

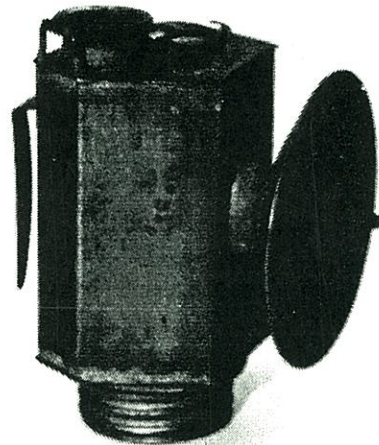
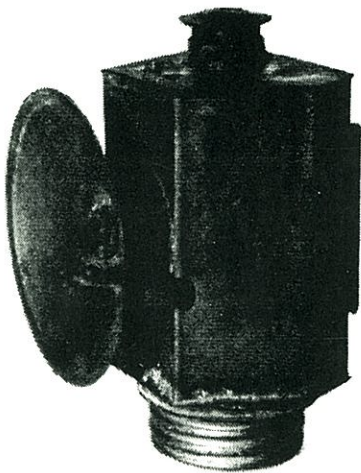
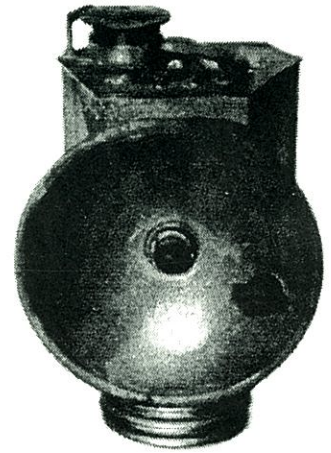
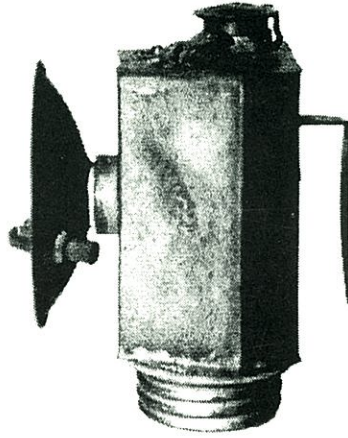
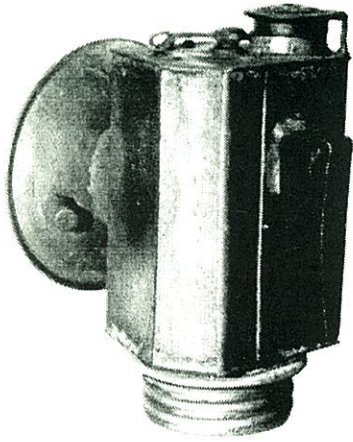
EUREKA!

THE JOURNAL OF MINING COLLECTIBLES

ISSUE 7



JULY 1993



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EUREKA!

The Journal of Mining Collectibles

EUREKA!



A PUBLICATION DEDICATED TO THE COLLECTING,
PRESERVATION, AND HISTORICAL RESEARCH OF
EARLY MINE LIGHTING AND COLLECTIBLES

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Front Cover: The H. Gall cap lamp in rotation. This is the only cap lamp yet found by the small time shop-smith Harry Gall. See article, this issue, page 16.

Back Cover: European commemorative mining stamps. See explanation key on inside back cover.



EDITORIAL



“The Big Deal”

At the Eastern Mining Artifact collectors Swap Meet and Reunion, collectors lodged at EuroSuites in Morgantown, WV. The suites were ideal for collectors as each had separate living quarters where the deals could be done.

Bob Schroth and I had stumbled onto a collection of lamps the day before, and nothing could have been more fortunate. A load of lamps like this really provided the spark for trading. Several folks asked that I recap “the big deal” that took place Saturday morning. I guess it started when I saw a beautiful The Buddy lamp in Jim Lackey’s display. I knew it wasn’t really available, but still, I felt like a kid looking through the store window at Christmas time. I have needed a reflector to complete my The Buddy lamp since forever. I made my move. I told Jim: “take any three lamps from my table for your The Buddy. There was a load on my table: unfired Elkhorn, unfired steel Britelite Bulldog, unfired Victor, unfired Lu-Mi-Num, mint Force Feed, unfired nickel Arrow...and many more. Jim thanked me very much for the fair offer, but said he was attached to his lamp. I understood. A few minutes later, he wandered back, said he would do it for four of them. “Go for it”, I said, and he pulled out the Britelite, the Force Feed, the Arrow, and the Victor...all unfired. Thus began “the big deal”. I removed the reflector, brought the lamp by Kelly Deem’s table, and asked if he would take the lamp in exchange for two unfired bases: a Maple City and a smooth-sided Springfield (including screw-caps). I knew Bob needed both of these to complete two new lamps he had just acquired: a Norleigh Diamond (found in Arizona) and an S & S top (part of the collection we picked up the day before). Kelly said yes, so I took The Buddy to Bob, swapped it for a Drylite base, and Bob made the trade with Kelly.

Neal Ressler was in need for just such a base to complete his recently acquired Drylite top, so I traded this to him for an unused Anthracite base with screw cap, something I have *always* wanted. The entire deal transpired in less than ten minutes. I can summarize by saying that everyone was happy. I was *really* happy.

Dave Thorpe

Special Thanks to Writers

You might notice the number of articles in this issue that were *not* written by the editors of *EUREKA!* Dave DesMarais has single-handedly taken on the challenge of compiling the first survey and guide to American Carbide Hand Lamps. Dave has traveled over the entire country, photographing the various varieties of hand lamps in people’s collections. He then compiled them in a sensible organized list. This incredible task is much appreciated by all. Stay tuned for another major article by Dave on the evolution of the Scranton-Scranto series cap lamps.

Todd and Tina Town have become regular contributors to *EUREKA!* Their articles have always been a pleasure to read as they all have a very human element to them. In this month’s issue, the life of an immigrant Italian miner is chronicled.

Mike McLaughlin submitted a superb article this month researching the mine lamp inventor Harry Gall. Mike spent much time actually talking to family descendants of the late shop worker.

Great stuff was also submitted by Ray Setteur, Bruce Beck, Lester Bernstein, Ken Rupp, Chuck Voelker, Manfred Stutzer, and Milt Ellison. Thanks guys!

Dave Thorpe

There’s One Born Every Minute

The great showman P.T. Barnum once said that “there’s a sucker born every minute.” Apparently I’m one of them. Since writing the article “Unique Oil Wick Lamps” on page 13 of the last issue of *EUREKA!*, I have discovered that the lamps pictured therein are being sold, *brand new*, in Germany. I obtained the set by trading off a very rare carbide lamp (one of my best). The oil wicks were passed off as *old original lamps*. When received, the lamps had a beautiful patina and appeared to be very well made.

Since then, I have purchased an identical set from the Sterling Hill Mine (imported from Germany) for just \$40 each. These lamps were sold as *new*, and amazingly enough, arrived with the same beautiful patina as the first set. A collector in Germany sent me a beautiful color brochure picturing numerous high quality reproduction mine lamps (safety, frogs, and oil wicks) of which these were just two. When I informed the collector whom I had got the first set from that they were not original, he told me that since I was (supposedly) an expert on oil wicks, if I got taken, it was too bad. I guess I got suckered big-time. I’m writing this to let other collectors know that these reproductions exist so that *they* do not become victims of an unscrupulous collector passing them off as original lamps.

What I stated in the article about the ratio of unique oil wicks to unique candlesticks still holds true. The lamps themselves are very well made just as described. Collectors BEWARE!

Dave Johnson

American Carbide Hand Lamp Survey and Guide

by David J. Des Marais

This article provides pictures and a listing of hand lamps so that you can complete a survey of lamps in your own collection. If you send me the unbound copy of the list with the results of your survey, *EUREKA!* will publish a lamp census in the Fall issue. That census will be an invaluable guide for buying and trading.

Your list will be kept in strict confidence. In addition, I will not act upon this information for my personal benefit.

For this survey, a hand lamp is defined as a lamp with four hour or more carbide capacity, and which was not meant to be worn on the cap or helmet. Hand lamps or lanterns have either a bail and hanging hook, or a handle, or both. Even though some hand lamps were used principally on railroads, they are included in order to make this as complete a survey of American carbide hand lamps as possible.

The checklist immediately reveals a difference between hand and cap lamps. In contrast to the more than 70 brands of cap lamps, there were relatively few manufacturers of hand lamps. Some of these, most notably Baldwin, Justrite and Wolf, produced a bewildering variety of models. To add to the confusion, very few of these are stamped with their model names or numbers, and many are quite similar in appearance. Thus several pictures are included. The list also reveals that, while most lamps were manufactured in brass, many others were of ferrous alloys and aluminum. Only Justrite ventured into the realm of plastic. Note that the column labelled "brass" includes nickel-plated brass as well.

Please send your completed survey to the address listed below.

If you have lamps which are not on the list, please add them. We will summarize the numbers of lamps reported for each of the entries on the list, including your additional lamps. I'm sure that we all look forward to learning how many of these fascinating lamps have survived!

I thank Errol Christman, Len Gaska, Paul Johnson, Tony Moon, Henry Pohs, Dave Thorpe, and Jim Van Fleet for their help, which included information, suggestions, donated photographs and permission to photograph lamps.

**Dave Des Marais
1015 Woodland Avenue
Menlo Park, CA 94025**

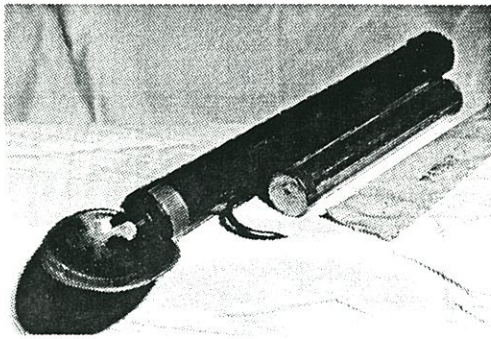
U. S. CARBIDE HANDLAMPS

PICT?*	LAMP	COMMENTS	BRASS	STEEL	ALUM.	PLASTIC
X	ARNOLD CARBIDE CANDLE	SHAPED LIKE CANDLE		----	----	----
X	BALDWIN FULL SHIFT	WIRE WATERFEED THROUGH LID, SINGLE-WALLED BASE, WIRE FINGER LOOP	----		----	----
X	BALDWIN #34	WIRE FEED THROUGH LID, FINGER LOOP, 4 HR, SMALL REFLECTOR, SHORT BASE	----		----	----
X	BALDWIN #35	4 HR., SMALL REFL., TALL BASE, HOOK ONLY	----		----	----
X	BALDWIN #36 TYPE 1	4 HR., GALV. IRON, WATERFEED THRU LID	----		----	----
X	BALDWIN #36 TYPE 2	4 HR., GALV. IRON & BRASS, HINGED DOOR	----		----	----
X	BALDWIN #36 TYPE 3	4 HR, Np BRASS, HINGED WATERDOOR		----	----	----
	BALDWIN #38	LIKE #36 TYPE 2, BUT TALLER BASE	----		----	----
X	BALDWIN #39	4 HR., WIRE BAIL WITH CHAIN & HOOK		----	----	----
X	BALDWIN #44	6 HR, SMALL REFL, SHORT BASE, BAIL & HOOK	----		----	----
X	BALDWIN #45	12 HR, SMALL REFL., TALL BASE, BAIL & HOOK	----		----	----
X	BALDWIN #54	RESEMBLES EARLY DEW-R-LITE, NO RIBS	----		----	----
X	BIG BOY WITH STRAP	BAIL ATTACHED W STRAP ON WATER TANK		----	----	----
X	BIG BOY W/O STRAP	NO STRAP AROUND WATER TANK				
X	COLUMBIA	ADVERTISED AS A MINE LAMP		----	----	----
X	DENVER LAMP	ALL TYPES	----	----		----
X	DEW-R-LITE	ALL TYPES		----	----	----
X	FULL MOON	CYLINDRICAL BODY, HOOK & HANDLES		----	----	----
X	GUYS DROPPER	8 HR., STRAIGHT SIDES ON WATER TANK		----	----	----
X	GUYS DROPPER	8 HR., INDENTED WAIST		----	----	----
X	GUYS DR. SQUARELIGHT	SUPERVISOR HANDLES		----	----	----
X	GUYS DR. SQUARELIGHT	HOOK & BAIL		----	----	----
X	GUYS DR. SQUARELIGHT	CANDLESTICK AND SPIKED HOOK		----	----	----
X	GUYS DR., TALL BOY	HALF SHIFT, ALL VARIETIES		----	----	----
X	ITP "MINE LAMP"	FULL SHIFT, "MINE LAMP" ON LABEL	----		----	----
X	ITP #150	6 HR., BAIL & HOOK		----	----	----
	ITP #160	LIKE #150, SUPERVISOR HANDLES		----	----	----
X	ITP #203	9 HR., SUPERVISOR HANDLES	----		----	----
	ITP #205	LIKE #203, BAIL & HOOK	----		----	----
X	ITP #210	6 HR., VERTICAL BURNER & UMBRELLA	----		----	----
X	ITP #215	9 HR., RR HANDLE, WIDE BASE			----	----
X	JUSTRITE ACME #50	BAIL & HOOK	----		----	----
X	JUST. ACME #56, 60, 80	SUPERVISOR HANDLES			----	----
X	JUS. ANACONDA SPECIAL	#93, STICK & HOOK, LOW BURNER		----	----	----
	JUS. ANACONDA SPECIAL	#93, STICK & HOOK, CENTERED BURNER		----	----	----
X	JUST. ARIZONA SPECIAL	#83, BAIL & HOOK		----	----	----
X	JUST. COPPER QUEEN	BODY SAME AS LITTLE GIANT	----	----		----
X	JUSTRITE JUMBO #50	BAIL & HOOK WITH STICK, LOW BURNER	----	----		----
	JUSTRITE JUMBO	BAIL & HOOK, LOW BURNER	----	----		----
	JUSTRITE JUMBO	CENTERED BURNER	----	----		----
X	JUSTRITE LANTERN #10	BASE BOTTOM IS DEEPLY INDENTED		----	----	----
	JUSTRITE LANTERN #12	TALLER THAN #10, FLAT BASE BOTTOM		----	----	----
X	JUSTRITE LITTLE GIANT	LATER VERSION OF JUMBO	----	----		----
	JUST. UNCLE SAM 6 HR.	5 1/2 " TALL (TO TOP OF BODY)	----	----		----

