs I I, with the slotted collar B, in the manner and for the purpose set forth.

F. SCOTT.

Insulator.

No 94,037.

Patented Aug. 24. 1869.

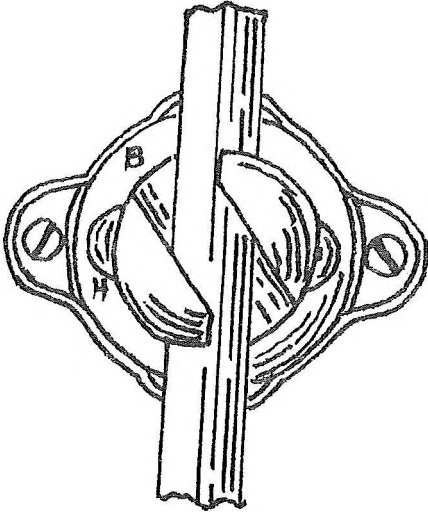


FIG. 1.

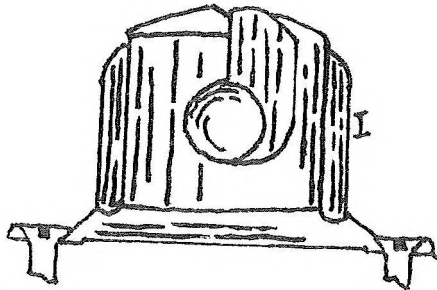


FIG. 2.

Witnesses,

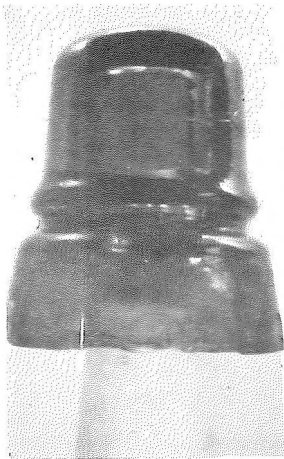
H. B. Donnell
R. A. Quincy

Inventor

Frederick Scott



From Gerald Brown's Second Edition
 From left- All Porcelain, All Porcelain Two-Spouts, Glass and Porcelain--All Lockes.



Left: a cobalt blue threadless no name from H. Makela, South Lansing, NY. Middle- a cobalt blue lightning standoff from Penni Branham, Pennington, NJ. Right: a clear no name threadless (small pin hole) from Bill Cosner of New Hope, PA.

BERGENFIELD, NJ, SHOW

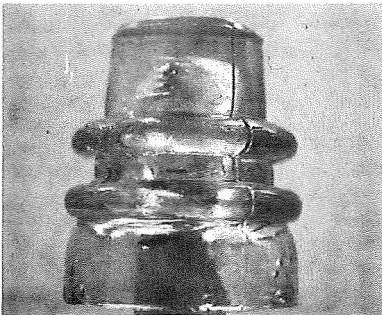
Jerry Wagner of Bergenfield, NJ, sponsored an insulator show on February 4, in Bergenfield, NJ. It was the first show of the year for the area and all 40 tables were busy throughout the day.

The show tables as well as the attendees had quite a few new faces.

Good glass was plentiful and many pieces changed tables or went home with a new owner. Pictured are the award winners, followed by some close-ups of some nice glass from the show.



Kerry Lavendoski of Brasher Falls, NY. Kerry is receiving the ribbon from Bill Cosner one of the judges.



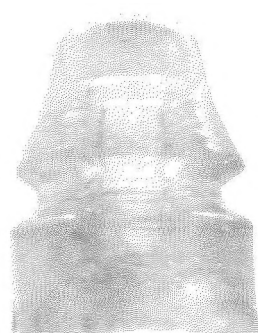
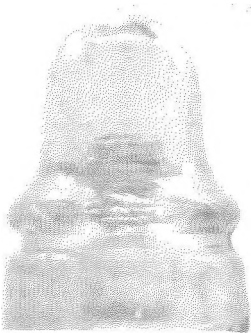
Left: from Kerry Lavendoski of Brasher Falls, a clear no name, threadless found near Lake Champlain. Right: A deep amber, no name threadless from Brad & Nancy Cook of Ludlowville, NY.

