CROSS ARMS an eastern insulator collectors' magazine

50 cents JULY, 1972

367 Signal Hill Road King of Prussia, Pa. 19406 WITH THIS COUPON 10% OFF ON ALL ADS RECEIVED BETWEEN JULY 1 AND AUGUST 15

please deduct before sending money

CROSS ARMS

An Eastern Insulator Collector's Magazine

S. C.

Vol. 1. No. 6

July 1972

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

Single copy 50 cents. Subscription price \$5.00 (12 issues) Back issues available at \$.50 each.

Copyright © 1972 by CROSS ARMS This journal is protected by copyright and no part of it may be reproduced in any manner without written permission from the publisher.

TABLE OF CONTENTS

	Page
CD of the Month (257)	14
Classified Ads	25
Know Your Collector	6
Letters to the Editor	19
Market News	12
Patent Information	8
Rate Page	24
Shows & Swaps	2
Title Page	1

CD of the month for August is 410.

SHOWS AND SWAPS

This section is free of charge to anyone interested in having an announcement of their coming show published. We would be glad to print any information you would like to send to us. Also CROSS ARMS has decided to give out its first ribbon at the Vienna meet on June 24 and anyone interested in awarding a CROSS ARMS ribbon please contact us for more information.

The guide for the calendar is as follows:

(B. S.) for bottle show.
(I. S.) for insulator show and swap.
(+) indicates more information is available on the following pages.

CALENDAR

JULY

1,2 (I.S.) (+) Kansas City, Mo., President Hotel.
1,2 (B.S. & I.S.) (+) Portsmouth, Maine.
a (B.S.) Saratoga Springs, N.Y.
8,9 (B.S.) York, Pa. York Interstate Fairgrounds.
8,9 (B.S.) Petoskey, Mich. Emmett Co. Fairgrounds.
9 (B.S.) Fremont, Ohio Fairgrounds.

AUGUST

4,5 (B.S.) Dallas, Texas Market Hall.
6 (B.S.) Lake George, N.Y. Holiday Inn.
6 (I.S.) (+) Bergenfield, New Jersey.
26 (B.S. & I.S.) (+) Westerly, R.I.

2,3 (B.S. & I.S.) Hutchinson Kans. Sports Arena.
3 (B.S.) New Holland, Pa. Liberty Fire Hall.
23,24 (B.S.) Louisville, KY
24,25 (B.S.) Washoe County Fairgrounds, Reno, NV.

OCTOBER

- 1 (I.S.) (+) Middletown, N.Y., B.S. Enterprises. 1 (B.S.) Canton, Ohio Imperial House Motel.
- 8 (B.S.) Bridgeport, Conn.
- 14,15 (I.S.) (+) St. Charles, IL Kane County Fairgrounds.
- 22 (S) Keene, N. H. Keene Recreation Center.

ADDITIONAL INFORMATION

JULY1&2

A bottle show will be held at the Portsmouth Senior High School gymnasium by the New England Bottle Club.

There will be an auction on Saturday. There will be room for about 100 tables. All tables will be 8' x $2 \frac{1}{2}$. All tables must have covers. No reproductions allowed unless marked as new.

Additional information can be obtained form John W. Morgan, P.O. Box 24, Portsmouth, N.H. 03801 (603) 436-2545. For the auction write: Robert Heath, Union, ME. (207) 785-4228.

JULY1&2

The Third National Insulator Show will be held at the

President Hotel, Kansas City, MO. A National Insulator Club is now being formed and voting for officers is on the schedule for Saturday. For more information contact: Mr. & Mrs. Si Pellow, 5609 Byham Ford Rd., Kansas City, MO 64133.

AUGUST 6

Bergenfield Recreation Center, 47 Legion Drive, Bergenfield, New Jersey will be the site of the Mid-Atlantic Collectors Association show and swap meet. Reservations will be \$5 per table. Doors open for table holders at 8 a.m. Admission for general public 75¢. For more information contact: Jerry Wagner, 15N. Demarest Ave., Bergenfield, New Jersey. Ph. (201) 384-5213.