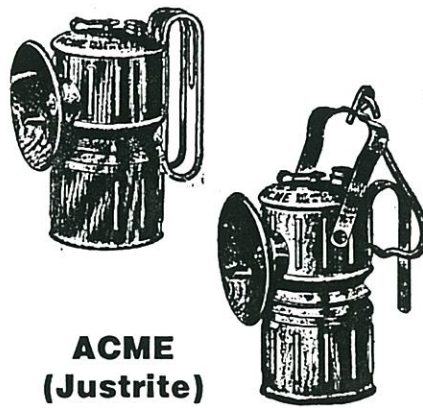
U. S. CARBIDE HANDLAMPS

PICT?	LAMP	COMMENTS	BRASS	STEEL	ALUM.	PLASTIC
	JUST. UNCLE SAM 6 HR.	AS ABOVE, BUT WITH UMBRELLA	----	----		----
X	JUST. UNCLE SAM 8 HR.	6 " TALL (TO TOP OF BODY)	----	----		----
	JUST. UNCLE SAM 10 HR.	6 1/2 " TALL (TO TOP OF BODY)	----	----		----
X	JUST. WESTERN SPECIAL	#105, SUPERVISOR HANDLES		----	----	----
	JUSTRITE #39, 95, 100	1/2 SHIFT, RESEMBLES #204 W/O STICK		----	----	----
X	JUSTRITE #50	BAIL & HOOK			----	----
X	JUSTRITE #56	LIKE #50, BUT HAS SUPERVISOR HANDLES			----	----
X	JUSTRITE #77	"CANDLESTICK LAMP", CAST BODY		----	----	----
X	JUSTRITE #81	TALL RR HANDLE, WIDE BASE			----	----
	JUSTRITE #82	LIKE #81, BUT HAS ENCLOSED BURNER			----	----
X	JUSTRITE #84	HOOK & BAIL, HANDLES, WIDE BASE			----	----
X	JUSTRITE #103	STICK & HOOK ONLY		----	----	----
X	JUSTRITE #204	STICK, HOOK & SUPERVISOR HANDLES		----	----	----
X	JUST. #2-500 SERIES	TOP: BRASS OR STEEL; BOTTOM: PLASTIC			----	
X	JUSTRITE #2-770	CAP LAMP WITH LARGE HANDLE & REFL.		----	----	----
X	JUST. #3-100 SERIES	LARGE HORIZONTAL PLASTIC BODY	----	----	----	
X	JUST. #3-200 SERIES	LARGER VERSION OF PLASTIC CAP LAMP	----	----	----	
X	LUMINUM	ALL VARIETIES	----	----		----
X	MAPLE CITY	MAY LACK "MAPLE CITY" LABEL		----	----	----
X	MILBURN LANTERN	FOR HAND OR TABLE, IN LARGE CAN		----	----	----
X	MILBURN MINERS A	MILBURN #20		----	----	----
X	MILBURN #22	LARGER THAN #20	----			----
X	NATHAN	"NATHAN" STAMPED ON WATER DOOR	----		----	----
X	NATIONAL CARBIDE	LARGE LAMP			----	----
	OXWELD MODEL A	6.25 IN. DIA. REFL. COVER, ALUM. BODY	----	----		----
	OXWELD #2155	4.8IN.DIA.REFL.COVER,STEEL&BRASS BODY	----		----	----
X	PATHFINDER	ALL TYPES (A, B & C)		----	----	----
	SCRANTO	NO REFLECTOR		-----	----	----
X	SCRANTO	SLANTED REFLECTOR		-----	----	----
	SCRANTO	VERTICAL REFLECTOR		-----	----	----
X	20TH CENTURY	MODIFIED FROM BIKE LAMP		-----	----	----
X	TOLEDO ACETYL.LANTERN	GENERATOR MOUNTED OFF CENTER	----		----	----
X	WILLIAM H. OTT	BRASS-CLAD TOP&REFL., STEEL BASE			----	----
X	WOLF ALUMINUM	TOP OF REFLECTOR HAS GAP	----	----		----
X	WOLF ALUMINUM	TALL, NARROW BODY	----	----		----
X	WOLF "FAT BODY"	WIRE BAIL & HOOK		----	----	----
X	WOLF HOODED REFL	BRASS BODY RESEMBLES #905A		----	----	----
X	WOLF INSPECTION	ENCL.BURNER,SOME W "NAT. CARB." LABEL			----	----
X	WOLF "ORIGINAL"	BAIL, HOOK & HANDLES, LABEL ON BASE	----		----	----
X	WOLF "HORIZONTAL"	HORIZONTAL WATER TANK, LABEL ON BASE	----	----		----
X	WOLF #856 4 HOUR	CANISTER STYLE BODY IS 4 3/8" TALL			----	----
	WOLF #856 8 HOUR	CANISTER STYLE BODY IS 5" TALL			----	----
X	WOLF #871	HOODED REFLECTOR, HANDLEGRIP & HOOK			----	----
X	WOLF #900	BAIL&HOOK			----	----
	WOLF#900 (NAT.CARB.)	HAS "NATIONAL CARBIDE LAMP" LABEL			----	----
X	WOLF #905A	BURNER CENTERED IN REFLECTOR	----		----	----

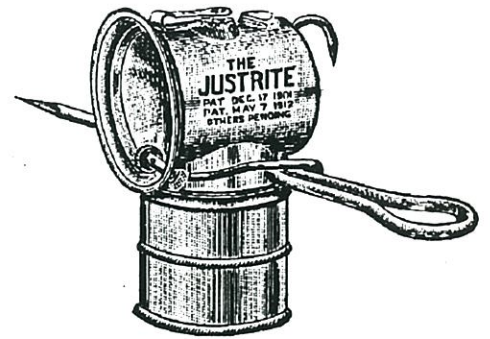
"PICT?" column at left indicates which lamps have pictures



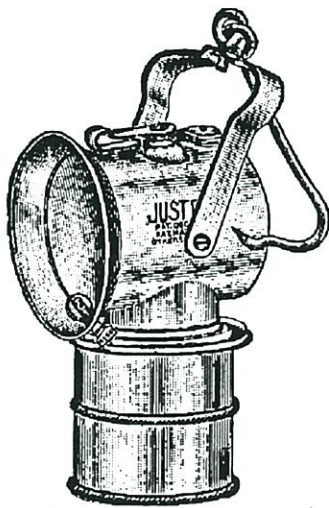
**ARNOLD CARBIDE
CANDLE**



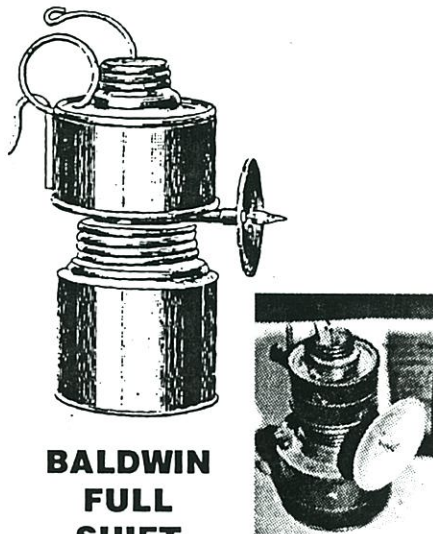
**ACME
(Justrite)**



**ANACONDA SPECIAL
(Justrite)**

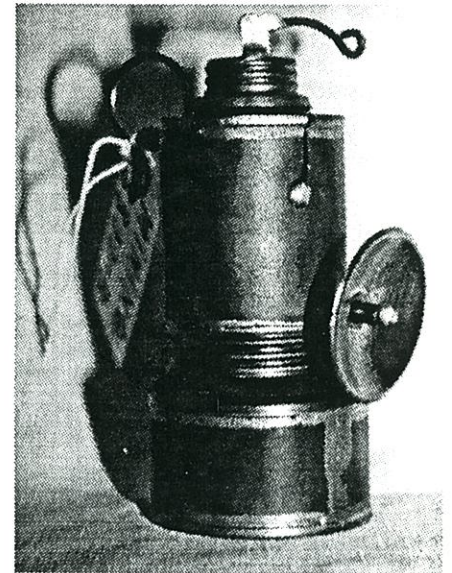


**ARIZONA SPECIAL
(Justrite)**



**BALDWIN
FULL
SHIFT**

*(Not a hand lamp, is
of similar dimension,
but has double
walled base, see
article page 24.)*



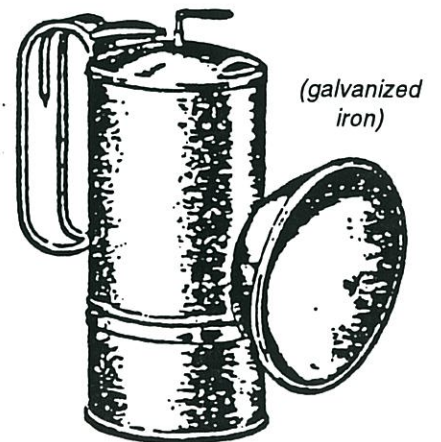
BALDWIN No. 34



BALDWIN No. 35

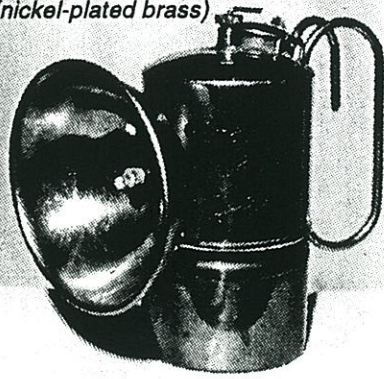


**BALDWIN No. 36
(type 1)**



**BALDWIN No. 36
(type 2)**

(nickel-plated brass)

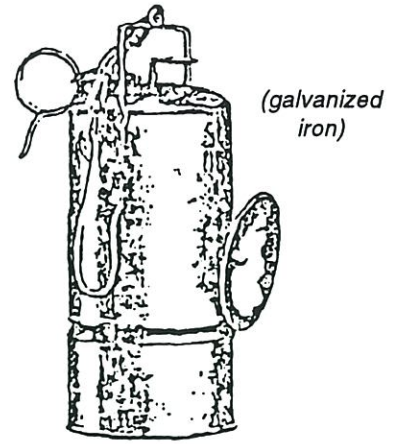


BALDWIN No. 36 (type 3)



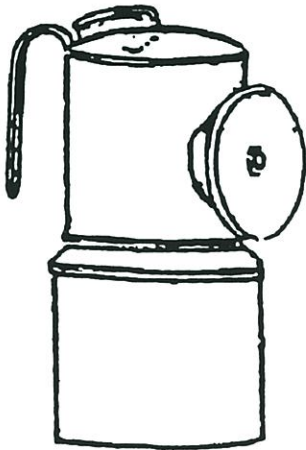
(galvanized iron)

**BALDWIN No. 39
(bail and chain)**

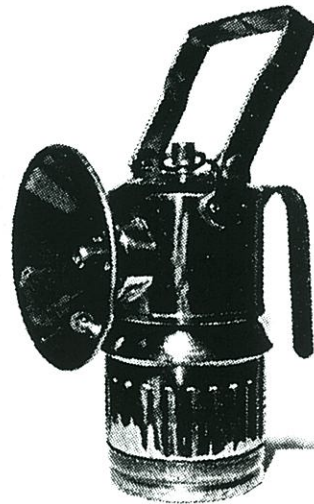


(galvanized iron)

**BALDWIN No. 44 (6-hr.)
BALDWIN No. 45 (12-hr.)**



**BALDWIN No. 54
(ore car light)**



BIG BOY



BIG BOY (w/ strap)



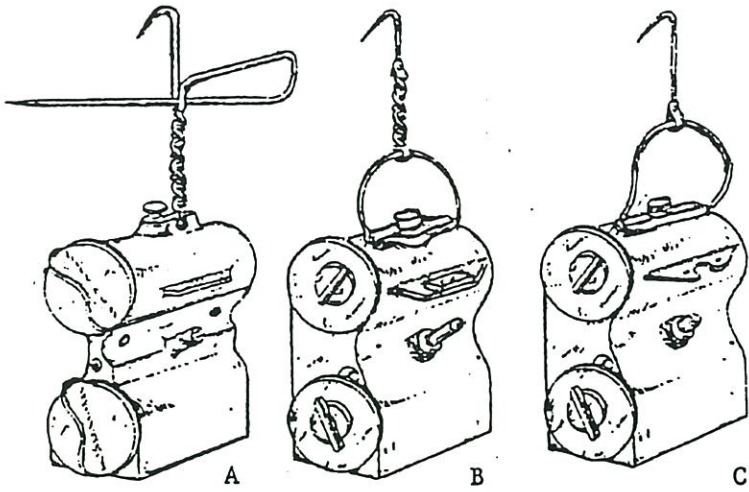
COLUMBIA MINE LAMP



**COPPER QUEEN
(Justrite)**



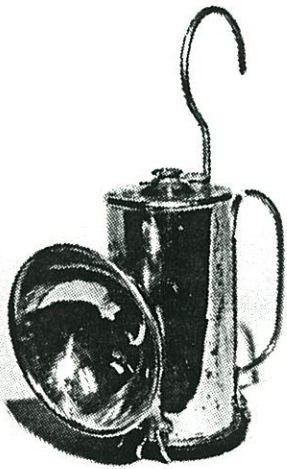
**GUY'S DROPPER
TALL BOY 1/2-SHIFT**
*(smooth, ringed, and ribbed bases
also w/ set-screw reflector)*



DENVER SPIKE LAMPS (A, B, & C)