Bergenfield, NJ Show.

The husband and wife team, M. & E. Dutcher of Cortland, NY won the 2nd place CROSS ARMS award.



Gene Bond of Moorestown, NJ winner of the Gerald Brown "Porcelain award."



left: an unembossed threadless found in VT by Kerry Lavendoski of Brasher Falls, NY. right: a threadless with a slotted pin hole--pin hole embossed Oakman's Patent, July 26, 1870, from Brad & Nancy Cook of Ludlowville, NY

LETTERS TO THE EDITOR

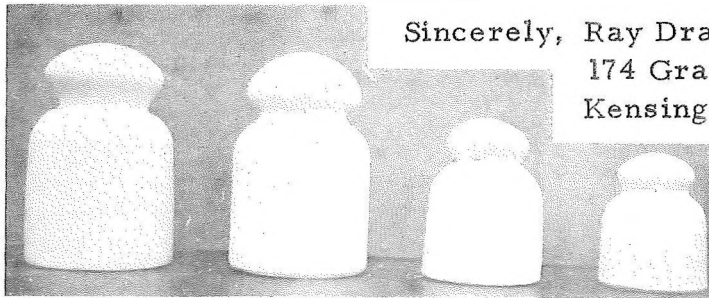
Dear Jim

Enclosed are some photo's of some insulators I received from Germany.

(#'s 1 through 6 are white porcelain)

1. $5 \frac{1}{4} \times 3 \frac{1}{4}$ inner skirt embossed R I G.
2. $5 \frac{1}{8} \times 3 \frac{1}{4}$, inner skirt.
3. $3 \frac{3}{4} \times 2 \frac{3}{4}$, inner skirt.
4. $3 \frac{1}{8} \times 2 \frac{3}{8}$, inner skirt.
5. $5 \frac{3}{8} \times 3 \frac{1}{4}$, inner skirt on both tiers, embossed R I G over 3003?, on top tier.
6. $4 \frac{7}{8} \times 4 \frac{1}{8}$, inner skirt, embossed T. T. T.
7. Glass, (lt aqua), $3 \frac{5}{8} \times 5 \frac{1}{4}$, inner skirt, embossed V E G L A (with a 3 over the G.)

Any information on these would be greatly appreciated. Photo's by Frank Golden Jr.



Sincerely, Ray Drachenberg
174 Grandview Ave.
Kensington, CT



5

6

7

Dear Jim,

I was wondering about Bob Wilson's picture of the Seilers on Page 15 of Feb. '73. Mine reads:

(F) SEILERS PATENT

FEB. 6-1877

(B) PATENT

DEC. 19-1871

What I was wondering was: does he have a differently embossed one than some or is his one of the broken ones repaired. Jim Sanders has the mint one, mine is near mint, Dennis Rogers has a repaired one and Dave Campbell has a broken one. Evidently Bob's is the other one. Could he give me more info on embossing? Also have some info that the light green "Castle" has 39 drips while the light blue has only 30.

Also, does anyone back there know anything about the unembossed CD 102? cobalt? It's not a 102 but close.

Best Regards, John Woodard
Box 204
Sedona, AZ

* * * * *

John:

Bob Wilson's insulator should be embossed the same as yours. If you study the picture closely, you will see the repair line. A lot of the skirt has been renewed with epoxy, from just below the word Seilers to the bottom of the skirt.

I haven't heard about a cobalt 102 no name yet. Rest assured when I do, you can read about it in CROSS ARMS.

Your Editor.

RODNEY WING'S "SLUSH" FUND

As of January 18, 1973, Rodney Wing had pledged to his fund a total of \$240. As you know Rodney is accepting pledges only--no money to build a "slush" fund to aid in convicting and arresting the person or persons who stole insulators from J. Paul Kelly's collection.