AUGUST 26

A bottle and insulator show and sale will be sponsored by the United Congregational Church of Westerly, R. I. at the church, Hinkley Hill Rd., just off U. S. Route 1 south of Westerly, R. I. on Saturday, August 26 Cost per table-\$6, with two tables-\$9. For information contact Allan D. Beck, Box 245, Ashaway, R. I. 02804. Ph. (401) 377 2453.

OCTOBER 1

The second insulator show and trade of 1972 will be held by B. S. Enterprises on October 1st in Fancher Davidge Park, Middletown, New York. Each shelter contains twenty 12 foot tables for which a six foot table length reservation is \$3.00 and a 12 foot table is \$6.00 including admission. Admission for the general public is \$.50. Set up time is 9 a.m. with general admission open at 10 a.m.

trophies and free door prizes will be awarded. Coffee, soda and hot food will be available for reasonable prices.

Please have reservations in by Sept. 23rd. Write to B.S. Enterprises, 40 Lafayette Ave., Middletown, New York.

OCTOBER 14 & 15

The first Annual Chicago Mid-West National Insulator "Jumbo" show will be held at Kane County Fairgrounds in St. Charles, Illinois, October 14 and 15.

There will be room for 200+ tables and a 3000 car parking lot. Display tables will be \$10.00 per day, booths (3 tables) will be \$25.00 per day. For reservations and further information call (312) 766-3705 or write: Dick Augustyn, 650 South Harvard Ave., Addison IL, 60101 or Larry Veneziano, 324 Hawthorne Dr., Bensenville, IL 60106.

We have received a few letters telling us that sometimes two pages in the middle of our magazine are blank. I think this would be an appropriate time to fill in our new subscribers. The middle page of CROSS ARMS is where our monthly feature, C.D. of the month appears. This page is removable and will fit nicely in a standard 3 ring note book. We show pictures or sketches of insulators and try to list all the known embossings. To do this we have received the permission of Mr. N. R. Woodward for the C.D. numbers and Mr. Marion Milholland for some of the embossings.

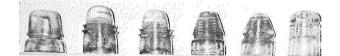
Every month we list the future C.D. on our title page. Anyone having any information on it we would appreciate hearing from you.

KNOW YOUR COLLECTOR

Collector for the month of July is Dr. W. J. Shoenthal of New Hope, Pa. The doctor has been collecting for about 2 years. We usually try to put in a single picture of insulators but Dr. Shoenthal like Mr. William Cosner (see May issue) has so many beautiful insulators it was hard to pick any one. Therefore we tried to pick "the best of the lot".

Dr. Shoenthal





unemb. M. T. Co. oval pinhole - CD 459 unemb. Boston Bottle complete threads - sm. unemb. Boston Bottle - unemb. Paisley with 2 on dome - CD 433 Pat. dated Dec. 19, 1871 (CA) No. 2 on dome D on skirt - CD 127 unemb. Westinghouse W on dome.



CD 200 Cal transposition (SCA) - CD 416 B experimental insulator - CD 436 E. R. W. - CD 127 unemb. Hemingray Pat. Dec. 19, 1871 - CD 162 S. S. & Co. mfg's Chicago #19 - CD 113 Westinghouse #4.



1 to r: CD 200 Star Transposition - W. Brookfield on dome; Locke patents pending triple petticoat -CD 145 T. H. E. Co. no inner skirt - CD 110 Brookfield spiral groove Pat. Oct. 8, 1907 no inner skirt -CD 150 Brookfield Oct 8, 1907.



1 to r: rim emb. Pat. Aug 19, 1890 - CD 105 Chicago pony - Washboard threadless - (3 lug) no inner skirt Oct. 15, 1872 - CD 130 Cal. Elec. Co. - CD 112 Brookfield keg



l to r: Ponds - CD 134 T. H. E. (amber) - CD 700 magnetic egg - CD 723 unemb. Chester - Pat. dates Jan 25, 1870, Pat Feb. 22, 1870 dome emb. Tilson, N. Y. - block 1846.