DEW-R-LITE



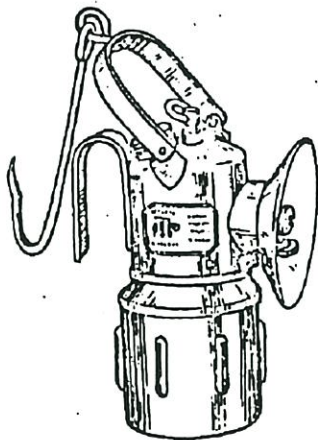
FULL MOON



**GUY'S DROPPER
(straight sides)**



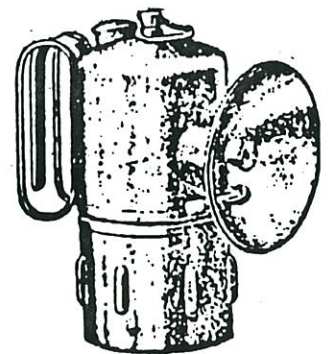
**GUY'S DROPPER
(indented waist)**



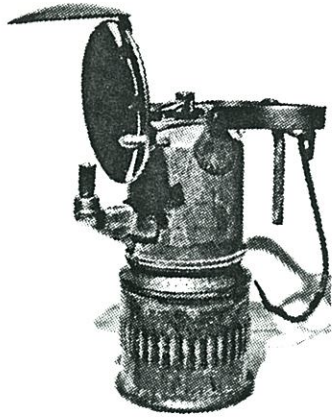
I.T.P. MINE LAMP



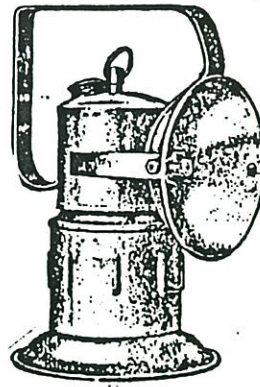
I.T.P. No. 150



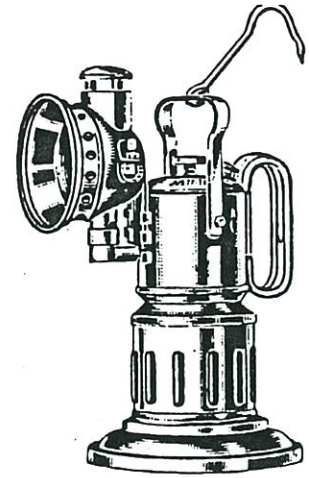
I.T.P. No. 203



I.T.P. No. 210



I.T.P. No. 215
(railroad lamp)



JUSTRITE No. 84



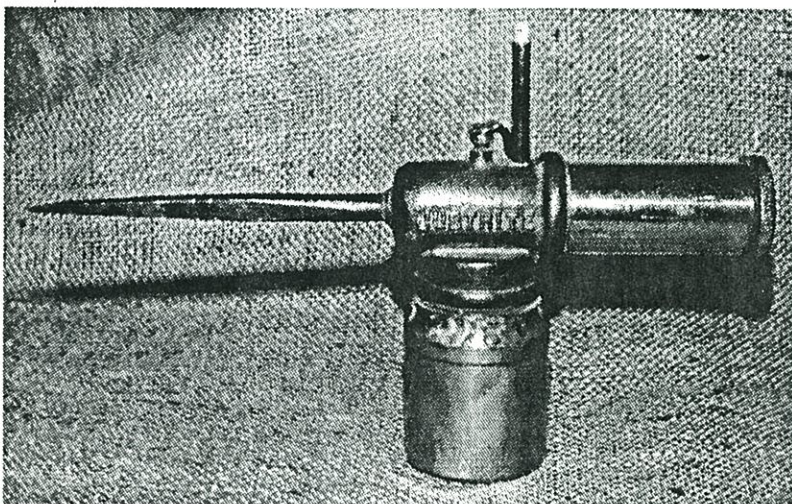
JUSTRITE 2-500
(brass & plastic)



JUSTRITE 2-770



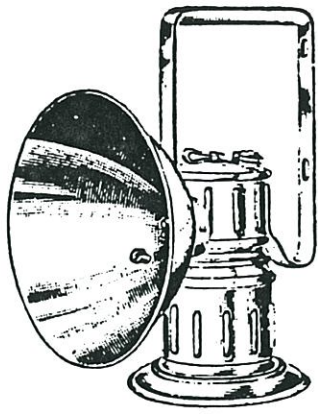
JUSTRITE 3-200



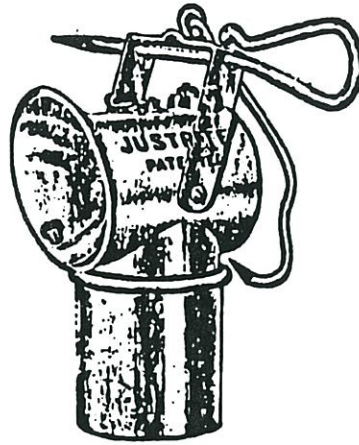
JUSTRITE No. 77 Stick-lamp



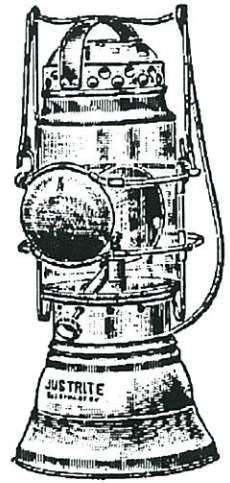
JUSTRITE No. 3-100



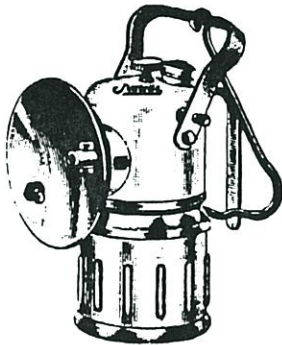
JUSTRITE No. 81



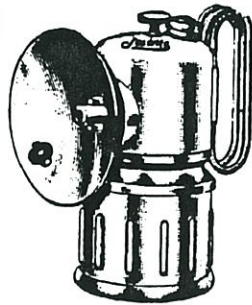
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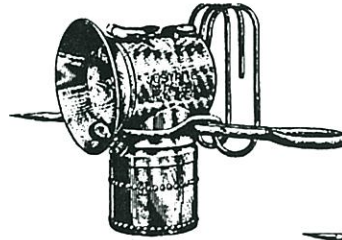
**JUSTRITE LANTERN
No. 10**



No. 50



No. 56



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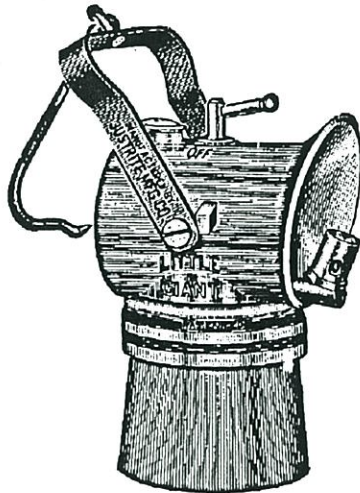


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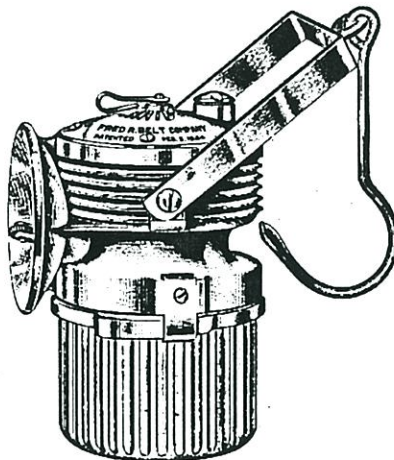
*(Justrite half-shift lamps exist in smooth, beaded, and ribbed base styles.
Latest ribbed styles have removable reflector, superintendent's only.)*

JUSTRITE 8-hour

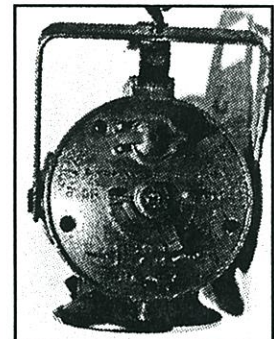
JUSTRITE 1/2-SHIFT STICK LAMPS



**LITTLE GIANT
(Justrite)**

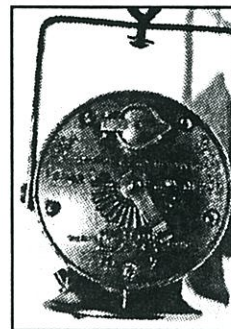


LU-MI-NUM

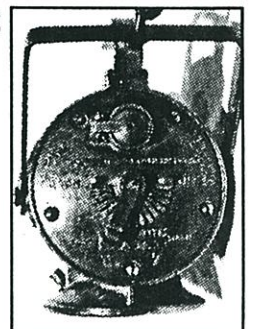


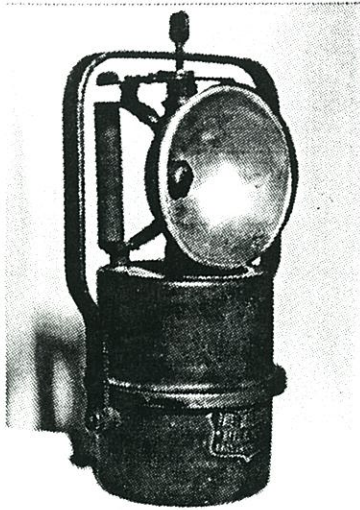
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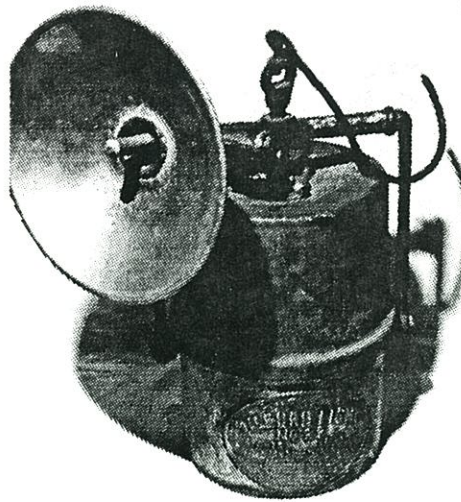


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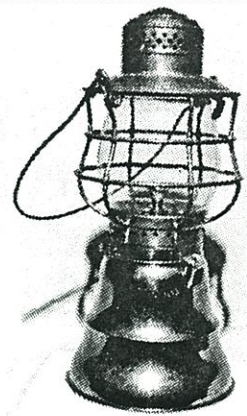




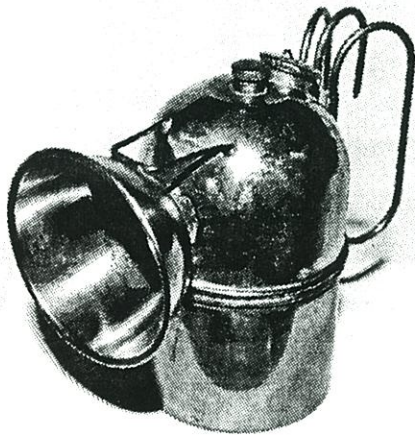
MILBURN "MINER A"



MILBURN No. 22



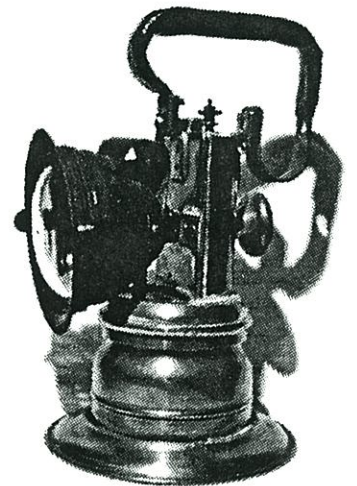
MILBURN LANTERN



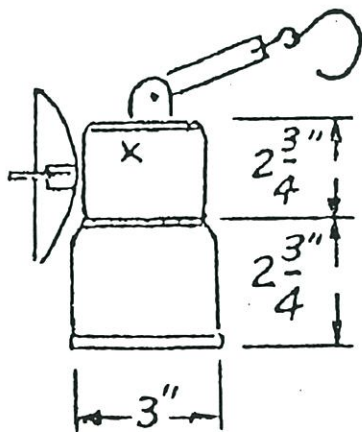
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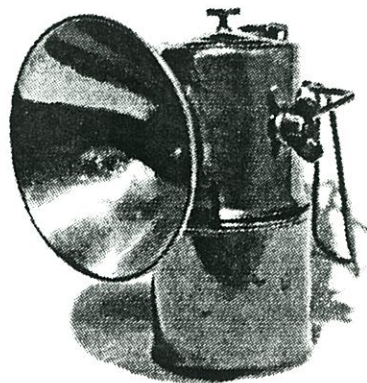
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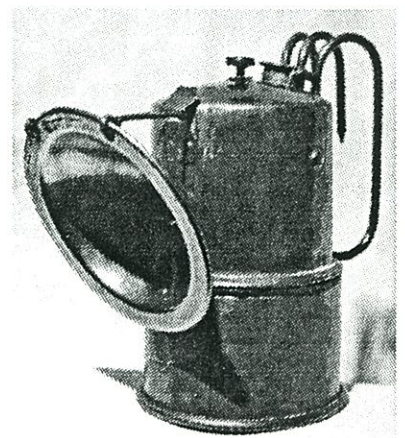
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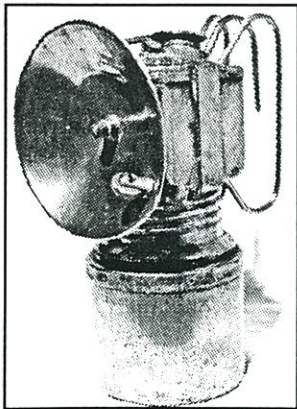
WILLIAM H. OTT(O)