In our efforts to keep you informed, we have listed below additional names who have contributed to the fund as of February 15, 1973.

- \$50... Jack Riesselman, 736 S. 45th St. Lincoln, NB.
- \$10... L.H. Foehrenbach, R.D. #3, Indiana, PA 15701
- \$20... Bill Ray 6102 Neckel St., Dearborn, MI
- \$25... Don & Dora Harned (Crown Jewels), Route 1,
Box 475, Chico, Cal. 95926
- \$10... Tim Askew, 8978 Christine Dr., Brighton, MI
48116
- \$10... Gary Hill, 1949 Marlow Rd., Toledo, OH 43613

The total in the fund is now \$365.00.

Acid Dangers and Acid Treatment--A pamphlet everyone should have. Send 25¢ and a large SASE to Mike Voytek, 60 Sassacus Drive, Milford, CT. Mike is a lab technician and he has compiled acid information that could save you from a lot of grief.

NOTICE

Western N. Y. Insulator Club. Meetings 3rd Tuesday of month, 7:30 PM at the Cheektowaga Junior H. S. Rm 139. New members & visitors always welcome. For further information contact: W. N. Y. Insulator Club % D.J. Rider, 799 Cleveland Drive, Cheektowaga, N. Y. 14225. Phone-(716) 837-9235.

CLASSIFIED ADS

WANT CD 781 Isorex, Folembray, or no name in mint or nm condition. All letters answered. Jim Conley, 4428 137th St. Hawthorne, CA 90250.

Pyrex 453 carnival CD 326 mint & beautiful condition, \$38.00 each postpaid. And assortment of 12 cobalt & blue porcelain insulators, \$27.00 postpaid. Jumbo with ears CD 269, \$135.00. Hemi #60 Mickey Mouse clear mint \$50.00 per dozen plus postage. R.D. Wing, 28439 Rosslyn, Garden City, MI 48135. (313) 4211067.

Huge list of insulators and lightning rod balls for sale. SASE Paul McManis, (CA) Route 1, Box 116, Excelsior, MINN. 55331.

FOR SALE OR TRADE- CD 117 &, aqua \$45- CD 425 A. U., aqua \$20, CD 134 OVG Co., aqua \$45- CD 161 star, sdp, aqua \$20 - CD 164 star, sdp \$30 - CD 200 star, aqua \$45- CD 259 California, yellow \$74 - CD 145 H. G. Co, yellow amber \$50 - CD 145 H. G. Co., lt 7 up green \$30 - CD 164 H. G. Co., jade milk \$20 - CD 187 Greeley, NY, aqua \$200. G. Hill, 1949 Marlow Rd., Toldeo, OH 43613.

PORCELAIN INSULATORS GUIDE BOOK FOR COLLECTORS, a comprehensive original research book and complete collector's reference for unipart pin type porcelains. Universal Style Chart with scale drawings of every unipart pin type shape, manufacturer's markings, pricing guide, company histories, etc. The standard for collectors and mail traders. Hardbound, 206 pages, \$10 postpaid. Also 1972 Supplement, \$1.95 postpaid. Jack H. Tod CA, 3427 N. 47th Place, Phoenix, Arizona, 85018.

Gerald Brown's "SECOND EDITION"
of "COLLECTABLE PORCELAIN INSULATORS"

Not a supplement.

A COMPLETE guide for porcelain insulator collectors.

175 pages 8½" x 11" Plastic ring binding

Pictures and drawings describe over 700 porcelain insulators.

From Author Gerald Brown
\$6.00 P.P.) Two Buttes, Co. 81084

I have good glass insulators to trade for lightning rod balls or parts. Will buy lightning rod balls or arrows with glass insert or complete rod. Too many insulators for a list so write your wants and SASE. Insulators for everyone from Hem. 42 to Boston Bottle Works. \$1.00 to \$250.00. Don't forget the big show of the year: FIRST STATE INSULATOR MEET. Write: Charles Irons, Jr., #3 Elizabeth St., Milford, DE 19963.