Front: Dry Spot Insulator No. 10 Back: Whitall Tatum A Made in U.S.A. Courtesy of Larry Foehrenbach of Indiana, Pa.

Below: Embossed Chester, N.Y. Courtesy of Audrey Stecher of Rochester, N.Y.





CD 244 Embossed Front: Hemingray Pat. May 2, 1893. Back: High Voltage No. 3 Triple Petticoat. Courtesy of Richard Case of Stillman Valley, Ill.

PATENT INFORMATION

Pat. No. 323,055 by Thomas McGrory of Phila., PA.

"This invention relates to insulators and holders for telegraph or other wires, and it has for its objects to provide one which will be by its construction effective and cheap, and one with which wires may be expeditiously handled and always securely held in place as will be herein after set forth.

Fig. 1 is a front view and Fig. 2 a side elevation of same. "A" represents the body of the insulator and holder. This body has an irregular opening in its front side, for that which is presented to the wire to be held. This opening is curved from its two edges downward. Each of the edges at the ends of this curved opening is recessed in such a manner as to securely retain such sized wire as may be placed therein. My object is to make the curve sufficiently acute that the wire contact at its edges within the recesses will be as little as possible to have strength.

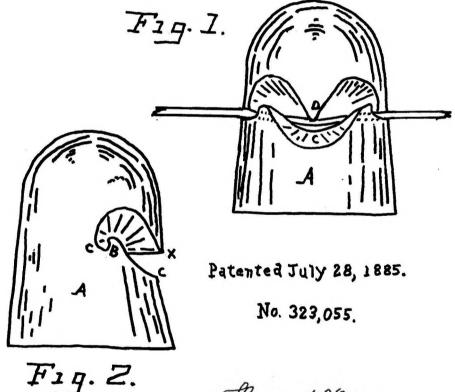
"C C" represent the recesses and "B B" the projecting points on the outer sides of same.

"e" represents a downwardly beveled and curved mouth to the opening.

Projecting downwardly from above the curved opening a little below a line drawn from the bottom of the recess "C" to that of the other is a V shaped bridge "D". The edge of the bridge near its inner end is slotted in order to receive and assist in retaining the wire. The point x of this bridge projects over and beyond the mouth "e" for the purpose of catching and acting as a guide for

the wire as it is forced up the inclined edges of said mouth to the recesses "C C". In inserting the wire, whether it be above or below the insulator, it must be caught under the projection x of the bridge, and then it may easily be forced into position.

I have an insulator patented which is deficient in this respect and which I find difficult to manufacture on account of its peculiar construction. This insulator is intended to cure the defects in my former patent."



Thomas Mc Grong

Patent No. 274,821 by William H. Reiff of Philadelphia, Pennsylvania. The object of the invention was to provide a suitable and cheap device to insulate wires in general, but more particularly those supported on telegraph poles. He did not confine himself to the exact form but claimed it could be modified and still not depart from his invention.

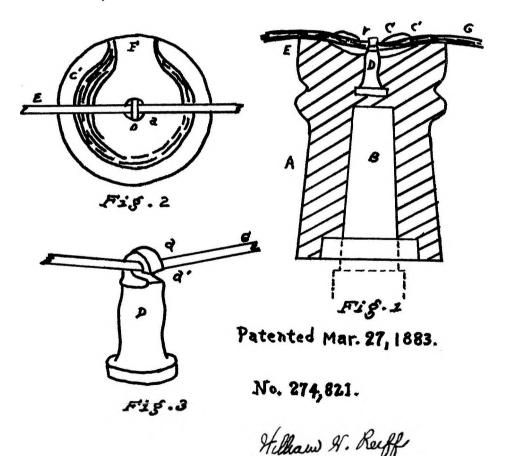
"My invention has reference to insulators for electric wires; and it consists in an inverted-cup glass casting, in which is secured, at the top, a metallic hook, under which the wire is placed, the said hook being placed, at a lower level than the supporting-rims of glass and in many details of construction which are shown in the accompanying drawings.