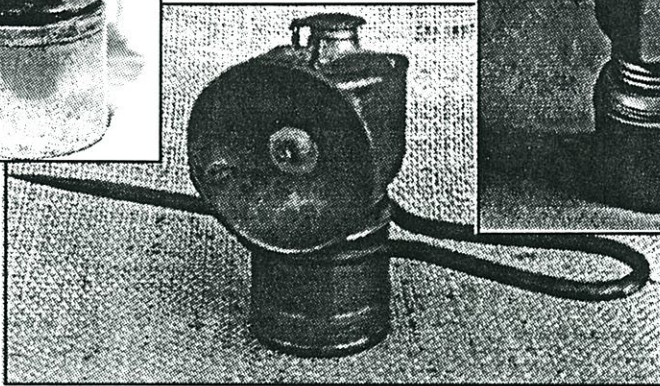
PATHFINDER



SCRANTO



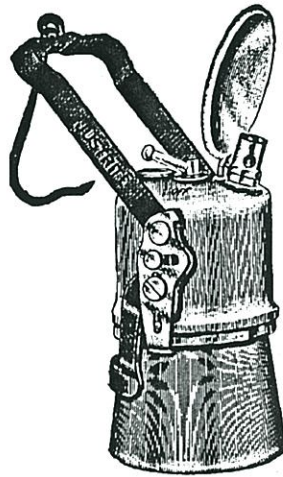
**SQUARELITE
GUY'S DROPPER**



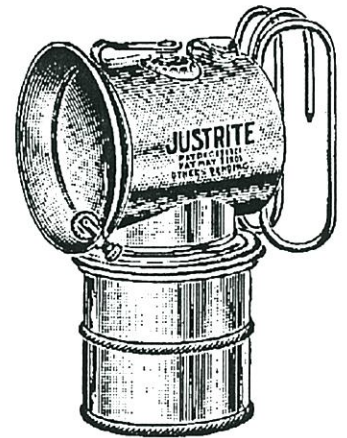
**TOLEDO ACETYLENE
LANTERN CO.**



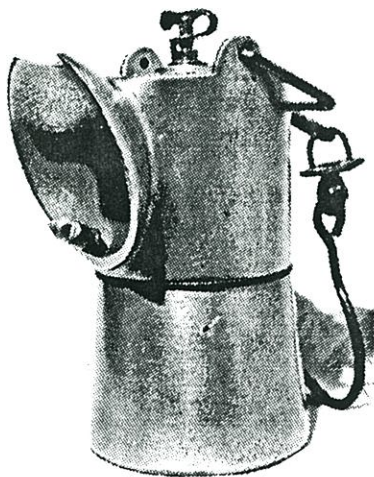
20th CENTURY



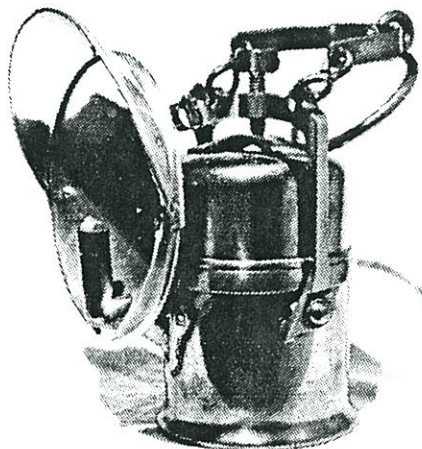
UNCLE SAM 8 HR.



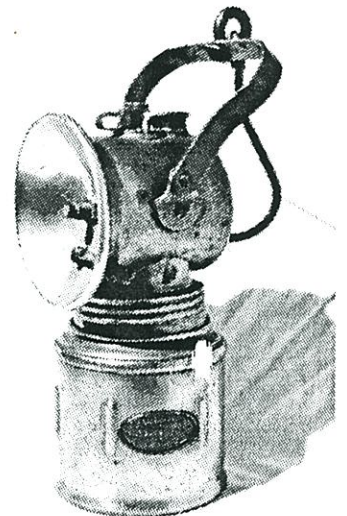
**WESTERN SPECIAL
(Justrite)**



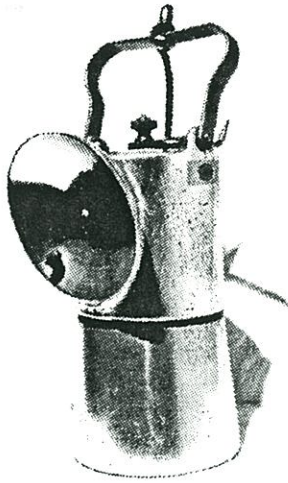
**WOLF
(notched reflector)**



**WOLF
(hooded reflector)**



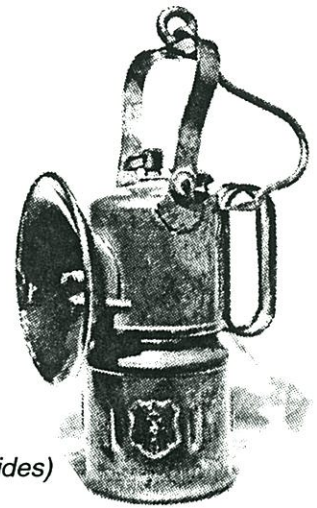
**WOLF
(horizontal aluminum)**



**WOLF ALUMINUM
(tall narrow body)**



(left & right sides)



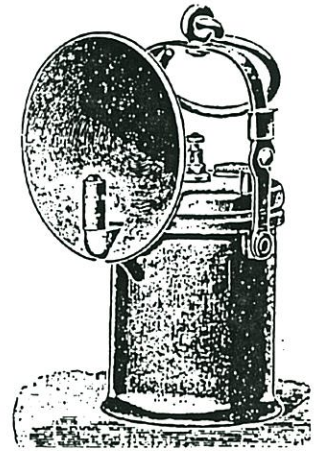
WOLF ("Original")



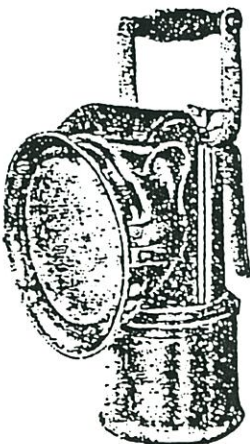
**WOLF
(fat brass body)**



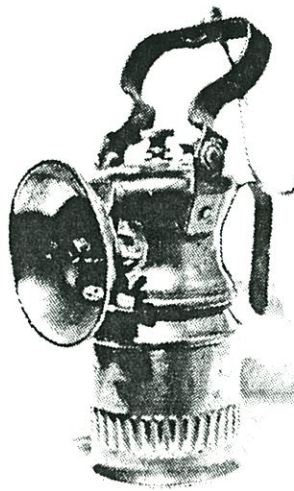
WOLF INSPECTION



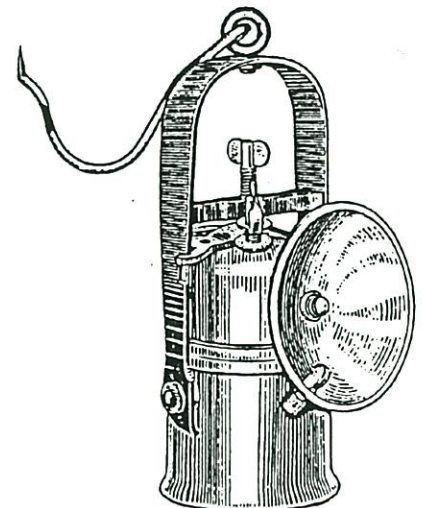
WOLF No. 856



WOLF No. 871



WOLF No. 900



WOLF No. 905A

A Box of Scrap Metal

by Jim Van Fleet



Collectors of mining artifacts and memorabilia have long recognized hardware stores, former mining supply companies and warehouses as great places to find mining lamps that never were sold off the shelf. Most of these old establishments are gone, or were cleaned out of their mining related stock fifteen or twenty years ago.

Isolated stocks of old mining supplies still exist, and one of them yielded up its treasures this spring. The author was contacted by a businessman from New Orleans who was in the process of cleaning out a warehouse of miscellaneous stuff, the remains of a family business.

What he had found was a large plain cardboard box with the words “min-

ers lamps” written on the side. He opened it, and counted out over 300 miners’ oil wick lamps. Three styles of lamps were represented:

— J. Anton & Son drivers’ lamps with a brass body and tin spout, having a brass spout guard.

— the same style drivers’ lamp having a tin spout guard.

— Hardsocg Mfg. Co. face lamps, a sunshine style lamp made of tin, with unusual vent holes around the base of the spout.

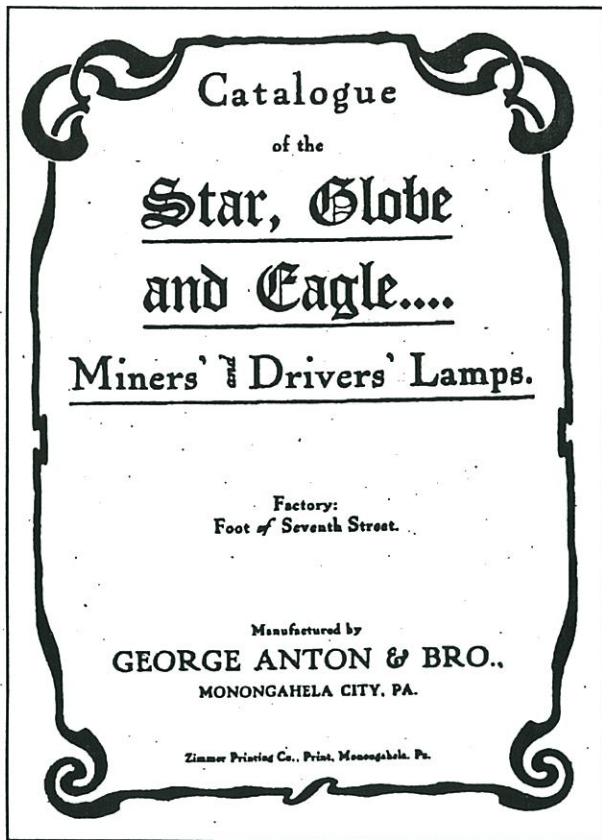
The lamps were apparently unfired. Although they had never been used, some of the lamps showed signs of having sat in storage for over 75 years. Despite the damp Louisiana

climate, however, many of the brass lamps looked brand new.

Less fortunate were the original boxes in which the Anton lamps had been sold. These were shoebox style containers which probably held a half-dozen drivers’ lamps, and only a few examples were present. The boxes crumbled, but the paper labels on two box lids were rescued.

The boxes provide the first clue as to the age of these oil wick lamps, and their journey to New Orleans. Although the drivers’ lamps are marked J. Anton & Son, the box label indicates that they were sold by “Geo. Anton & Bro., Monongahela City, Penna.”

Bill Spence has done research on the



the demise of the wick lamps, and it closed in 1918.”

George T. Anton and his brother took over the Anton mining supply business from their father John, changed the company name on their catalog and box labels, but apparently never marketed an oil wick lamp under the new company name. They continued to produce the “J. Anton & Son U.S.A. Eagle Trademark” miners’ and drivers’ lamps.

This narrows the production date and original sale of the lamps to 1905-1918. The next clue to their journey was also found in the warehouse in New Orleans. As boxes continue to be sorted through, an interesting glass paperweight has surfaced. The logo is “Tradewater Coal Company, Miners and Suppliers,” from Kentucky.

Research in the Edkins Scrip catalog shows this company existed from 1903 to 1907.* They may well have bought the Anton drivers’ lamps and Hardsocg face lamps for sale through their company store.

How the lamps traveled in such a large lot from Kentucky to Louisiana will probably never be known for

Anton miners’ lamps, including interviews with family members. Bill reprinted a catalog (see cover illustration above) provided to him by the family, and included the following company history:

“Around 1874 brothers George, John and Christopher each set up a workshop to manufacture wick lamps for local coal miners. Subsequently George and John combined their operations, marketing their lamps worldwide under the George Anton name. In 1905 George Anton withdrew from active participation in the business, and the firm’s name changed to J. Anton & Son. That son’s name was George T. Anton, and after his father’s retirement the company name would change again to George Anton & Brother. Although the two younger brothers tried to make the conversion to carbide lamps, the business could not survive

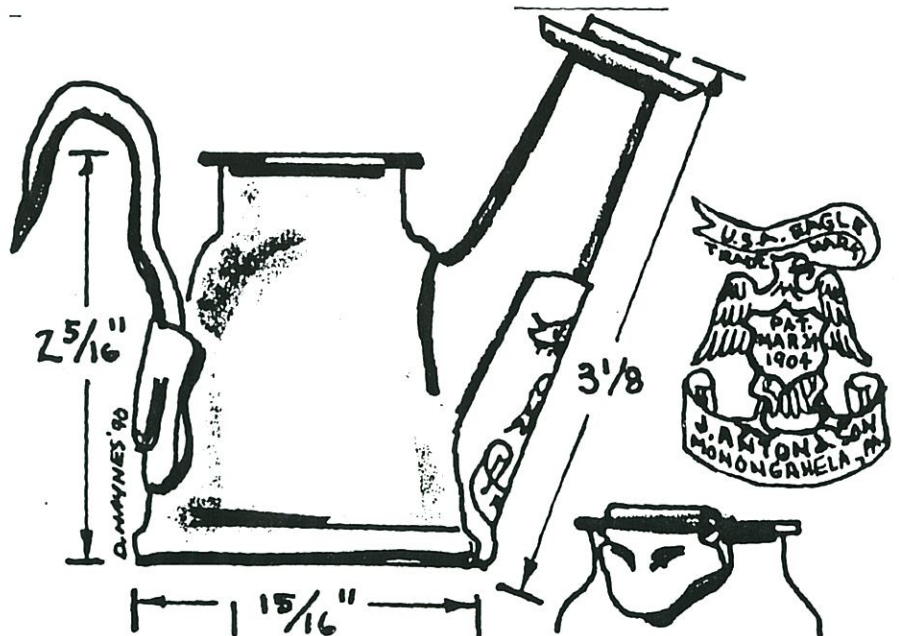


Illustration of brass Anton lamp by Dottie Haynes.