1973 Specials: Hemingray 25, aqua \$10.00; Hemingray 55, aqua \$5.00; D-512 carnival (real good color) \$20.00; Manhattan, blue (small base chip) \$20.00; 1003 fireplug (largest style) \$12.50; 1002 fireplug, \$5.00; electric blue (nm) Mickey Mouses \$9.00; No. 3 Cable, aqua \$22.00; Green Glass(French) sombrero metal on \$4.00; 54 A/B two piece SCA transposition \$35.00; porcelain fogbowl, gray \$6.00; Brookfield transposition \$10.00; Gaynor 530, aqua \$12.50; 7 up green Hemingray #9 \$6.00; Private Issue No. 2 Columbia \$20.00 and \$10.00; Hemingray 62 Cable, aqua \$6.00; Tatum 512U, dark amber \$4.00; Porcelain cutter \$30.00; unembossed 100 Cable (rare) nm \$40.00; Milholland's latest hard back book \$10.00. All above mint or vvvnm plus postage. L. Veneziano, 8310 Center, Rivergrove, IL 60171.

 * MARCH 18, The Middletown Antique Bottle Col-
 * lectors and the Glastonbury Bottle Federation will
 * co-sponsor a Bottle and Insulator Show in Glaston-
 * bury, Conn., at the Hebron Ave. School, Hebron,
 * Ave., Glastonbury, Conn. Time: 10:00 AM to
 * 5:00 PM. Dealers may set up at 8:00 AM. Tables
 * are \$6.00 - Contact Joyce Papetti, 233 Neipsic Rd.
 * Glastonbury, Conn. Tel. (203) 633-4716.
 * (This show always has at least 10-15 insulator tables)
 *

RARE LIGHTNING ROD INSULATORS

I have a few s. c. a. Cross Tops and Hole Thrus (tubes) left. Cross Tops-\$20 Hole Thrus-\$25. CONDITIONS FROM GOOD TO N. M., SASE for further information (will consider trades.)

I NEED: All 3 sizes of CD 149, all colors & embossed. Also good mold errors on CD 104's, 143's, 145's, and 147's-common L. R. B. 's and Antique Advertising for Resale. Write: Mike Bonne, R. R. #1, Knightstown, Ind. 46148. Phone: wk days 7-9 (317) 345-5206.

Sale or trade: CD 160 Armstrong 14, mint. Best offer. Looking for CD 160 KCGW or OVG CO. mint cond. only. Jerry Wagner, 15 N. Demarest Ave., Bergenfield, N. J. 07621.

FOR SALE: Porcelain "Cutter" with original bracket. Mint-\$30.00; n. m. \$25.00. U-398 Thomas (M)-\$8.00. H. E. Makela, P. O. Box 122, South Lansing, NY 14882.

For Sale: CD 321 "Bat Ears" very good condition. Minor crack or flake-\$10.00 each or \$8.00 ea. in lots of 5. You pay postage. Arch Stanger, 720 Bryan Ave., Salt Lake City, 84105.

8 A.M. - 6 P.M.

SECOND EASTERN
NATIONAL
INSULATOR MEET
APRIL 14 & 15
ITHACA, N.Y.

HIGH SCHOOL CAFETERIA

Reservations needed by April 10, 1973

Set up time will be Saturday morning at 7 AM

Tables are approximately 6' X 30" - Room for 75-80 tables

There will be a section for DISPLAYS ONLY - limited space - so first come first served - (You will be responsible for your own displays during the day) All collectors will vote on ribbons to be awarded.

Table prices are: \$15.00 per table for both days

(if you wish a table for only 1 day - it will still be \$15.00)
PLEASE REMIT CHECK OR M.O. FOR TABLE SPACE WANTED WHEN SENDING IN CONTRACT. SORRY, NO REFUNDS WILL BE MADE DUE TO EXPENSES.

There will be a security guard Saturday night.