In the drawings, Fig. 1 is a sectional elevation of the insulator on line x x. Fig. 2 is the plan view of same, and Fig. 3 is a perspective view of the metallic hook cast in the glass.

"A" is the glass body; and is provided with a slightly conical hole, "B", to fit upon the support of wood; or, if desired, this hole may be screw-threaded, as is customary. The top part is depressed or saucer-shaped as at "C", and in the middle is cast the hook "D", having at the bottom the retaining enlargement "D" and at the top the hook "d", having the opening "d", opening therein close to the bottom. Any other form of hook may be used. It is not desirable that the bottom "D" of the hook-piece should extend into the socket "B", though such a construction is possible.

"C" is a rim on the upper edge of the body "A", and is somewhat above the top of the hook, so that the wire "G" must be bent down to be placed under the hook part "d", and is prevented from sliding by grooves "E" where it rests. Part of this rim "C" may be cut away, as at "F", to allow any water to run off; but this is not necessary. The rim "C" need not extend all around, unless desired, as simple grooved extensions may be used, over which the wires are guided.

The greater the weight on the wire, the stronger it holds upon the insulator; but if it should break, the wire would slip off and the end fall to the ground or draw through the hook until supported, so as to relieve the pole from any excessive unbalanced strain."



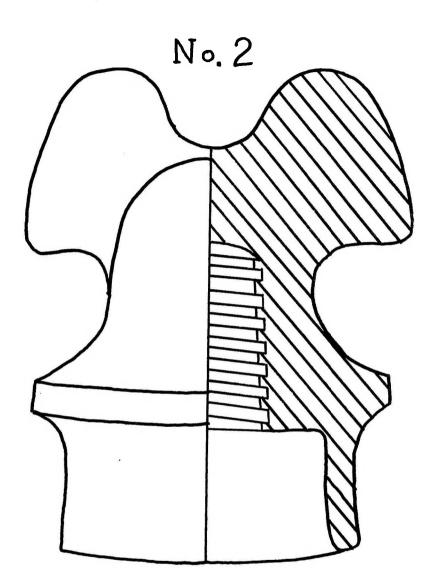
Front: Hemingray 60 Numbers and dots. Front: Made in U.S.A. Hemingray No. 60. Back: Patent June 17, 1890 - May 2, 1893 - Drip points. LIST OF EMBOSSINGS:

Back: Made in U.S.A. - Number - Drip points.

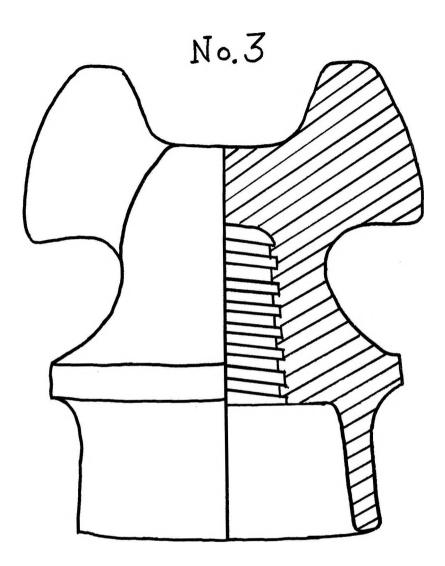
Front: Hemingray No. 60A. Back: Made in U.S.A. May 2, 1893 - Drip points.

Front: Hemingray Back: Patent June 17, 1890 May 2, 1893 - Drip points.

Front: Patent June 17, 1890. Back: Patent May 2, 1893 (no name) - Drip points.



The wire groove on this insulator varies. I have sketched both sizes of wire groove. The Number 3 size has a wide groove with thin ears. The Number 2 size has a narrow groove with thick ears. I have



found the wider the ears, the older the insulator is. Most Number 3 sizes are not dated.