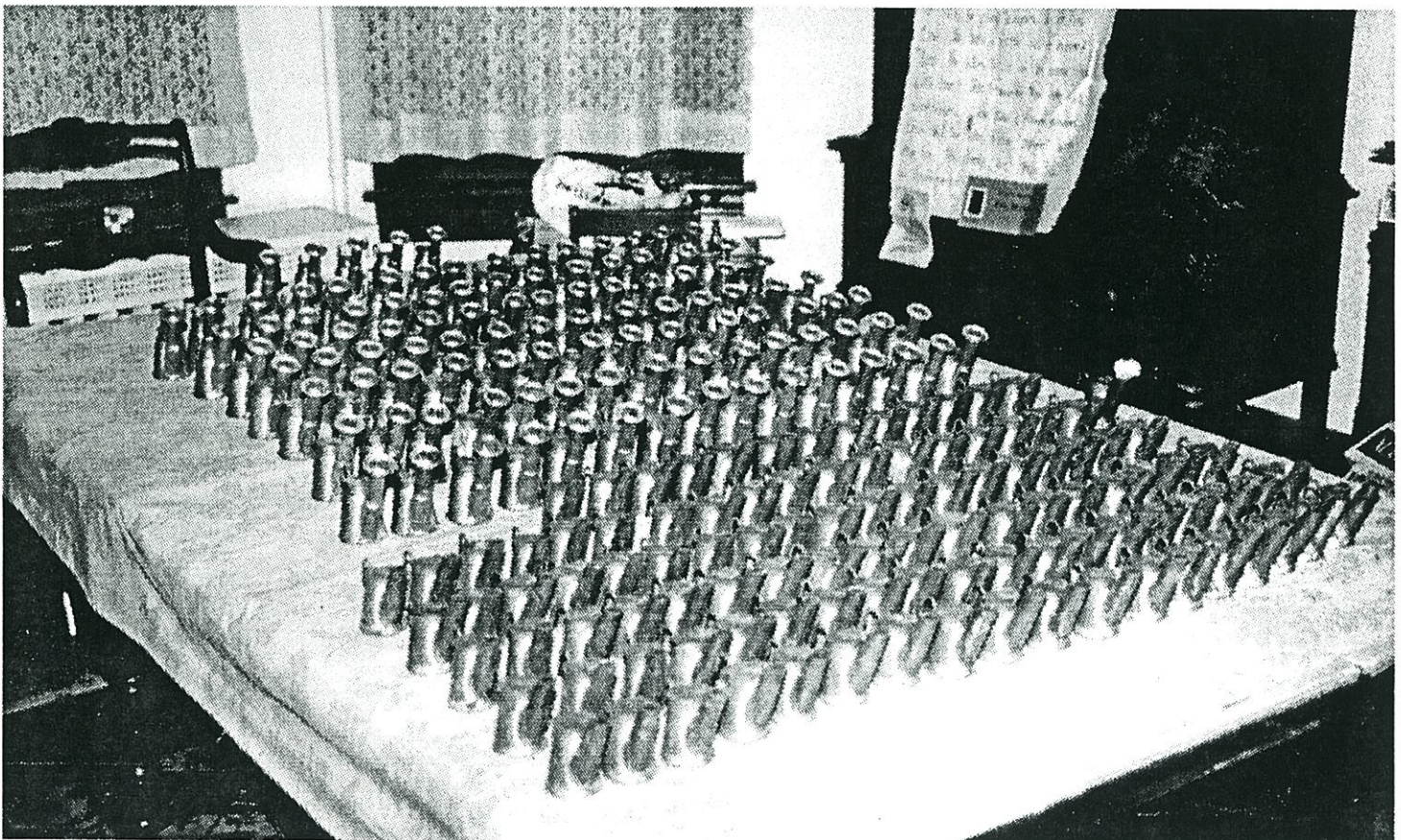
certain. It is likely that they were bought when the Tradewater Coal Company went out of business. Whatever the circumstances, many collectors have benefitted by adding this unusual Hardsocg lamp to their shelf, or by upgrading their Anton lamps.

An example of each lamp and an Anton box label have been donated to the COMER Museum, West Virginia University, to record this historic find and keep them available for research purposes.

* 20,000 Coal Co. Stores in the United States, Mexico, and Canada.
Gordon Dodrill.



Paperweight advertising Tradewater Coal Company.



The now infamous load of oil wick lamps.

H. Gall

by Mike McLaughlin

On December 7, 1886 in the town of Uny Lelant, England, in the county of Cornwall, district of Panzance, Harry Gall was born. Harry and his family left England and moved to America where they settled in Calumet, Michigan. There they remained several years until Harry moved to Ishpeming, Michigan in the county of Marquette, and the rest of the family moved to Butler, New Jersey. Harry had three brothers and two sisters. He married a young lady named Beatrice and was blessed with four children: son Clifford, son Harry, and two twin girls who passed away at the ages of eighteen days and twenty-one days.¹ Harry Gall inventor, passed away on November 15, 1946 at the age of 59. (Fig. 1)

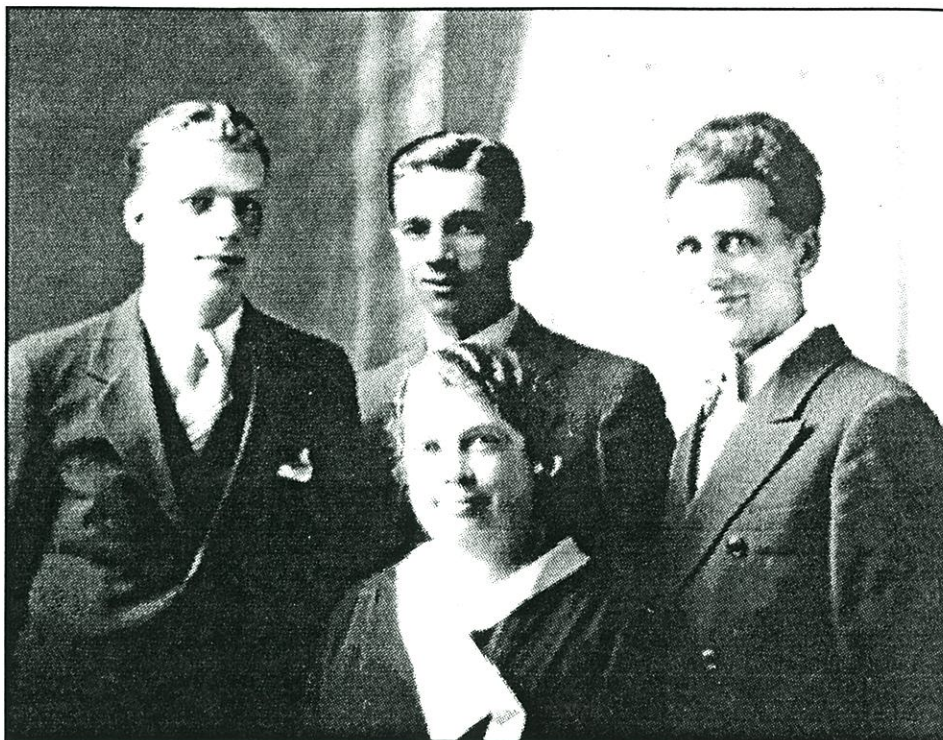


Fig. 1 The Gall family. Son Clifford, son Harry, wife Beatrice and inventor H. Gall (Harry Gall).

Harry Gall worked at the Oliver Mine in Ishpeming, Michigan all of his life. His sons, Harry and Clifford, also worked in the Oliver Mine for a

short period of time.² The mine was first called the Holmes Mine and when U.S. Steel bought the Holmes the name was changed to the Oliver

Mining Company. One of Harry Gall's main jobs at the Oliver Mine was that of a machinist. (Fig. 2)



Fig. 2 H. Gall (second from left) wearing carbide lamp underground in the Oliver Mine, Ishpeming, Michigan.

In 1912, Harry set up his own workshop next to his house in Ishpeming, Michigan. He was the sole owner and the only worker of "the shop" and worked on the premises as a hobby. It was not a full time job or a formal business, just an evening and weekend hobby and repair shop. "The shop" as family members remember it, contained several lathes (one pedal operated), drill presses, taps, dies, grinders, cutting troches, and many other related tools. Harry kept adding onto the shop throughout the years until its last size of 20 X 30 feet. There was only enough room in the shop for Harry and at most, one other

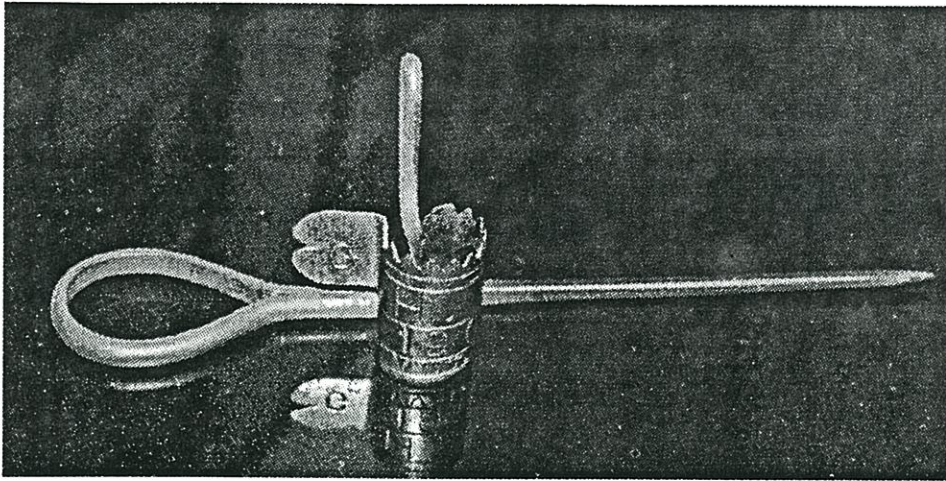


Fig. 3 (above) H. G. (Harry Gall) candlestick (Paul Johnson collection).

brother-in-law William Keskeys. The stampings are located on the thimble. The candlestick is 8 1/4" long and is made of steel. This stick is very well made with a serrated thimble and notched thumb lever. The thumb lever is stamped with a "G". Its hook design is typical of the sticks that were worn on the miners' caps in the Michigan area and the hook is referred to as a "Lake Superior" style.⁴ This candlestick is the only specimen known to date. (Fig. 3)

person. It was very small and filled with a lot of equipment. "The shop" was torn down in 1990 due to deterioration and all of the contents were sold.³

Most of Harry's work in the hobby shop was spent repairing musical instruments. He not only repaired the musical instruments, but could play any he got his hands on. He was a very talented individual who loved music. In 1911 Harry received a copyright on a song he had published called "Holy Night". Family members also remember Harry Gall blowing glass in "the shop" as well as repairing guns.

Harry manufactured at least one miners' candlestick. It is stamped "H.G." (for Harry Gall), "1909", and "W.J.K." which may refer to his

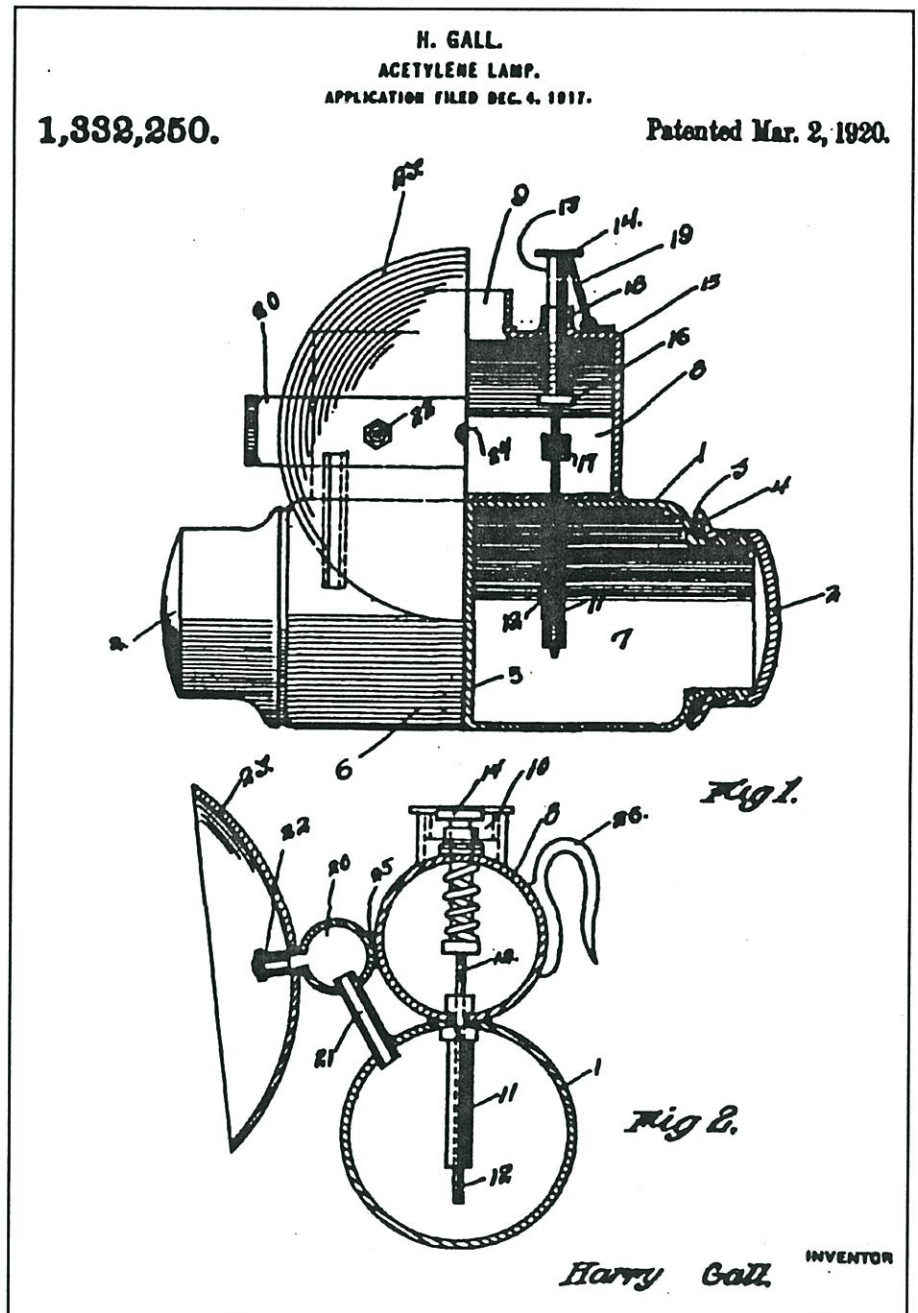


Fig. 4 H. Gall Acetylene Lamp Patent # 1,332,250. Granted March 2, 1920.