There will be a small lunch counter & door prizes will be given each day.

Public admission 50¢ for those 6 and over. Door open to public at 8 AM.

THERE WILL BE A BUFFET SUPPER SATURDAY NIGHT, FOR ALL THOSE WHO WOULD LIKE TO GET TOGETHER - Price is \$3.75 - payable At the Restaurant!

FOR FURTHER INFORMATION OR CONTRACTS, PLEASE CONTACT: BRAD & NANCY COOK, 507 RIDGE RD., Ludlowville, N.Y. 14862. Phone: (607) 533-7515.

ATTENTION: Jack Tod will be attending the show.

FOR SALE - GLASS INSULATORS: PRIVATE ISSUE
 No 2 / Columbia / LSV (Milholland New Book page
 181 CD 262) NOW Available in COBALT BLUE AND
 GREEN GLASS. Mint @ 20.00 each VNM @ 15.00
 each plus 1.00 post. NEW Milholland REVISED Book
 AND Price list a 10.00.



VENEZIANO
 324 Hawthorne
 Bensenville, Ill 60106



Insulators for sale at realistic prices - please send
 large SASE for new list. Some porcelain, mostly
 glass. Good variety available. Wanted: Base rim
 embossed, lightning rod insulators & threadless.
 Prefer to trade but will buy if no trade possible.
 Phil Harding, George Street, Mendon, MA 01756.

Cash for rare insulators. Unusual shapes and colors,
 threadless, cobalt, etc. Paul Kelly, 401 National
 Bank Bldg., South Bend, Ind. 46601.

INSULATOR LIST. Common to scarce. Pleated
 skirt, Jumbo, Hem spaceship, etc. Send stamped
 envelope. Phil Balkan, 5860 Tobias Ave., Van Nuys,
 Cal. 91401

CD 152 California's for sale \$3.00 n.m., \$4.00 m
 smokey or s.c.a.; CD 154 McLaughlin 42's various
 colors \$2.00 each, plus postage. Have others for sale
 or trade. Interested in buying CD 160 series. Mrs.
 Janet Bond, 1508 Marshall St., Antioch, Cal. 94509.

Will trade insulators for brass railroad locks, or any
 padlock embossed Winchester or Keen Kutter. Dave
 Fullmer, 18148 Gresham Northridge, Calif. 91324.

INSULATORS AT REALISTIC PRICES:

RAMS HORNS (fibre)	N. M.	\$10.00
RAMS HORNS (in wood block)	N. M.	15.00
CD 149's	M. & N. M.	20.00
CD 449's	M. & N. M.	30.00
CD 134 T-H. E. CO. (some chips, display o. k.)		8.00
CD 202 #14	good N. M.	10.00
CD 202 Locke, Victor NY#14 dated	N. M. to good	12.00
CD 252 LYNCHBURG #2 Cable (minor chips)		12.00
Lightning rod insulator (rare STAR)	N. M.	15.00
Lightning rod insulator, white porcelain embossed "KRETZER BRAND)	N. M.	22.00

Postage & insurance extra. Satisfaction or 10 return period allowance. Phil Harding, George St., Mendon, Mass. 01756

MOST ABOUT GLASS INSULATORS—REVISED

By Milholland

2000 Glass Insulators described in complete detail. Hundreds of full size photos and machine drawings listed with Consolidated Design numbers for pin type and threadless insulators. Historical information of real interest. Complete production record of many insulators. Stories by the top authorities in the Telephone and insulator world. This 264-page hard cover book together with the 1973 suggested price list \$10.00 Post Paid.

ALSO

THE FAVORITE MILHOLLANDS No. 2 BOOK

Milhollands Glass Insulator Reference Book No. 2—Nearly 700 insulators described. Full size photos and machine drawings. Paper back book. Complete with 1973 Suggested Price List. For the beginner a must. \$4.50 post paid.