NEW BOOK COMING

MOST ABOUT GLASS INSULATORS-REVISED

In their efforts to bring to the insulator hobby as nearly complete a book on glass insulators as possible, each year the Milhollands visit a greater portion of the United States and parts of Canada to keep in touch with collectors, clubs, shows, flea markets and antique stores. They learn first hand the current prices being asked for insulators in all parts of the country. Their new book will contain:

"stories"

The early to present design of glass insulators in use. Photos showing the advancement of insulator manufacturing machines including the fully automatic one now being used by the KERR plant at Millville, New Jersey. Story and photos furnished by "Mr. I. Earl DuBois", the general manager and Vice President of the Wheaton Glass Co. at Millville, New Jersey.

"stories"

Pioneers of America story, together with the production totals of the No. 1, 60th anniversary of the Telephone Pioneers of America, "Human Service" insulator, as well as the total numbers of the colors produced, plus the story of early glass manufacture in Americathanks to the efforts of Joseph Frederick of Columbus, Ohio.

"additions"

New "Consolidated Numbers" for many threaded and

threadless insulators, together with the total production of each type Lynchburg insulators- thanks to Mr. N.R. Woodard of Houston, Texas.

"additions"

550 new additions described by means of addition of insulators, new photos, new "consolidated Design Numbers", other colors and embossings to make a total of nearly 2000 insulators described in one hard cover book completely indexed. Every collector can benefit from the wealth of information available in the Milhollands new book which will be available for purchase July 10th, 1972.

New Bottle Clubs Forming

There is a bottle club forming in Pennsylvania. For more information write P.O. Box 19, Revere, Pa. 18953.

New Bottle Club forming in Ohio. Contact: Tom Buvers, 10135 New Buffalo Rd., Canfield, Ohio 44406

Michigan area bottle club forming. Write Mrs. Sherman R. Smith, 12475 Saline-Milan Rd., Milan, Michigan 48160.

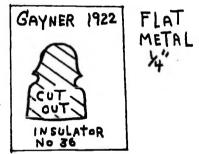
LETTERS TO THE EDITOR

Hello Jim:

The new DPl was made and the embossing is as follows: (KPP 1 Armstrong DPl) K.P.P. standing for Kerr Package Products. I will not go into details as Don Wentzel is also writing you about this insulator and will fill you in.

One other item I have that may be of interest is called a (no-go guage) from Gayner Glass Co., will try to explain its use.

This was used to spot check the insulator, if they fit through the opening they were not to specification. This one was used for the #36-190 it showed Gayner unlike Brookfield did have some quality control. It was given to me by my neighbor a long time



employee of Gayner Glass Co. He found it in a box in the warehouse. Needless to say I asked him to look in every box in Gayner, but so far this is the only one. This may seem to be nothing to some collectors but to me it was like finding a good insulator, I like the glass but also like the history behind it. Will bring it with me to Bergenfield.

> Best regards, Bob Moss. * * * * * *

Thanks Bob, am looking forward to seeing you at Bergenfield and your find sounds very interesting. Dear Mr. Garrity:

Have been meaning to drop you a line but just didn't get around to it. The newest Kerr insulator is the DP-1 with KPP added before the word Armstrong DP1. Kerr felt they should not drop the Armstrong name on the DP-1 as it is well known in the trade so they added the KPP for Kerr Packaging Products.

Sincerely, Don Wentzel.

We recently received this letter which was written to Mr. John Balazs of Lancaster and thought it would be of interest to some of you collectors.

Dear Mr. Balazs:

Received your letter of May 8 concerning insulators.

Strange as it seems we in Beaver Falls, have never picked up either of the insulators that you mention in your letter.

The Paisley Insulators were made at the Valley Glass Co. in the early 1890's. Paisley himself was a mold maker and I think he was doing a little moonlighting on the side in regards to the insulators.

We did have a Beaver Falls Glass Co. in town, but it burned in Aug. 1907. It manufactured commercial products (Glass Canning Jars, Medicine Bottles, etc.) and could of very easily made insulators. I have dug most of the old sites to prove what our companys did make. Glass Companies are tough as they did not waste much of the scrap glass.