On December 4, 1917 Harry Gall filed an application to the United States Patent Office for an Acetylene Lamp. "The object of the invention was to construct a lamp with two independent gas chambers adapted to supply acetylene gas to burners so that when the carbide in one chamber became exhausted the other may be brought into operation to continuously supply light, the empty chamber being filled after the other is in operation so that one may be always ready for use on the exhaustion of the other..."⁵ From this patent information, Harry had patented a Duplex style lamp! His patent for this lamp was granted on March 2, 1920, patent number 1,332,250.⁶ At this time no known specimen has been located. (Fig. 4)

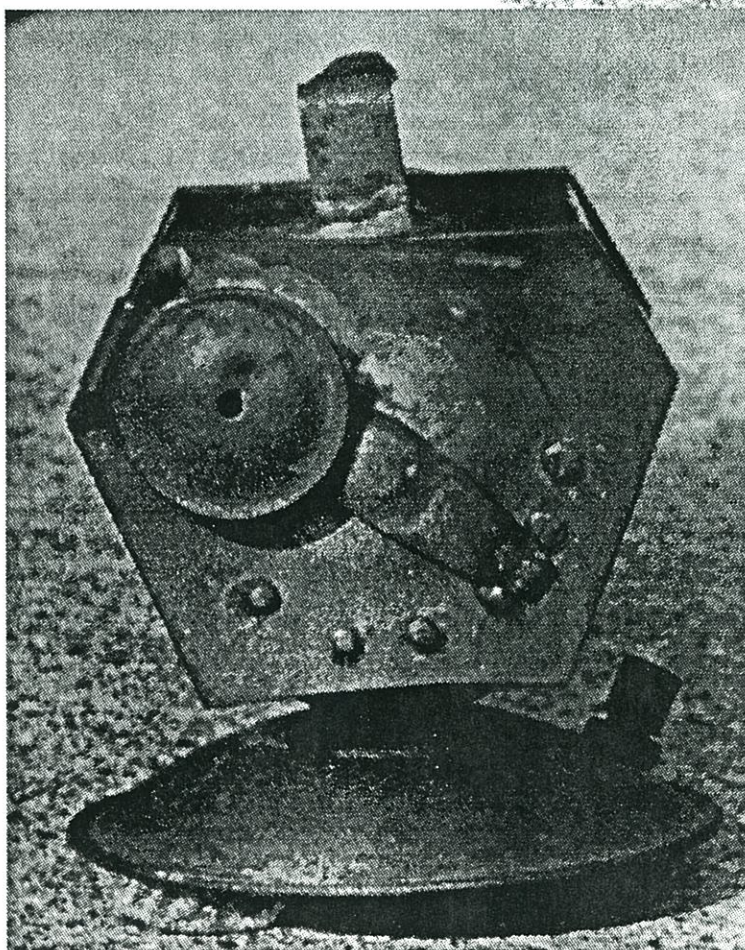
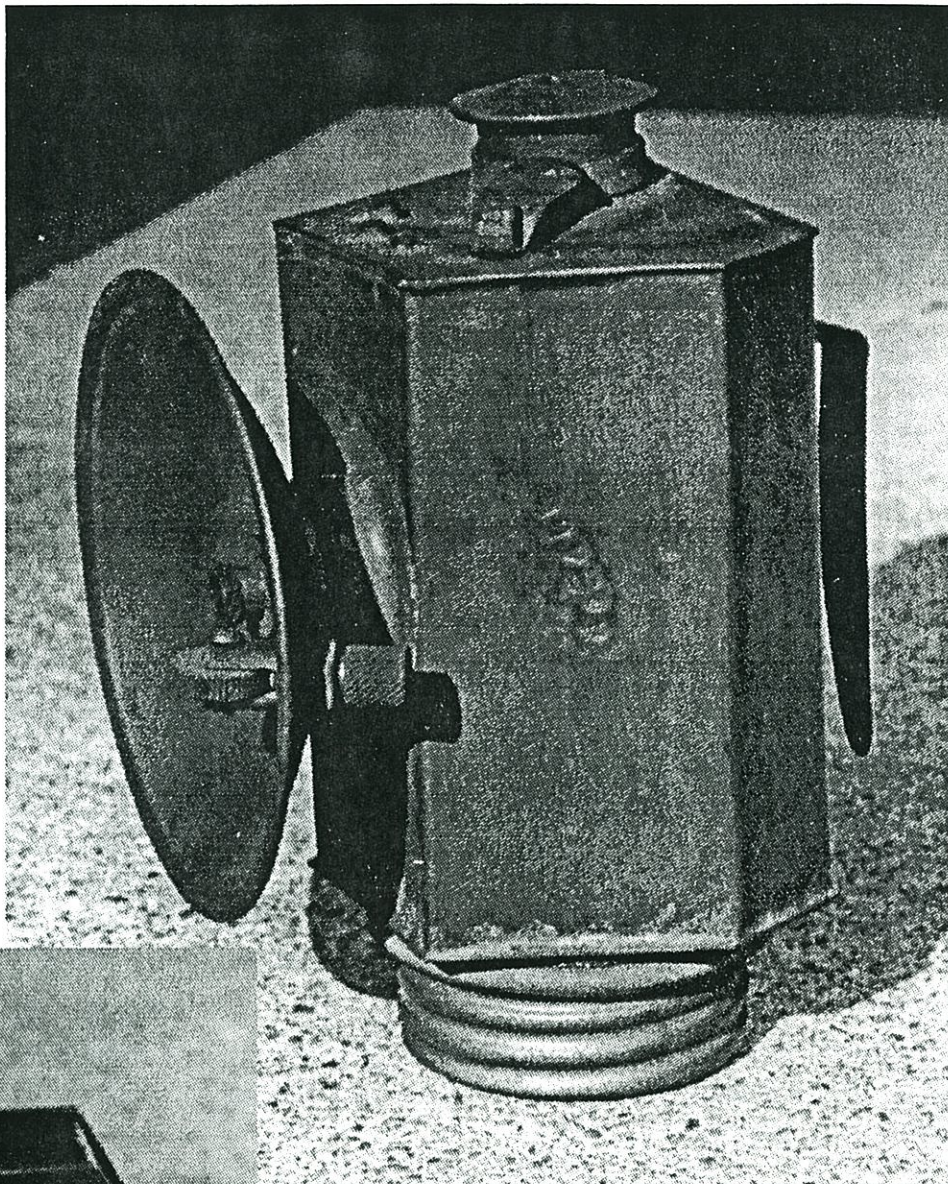


Fig. 5 (above) H. Gall carbide cap lamp.

Fig. 6. (left) H. Gall carbide cap lamp (top view).

Harry also invented another carbide lamp made of brass and stamped "H. Gall" on two front panels. The lamp has six sides with a central water feed. Carbide is added through the base by unscrewing a lid on the bottom of the lamp. The felt is located behind the burner tip and can be seen after the reflector is unscrewed. This carbide lamp also sports the "Michigan spade mount" attachment for the miner's cap. All in all, the lamp has many unusual features but was made with precision and excellence, typical of Harry Gall and his perfection in other endeavors. The lamp shown is the only known example that has been found at this time. (Figs. 5 and 6)

Even though Harry Gall's shop was part-time hobby work, he must have had a lot of local customers coming to him for repairs. Repairing musical instruments, repairing guns, operating as a machinist, and making all kinds of items; Harry must have seen the need to keep records of his work and to supply his customers with an invoice or receipt. Family members recall a book that Harry kept detailing charges which were typically 25 to 50 cents. This book has long since been discarded. A few invoices have been recovered however, and read as follows: "H. Gall, Ishpeming, Michigan, Repairs to all kinds of machinery and musical instruments, Lathe Work & Tinsmithing".

Another interesting mining related artifact left by Harry is an Aetna blasting cap tin. The tin is a 100 No. 6 size, Lion Brand, and is forest green in color with black writing.⁷ Scratched on the top of the tin is H. Gall (for Harry) and C. Gall (for Clifford, his son). (Fig. 7)

Gathering information for historical record on mining collectibles is not an easy task and sometimes not even possible. That is why it is such an extra reward to find a wide variety of rare items and information that related directly to the late Harry Gall.

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2. Clifford Gall, personal communication, May 25, 1993.
3. Elizabeth Juntti, personal communication, April 11, 1993.
4. **EUREKA!** "J.O.N." Michigan Candlestick, Dave Johnson, April 1992.
5. U.S. Patent and Trademark Office "Search Room" Arlington, VA.
6. **American Miner's Carbide Lamps**, Gregg Clemmer, 1987.
7. **Cap Tin Catalog**, Andy Martin, 1989.



Fig. 7 Aetna cap tin (scratched H. Gall and C. Gall).

Arizona Hard Rock Miner

by Todd and Tina Town

At the turn of the century and prior to the first world war, half of all hard rock miners living and working in Arizona were immigrants. The silver and copper miners of Globe, Copper Hills and Miami were no exceptions. Many an immigrant miner worked just long enough to obtain enough money to tramp out, leaving little trace that he was ever here or there. But some stayed.

One who did was Dominic Tony (Giacoma) Rosa, born in Salle, Italy, the son of farmers. He came to America at the age of 15. Alone and speaking no English, and with no means of support, Dominic traveled west in quest of his America. Saint Charles, Michigan was his first stop. There, he loaded coal in cars for \$1.00 a day and learned the art of coal digging. Dominic worked the coal fields of St. Charles until 1911, at which time he went back to his native Italy on holiday to visit his parents. Unlucky for him, Italy and Libya went to war and Dominic, still an Italian citizen found himself on the front lines in the Italian army until his discharge in 1913.

The first boat back was fine with him, and after corresponding with friends, he made his way to the copper mines of the Globe, Miami area, finding work in the Black Warrior Mine in Miami. He learned the skill of a western hard rock miner. An American citizen now, he was one of the first men from the Globe-Miami area to be sent to fight the Kaiser.



Dominic Rosa, photographed by the Ingersol-Rand company underground at the Old Dominion Mine, Globe, Arizona (ca. 1925)



Dominic Rosa, third from left. Black Warrior mine, Miami, Arizona. Prior to World War I.

Discharged in 1919 and again taking the first boat back, Dominic settled in and married a Globe native, Elena, and worked the Iron Cap, the Superior Boston, the Sulfide Tunnel and then the locally famous Old Dominion Mine. First as a miner, then as shift boss, Dominic saw the Old Dominion in its prime and glory. It was the largest copper mine in the Globe-Miami area and put the mining district on the map. But its size and riches fell victim to the depression and inability to keep the mine dry; she closed in 1931 and never reopened.

During the depression, Dominic and other hard rock miners from the area

put their talents to work for the government programs, building roads. He found steady work again at the number 9 shaft in Superior, one of the few copper mines to stay open during the depression.

Starting as a miner, he worked his way into an underground mine foreman position where he remained until his retirement in 1955.

Dominic Rosa was one of the few immigrant miners who stayed. He built his own house, raised three children and saw mine lighting go from candlestick, to carbide, to electric lamps.

Dry drilling, coal dust, and World War I gas finally took its toll. Shortly after his retirement, he died at his home on Berrautti Street. The Old Dominion is still there, his house is still there, but Dominic and all the other hard rock miners now are remembered by the photos they left behind.¹

Notes

1. We would like to thank John and Patsy Rosa for allowing us to interview them and for the use of the two photos for this story.

Grier Bros. Carbide Flask

by Dave Johnson

Grier Bros. of Pittsburgh, Pennsylvania was a well known producer of oil wick and carbide lamps. It would appear that the firm found a way to utilize parts from its oil wick lamps after the lamps were no longer sold due to the use of carbide lamps by miners.

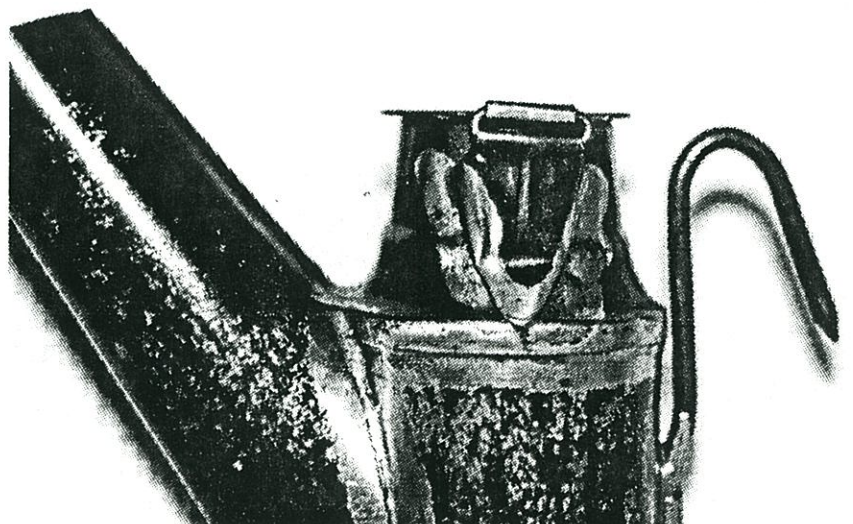
The pictured pocket carbide flask uses the single piece collar shoulder from one of its oil wick drivers' lamps. The cap had originally been meant for use on an oil wick lamp requiring the hole to be soldered over to keep moisture out when used on the carbide flask. The cap, hinge assembly and body are tin, while the collar/shoulder piece is brass.

The flask measures 7" in height, with an oval base that measures 2 ¹³/₁₆" by 1 ¹/₂". As with most Grier Bros. products, workmanship is very good. It is stamped with the Grier name and logo.

(Right) Grier Bros. pocket carbide flask.

(Below left) Flask collar/shoulder and hinge assembly.

(Below right) Drivers' lamp collar/shoulder piece and hinge assembly.