1973 Suggested Price List, separate, \$1.50 post paid.

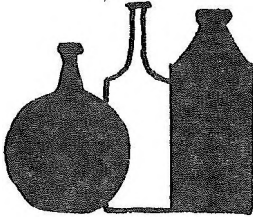
These books from your dealer or order direct.

Marion Milholland, Rt. 2, Box 368
Sequim, Wash. 98382

"Hot Cross Bun", no name, CD 141, aqua--\$8.00 vnm;
CD 125 Hemingray WU-5 Pat. May 2, 1893, aqua, vnm-
\$7.00; CD 152 California, med to lt. SCA, vnm-\$5.50;
CD 112 California, med & lt. SCA, vnm-\$14.00; CD 208
California, SCA, mint-\$33.00; CD 162 KCGW, aqua,
vnm-\$14.00; CD 202 K, smooth base, aqua, good, dis-
plays vnm-\$15.00; CD 202 Hemingray 53, aqua, mint &
vnm-\$8.50; CD 230 Hemingray Lowex D512, amber,
vnm-\$6.00; CD 143 faint Canadian Pacific Ry. Co. under
horiz. ridges to wire groove, vertical ridges groove to
crown, aqua, nm+-\$47.00. Plus Postage & insurance
please. Allan Beck, Box 245, Ashaway, RI 02804.

FOR SALE: Brooks, Tillitson threaded, threadless
ECM's, Chicagos etc. Over 200 on list available for
SASE. Jack Riesselman, 736 S. 45th, Lincoln, Nebr
68510.

Hemingray #25, aqua mint-\$9.00; Hemingray 62, aqua
mint- \$5.00; CD 252 Knowles, aqua mint-\$6.00; Hem-
ingray 54 A/B 2 pc. s.c.a. m. -\$35.00; Hemingray 55,
blue mint-\$5.00; porcelain fog bowl-\$5.50; Mickey
Mouse, blue mint-\$9.00 v.n.m. -\$7.50, n.m. -\$6.00;
Hemingray D-510, amber mint-\$6.00; Gaynor 530, aqua
mint-\$10.00; Manhattan, aqua mint-\$32.50, v.n.m. -
\$27.50; Lynchburg 530, aqua mint-\$15.00, n.m. -\$10.00;
Lynchberg 53, aqua mint-\$17.50; Maywell 20, white
milk glass mint- \$5.00; Hemingray 60, clear mint-
\$4.50; Brookfield CD 205 in. sk. ch. -\$5.00; Brook-
field #3 transposition, aqua v.n.m. -\$8. Postage
please. WANTED: CD 252 Gaynor m., CD 259 Star,
and other cables and helmets. Large trade list. Sam
Dwire, Rt. #3, Ottawa, Ill 61350.



GENESEE VALLEY BOTTLE
COLLECTORS ASSOCIATION
Proudly Presents...

4th Annual Major Eastern
BOTTLE SHOW & SALE

APRIL 28-29 Monroe County Fairgrounds 10 AM-5 PM
Rochester, N. Y.

Adults - \$1.00 Children (under 12) \$.50

Show Chairman: Jack Stecher, 230 Eileen Dr.,
Rochester, NY 14616 Tel. (716) 621-4701

SALE OR TRADE

CD 143	GNW Dwight Pattern, aqua mint	\$100
	#2 Columbia, aqua mint	150
	blue castle, vvvnm	225
	lt. straw castle (1 turret missing)	225
CD 267	#4 Cable, aqua mint	175
CD 1001	Large cutter vvmn, aqua	125
CD 254	#3 Cable, aqua mint	25

Jerry Wagner, 15 N. Demarest Ave., Bergenfield, NJ
07621. (201) 384-5213.

EL PASO CENTENNIAL COLLECTORS SHOW

Bottles Insulators Historical & Frontier Artifacts

in conjunction with nationally advertised

ANIVERSARIO DEL PASO '73

Sat. May 12: 8 AM-8 PM Sun. May 13: 8 AM-6 PM
National Guard Armory Security Guard Furnished

75 Tables \$7.50 one day \$15.00 two days

Bob Keyes 1032 Burgess El Paso, Texas 79907
Tel. (915) 598-3212

BUY

SELL

TRADE

The following are a few insulators I have available at present-for a complete list please send a large SASE.