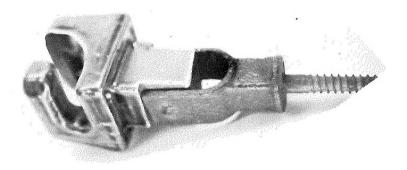
There is a sewage plant on the Valley Glass and a large freight station on the Beaver Falls Glass Co. Have been contacted about the Paisley by Insulator Catalogue Authors but not about the Beaver Falls Glass Co. Maybe you have something. Good luck.

> Robert Bonnage Director of Beaver County History Research

Dear Jim:

Here is a picture of an odd porcelain insulator I recently found. It was screwed into a tree in the city of Philadelphia. I don't know what it is. I am hoping you or some of your readers can fill me in. There are no manufacturing trade marks on it.

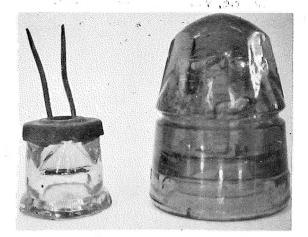
> Steve Bobb Audubon, PA 19401



It certainly is an odd insulator, Bob. I don't have any information at this time, but I have forwarded a picture and description to Jack Tod. As soon as I get an answer I will let you know. Thanks for thinking of us.

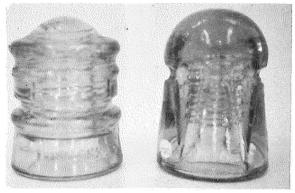
Your Editor

11 188 1 1 to 1 Here Margar



l to r: SCA Otis wiggle top; rim embossed Boston Bottle Works. Courtesy of Fred Morgan of Portsmouth, N. H.

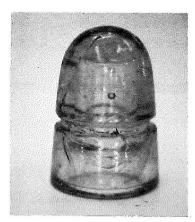
l to r. Duquesne keg; Chicago tear drop. Courtesy of J. Paul and Nell Kelley of South Bend, IN.





3 1 t to 1

Embossed error: F.M. Lacke Victor, N.Y. Pat'd May 22, 1894. Back: No. 15. Courtesy of George Lahm of Callicoon, N.Y.



Threadless Canadian Beehive (unembossed) from Floyd Rutledge, Toronto, Ontario, Canada.

Lightening rod insulator found in Norristown area by Frank Ivens.





Locke "cross top" transposition courtesy of Mickey Dutcher of Cortland, N.Y.

Photo by J. Kelley of Dryden, N.Y.

ADVERTISING RATES are as follows: 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

Classified Advertising:

\$.05 per word (minimum \$1.00). The closing date for material will be the l0th of the month preceding the month of the issue.

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

We accept no responsibility for errors except to reprint the incorrect portion of the ad in a later edition. 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.

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.

*This is a slight change from our original price list.

24

CLASSIFIED ADS

"WANTED for Private Collection"-- old weathervanes, arrows with glass inserts, animals, lightning rod balls. Please send good description and your best price. L. Veneziano, 8310 Center St., Rivergrove, IL 60171.

SPECIALIZING, selling part of collection at bargain prices. SASE for six page list. Russell Sprague, 8800 Greens Lane, Randallstown, MD 21133.

Wanted: CD 104, 143, 145 -- need uncommon to "hard to get". Mike Bonne, RR #1 Knightstown, IN 46148.