South American Cap Lamp

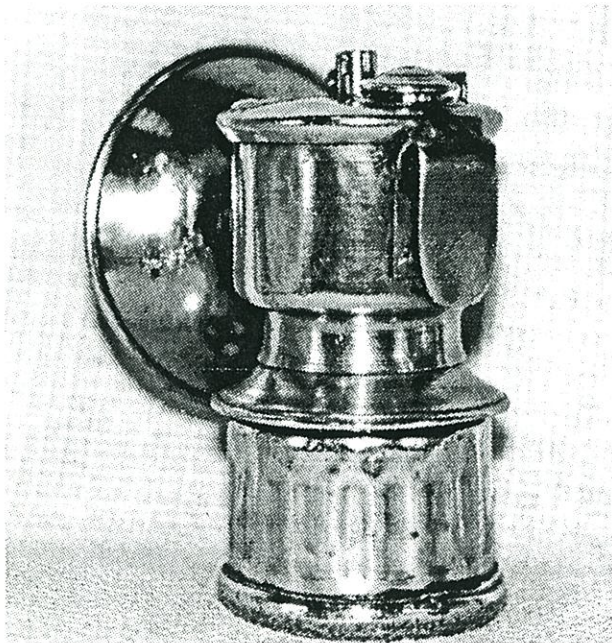
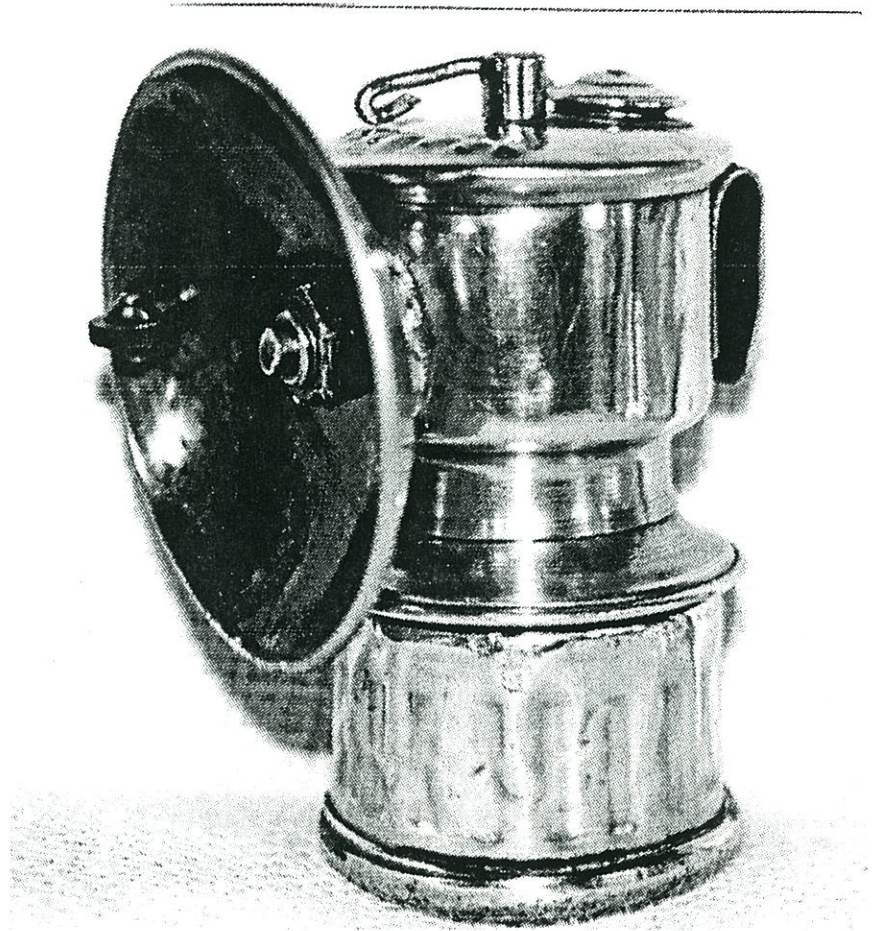
by Dave Johnson

Coming to the U.S. from South America by way of Germany, this unmarked carbide cap lamp recently was added to my collection. The all brass lamp has a nickel-plated steel reflector and a wide spade hook. The hand grips on the base are indented, rather than raised, oblong strips. There are 10 raised stops for the water feed lever on the top. The water tank appears to have been spun judging from the obvious lines. This lamp is made of very heavy brass, 1/4 to 1/3 heavier than U.S. manufactured lamps. Does anyone have any information on this lamp?

(Right) South American carbide cap lamp.

(Below left) Rear of lamp showing spade mount.

(Below right) Top view showing water lever and notches.



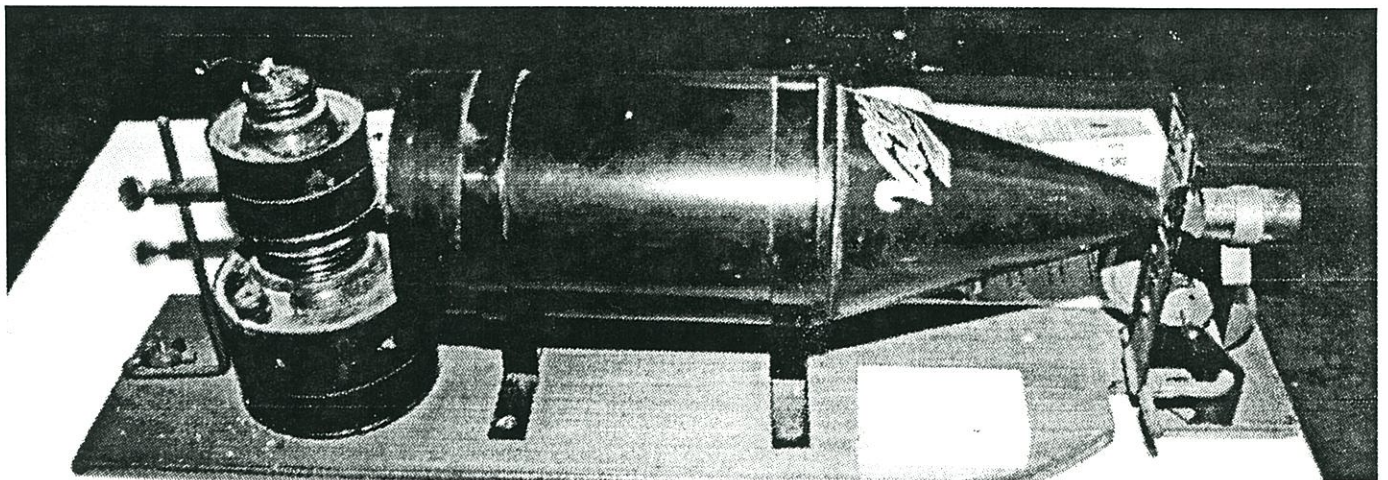
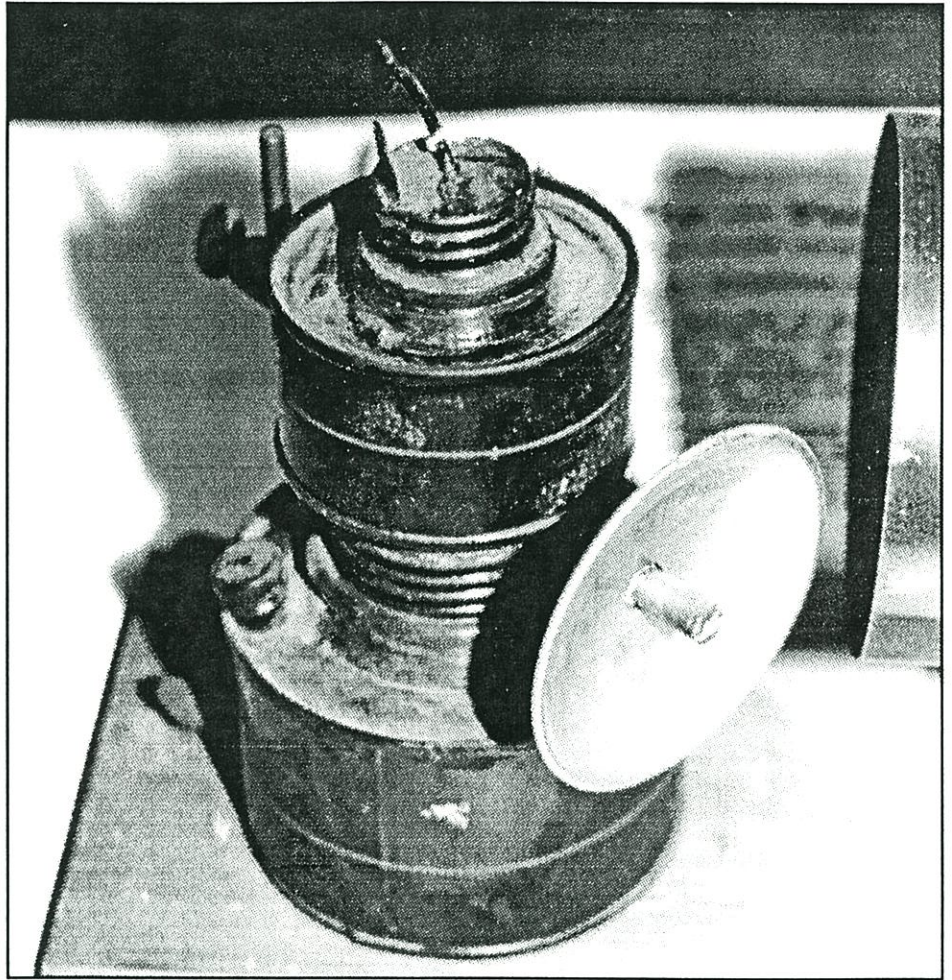
The Vitak

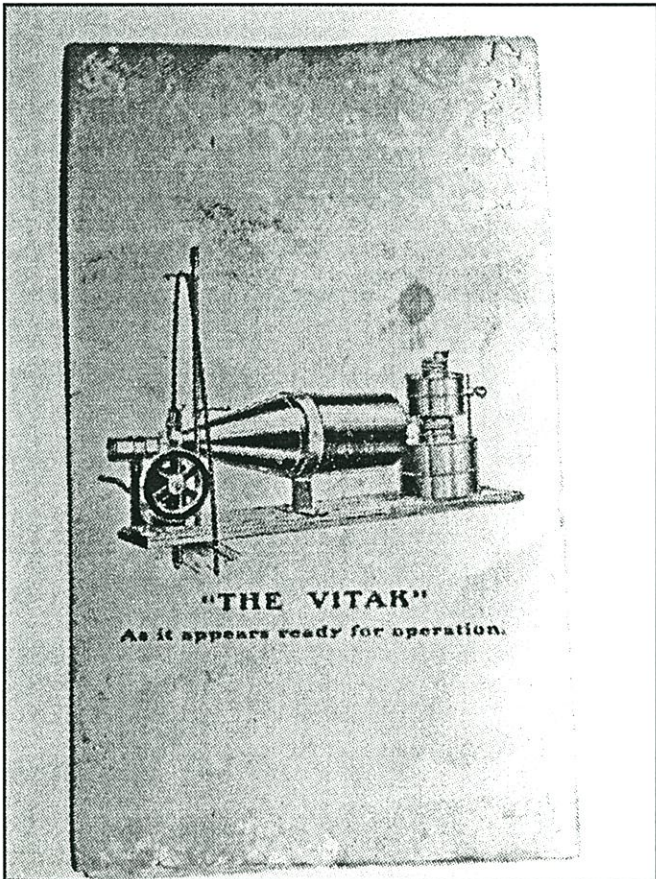
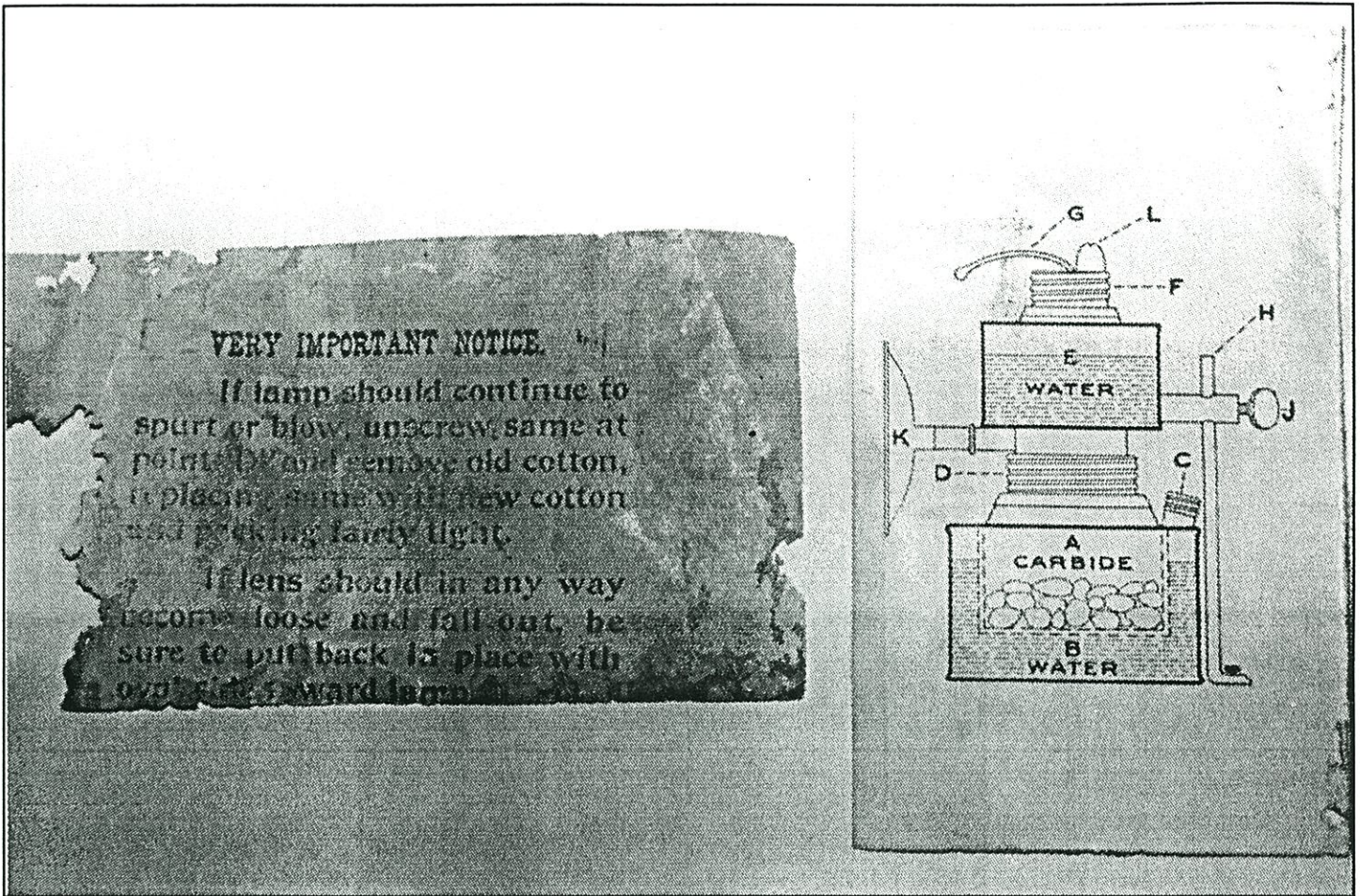
(a.k.a. Big Black Baldwin)

by Jim Van Fleet

Some collectors have acquired a large Baldwin “hand lamp”. The lamp is highly prized for several unusual features. It has a separate water-jacket that surrounds the carbide chamber, presumably for cooling. It is painted gloss black with a decorative red “racing stripe” around the top and bottom chambers. The mounting device features a round hole with a wing-nut, and the burner tube is of unusually large diameter.