CD 200 California SCA (3 small chips)	\$180
CD 260 California peach-V. N. M.	\$150
CD 260 California SCA-V. N. M.	\$150
?? California aqua- N. M. #10 Egg	\$400
CD 123 E. C. &M. CO. cobalt V. N. M.	\$290
CD 123 E. C. &M. CO. aqua (all bubbles) M.	\$140
CD 130 Cal. Elec. Works. aqua (amber swirls)	
V. N. M.	\$150
CD 130 Ca. Elec. Works-cobalt-ch. at rear bs.	\$550
CD 267 N. E. G. M. CO. aqua-very nice	\$600
CD 206 Castle Green. N. M.	\$140

I am also interested in buying collections, rare single pieces, threadless or quantities of color or shape.

CHUCK HENRY 7400 PEMBROKE AVE.
Bakersfield, CA 93308 Ph. 805-399-8892.

1ST PENNSYLVANIA INSULATOR SHOW

Greater Harrisburg Area

JUNE 10, 1973

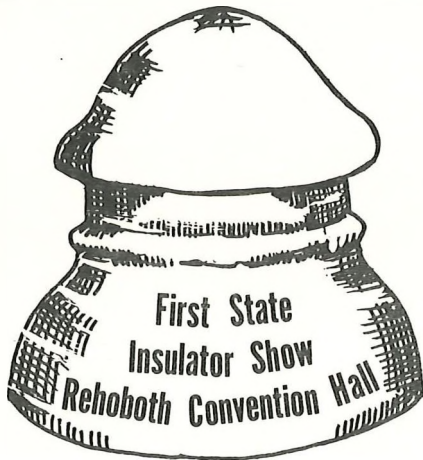
Show site at the Embers Room of the Quality Motel and Embers Restaurant, Carlisle, PA. 2 miles on Rt. 11 off Exit #16 on PA Turnpike. Easy access from I-81 and I-83. 15 minutes from Harrisburg.

50+ TABLES

Full table... \$7.50	Awards
Half table... \$4.50	Door prizes
Admission.. \$.75	Quality food
Dealer setup 6-8 AM	Open to public 8 AM-5 PM
Contact: Edward Szymala	J-137 Belmont Plaza Apts.
King of Prussia, PA 19406	(215) 265-6679

LARGEST INSULATOR SHOW On The East Coast

Swap - Show - Sale



SUNDAY, APRIL 29, 1973
Rehoboth Beach, Delaware

"100" Tables

ALL TABLES 2½' x 8'

Everyone is welcome to display free of charge, but our space is limited so apply early.

There will be Ribbons Awarded From Cross Arms, Crown Jewels, O.B.X..., plus a custom designed plaque awarded for "Best in Show"

Marion Tull, Jr.
Box 302 -- Rt. 1
Seaford, Del. 19973
Phone [301] 754-9290

OR

Charles Irons, Jr.
3 Elizabeth Street
Milford, Del. 19963
Phone [302] 422-5712

Breakfast and Lunch will be served on the premises for your convenience.

large modern
building

free dealer directory

door prizes

motel just 2
blocks away

bottles welcome
too

ribbons

admission 50¢

custom designed plaque for
"best in show"

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.

ADVERTISING RATES:

DISPLAY ADS:

1/4 page - \$5.00 per issue
* \$12.00 per three issues

1/2 page - \$10.00 per issue
* \$25.00 per three issues

Full page - \$18.00 per issue
* \$45.00 per three issues

\$.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.

**CROSS
ARMS**

367 Signal Hill Road
King of Prussia, Pa.
19406

RETURN POSTAGE GUARANTEED



FIRST CLASS MAIL

John R. Snyder
244 Wagoder Blvd.
Toledo, OH 43612