RESEARCHERS, COLLECTORS of early insulators: Compilation of 166 insulator patents from 1851 - 1885. 380 pages, includes patent drawings and specifications for telegraph, telephone, battery, lightning rod, etc. in chronological order. May be ordered for \$10.00 from Aubrey Branham, 410 Hale St., Pennington, N.J. 08534

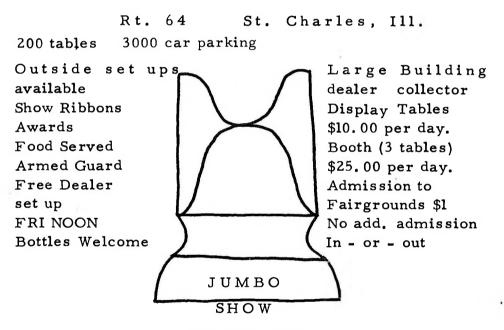
"INSULATORS WANTED" - paying top cash prices for rare insulators. Also have many for trade. Please write wants. Please send good description and best price first letter. Especially looking for glass Harloe, Boston Bottle Works, Paisley, all Threadless. Send Larry Veneziano, 8310 Center St., Rivergrove, IL 60171 Ph. (312) 456-8496.

INSULATORS FOR SALE. Send S. A. S. E. for wants. Ferd Huber, 385 Allendale Rd., King of Prussia, Pa. 19465.

1<u>St</u> Annual

CHICAGO MIDWEST NATIONAL INSULATOR SHOW OCTOBER 14 & 15

Kane County Fairgrounds



For Reservations Phone (312) 766-3705

Dick Augustyn 640 S. Harvard Ave. Addison, Ill. 60101 Larry Veneziano 324 Hawthorne Dr. Bensenville, Ill. 60106

MOST ABOUT GLASS INSULATORS—REVISED By Milholland

Nearly 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 hard cover book together with the 1972 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 1972 Suggested Price List, giving nearly 5000 prices. For the beginner a must. \$4.50 post paid

1972 Suggest Price List, separate, \$1.50 post paid.

These books from your dealer or order direct. Marion Milholland, Rt. 2, Box 368 Sequim, Wash. 98382

FOR SALE: mint or vnm unless stated. CD 102 Hawley, aqua--\$10; CD 287 Locke #15--\$7; CD 168 D-510, clear--\$1; green--\$2; CD 296 Locke #20, aqua--\$6; unembossed #20, aqua--\$5; CD 133 Brookfield #20, green--\$5; dome embossed 55 Fulton or 45 Cliff M. L. O. D., aqua--\$1; CD 100 Surge, clear--\$2; CD 106 embossed Duquesne, aqua--\$10; unembossed--\$6; CD 121 C. D. & P., aqua--\$6. Lists welcome. Postage & insurance extra. Ferd Huber, 385 Allendale Rd. King of Prussia, PA 19406. GLASS INSULATORS FOR SALE Private Issue No. 2/ Columbia / LSV threadless (NOT a Repro) Private Issue. Limited Amount - Lime Green and/or lighter (7-up) green @\$20.00 each Mint. VERY Near Mints @\$15.00 Near Mints @ \$10.00 each Plus post. Veneziano 324 Hawthorne Drive Bensenville, Ill. 60106

"PORCELAIN INSULATORS GUIDE BOOK FOR COLLECTORS: by Jack H. Tod.

Universal Style Chart for porcelain pin types, company histories, markings, pricing guide and much more. The complete collector's reference for porcelain pin types. Deluxe hardbound, 206 pages. \$10 postpaid, autographed. Jack H. Tod, 3427 N. 47th Place, Phoenix, Arizona 85018.

		and the second	the second s	
CD	Name	Color	Price	
190/91	PRR	aqua	\$130	
190/91	В	aqua	11	
190/91	A. T. &T. Co.	aqua	10	
190	В	aqua	5	
259	Cable helmet	aqua	10	
254	No. 3 Cable	aqua	28	
168	D-510 Lowex	a mb er	8	
235	Pyrex 662	carnival	8	
dated cast iron as seen in April issue				
of CROSS ARMS pg. 23 (bottom) 20		20		
mint or vnm. Postage and ins. extra. Lists wel-				
come. Ed and Jeannie Szymala, 217 Spruce St.,				
Cresson, PA 16630.				
			1 L	



ARMS

367 Signal Hill Road King of Prussia, Pa. 19406

RETURN POSTAGE GUARANTEED

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

FIRST CLASS MAL



South States and States and