Collectors with such a lamp may now rest assured that they are proud owners of a genuine *movie projector lamp*! That’s right, this was designed to be connected to a long conical apparatus for collecting carbide-generated light and focusing the beam over video frames of Charlie Chaplin and the likes. The photos I include here, taken from a nearby museum, are self explanatory.





Instructions and schematic diagram of the carbide lamp designed for illuminating motion picture film.

Some of the lamp's unusual features can now be explained. The wing nut clamp was used to secure the lamp to a metal rod that was attached to the table. The larger diameter gas tube was probably necessary to produce a brighter flame needed for projection. A more vigorously burning lamp would tend to become very hot, hence the water jacket surrounding the base to absorb the chemically generated heat.

Though the Vitak, as is was known, was a Baldwin product, it should by no means be considered a mine lamp, or even a hand lamp. Its value, on the other hand, should not be diminished, for it represents a significant aspect in the development of carbide lighting devices.

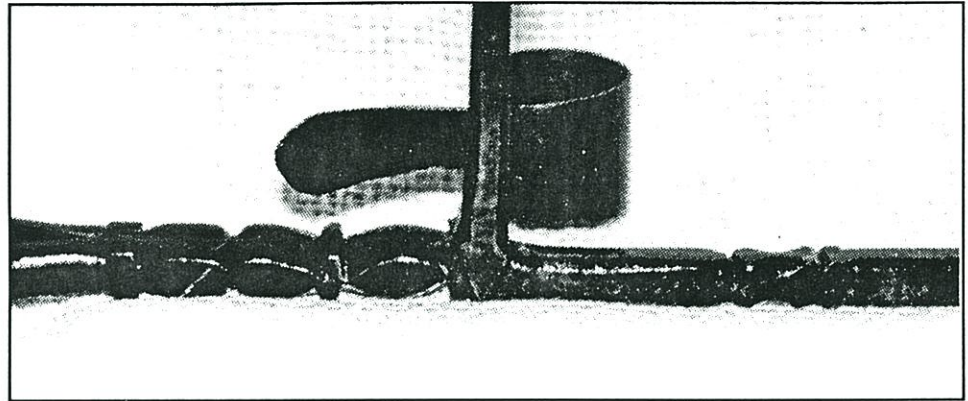
Blacksmith Candlesticks

by Dave Johnson

Hand-made candlesticks are often lumped into a category of low esteem. Yet a historical story or slightly different form of workmanship reflecting purposeful thought of the maker adds a certain charm that makes the piece collection-worthy. Three sticks are described below that demonstrate just this.

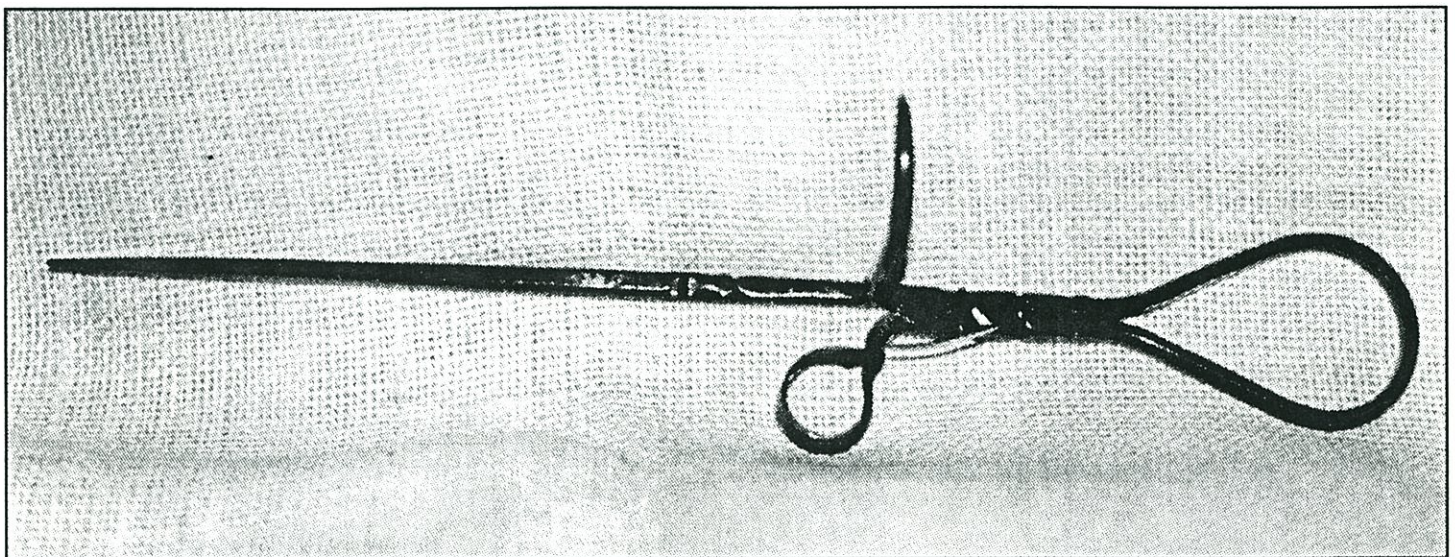
A Western Stick Moves to the Copper Country

Estate sales are excellent places to acquire candlesticks in Michigan. This fancy stick came from an estate sale in Hancock, Michigan in 1968. The estate was that of the son of the original owner. Family members told me that the stick was acquired while the owner worked as a copper miner somewhere in Arizona, they weren't sure where. In 1902, he moved from Arizona to Hancock, Michigan where he worked as a miner and then supervisor at the Quincy Mine for almost thirty years before retiring.



This movement is the opposite of what was the rule. Generally miners left the declining Michigan copper mines after 1900, moving to newer, more fertile districts. Western style sticks are seldom found in the Lake Superior Region where one sees the distinctive Lake Superior style hook.

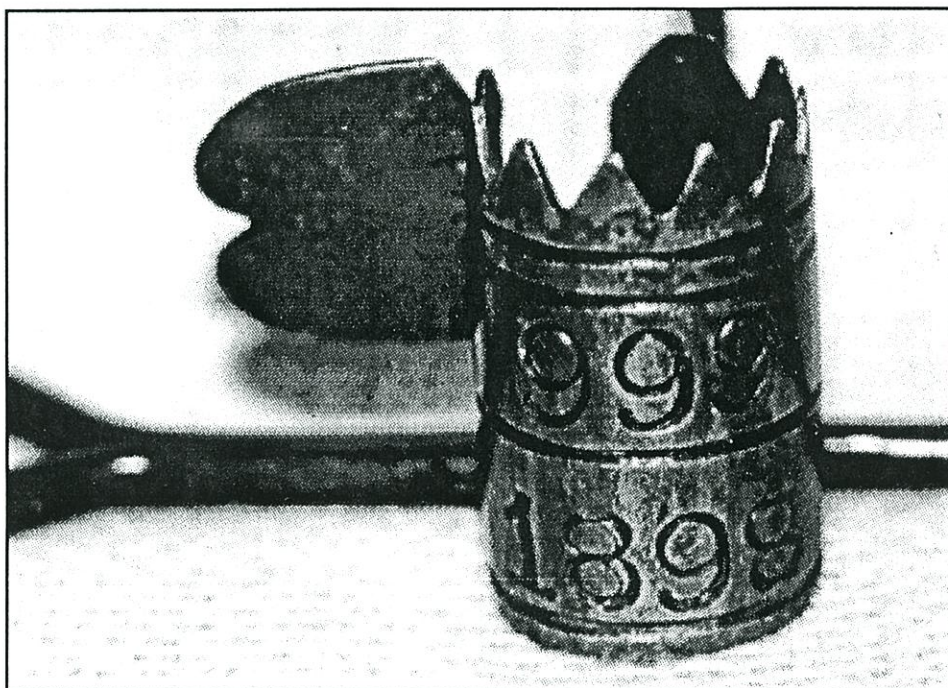
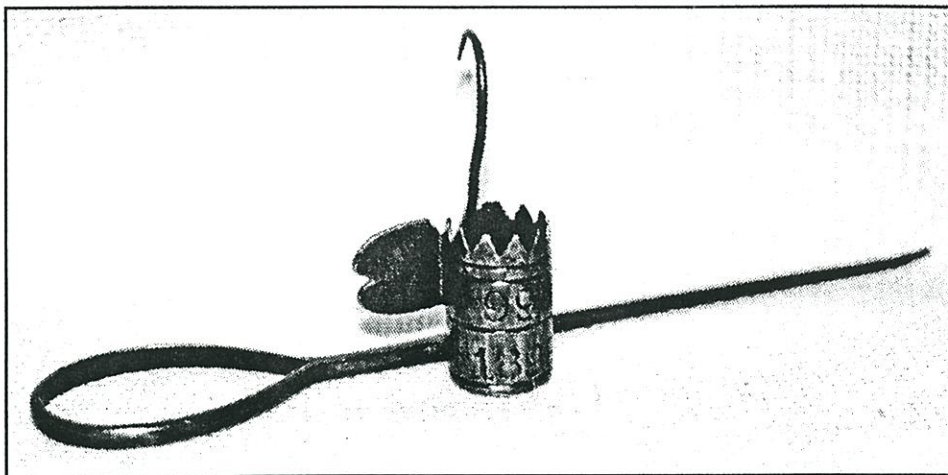
The stick is 13 1/2" long. The hook is octagonal at its base, becoming round as it curves. The thumb lever on the thimble is longer than average. The handle is half round on the loop, with high ornamentation on the neck which continues about a third of the length of the spike before becoming square. Overall workmanship is excellent.



Presentation Stick

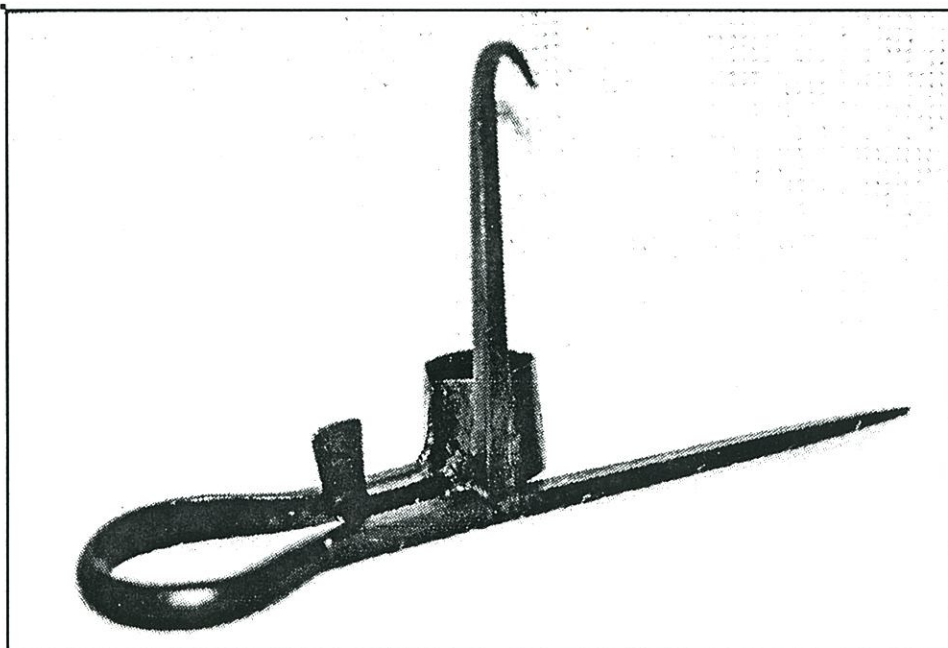
Purchased at an estate auction in Ironwood, Michigan, this semi-fancy stick reportedly originated in Colorado. According to the grandniece of the former owner, the stick was given to her great-uncle by his family in 1898 while he worked as a miner in Cripple Creek, Colorado. She stated that in 1905 the family moved to Ironwood, where her great-uncle joined his brother, her grandfather, working in the local iron mines until his retirement in 1932, from his position of shift foreman.

While the 1898 date signifies the date the stick was given to its former owner, the significance of the 999 was not passed down along with the stick. The stick measures $8\frac{7}{8}$ " overall with a teardrop handle. The handle is half-round, with an octagonal spike. The hook is round at its base becoming square about half-way through its length and is constructed of very slender stock. The thumb lever is highly ornamented. Overall, the stick is only $\frac{1}{2}$ to $\frac{1}{3}$ as heavy as a Varney stick, making this a very finely crafted stick.



An Unusual Thumb Lever

This small, rather plain stick was found in Montana. Measuring just $6\frac{3}{4}$ " in overall length, this stick has a hook that is $3\frac{3}{4}$ " in height, more than half its overall length. The unusual feature of this stick is the extended vertical thumb lever. The handle is half-round and the spike is square. The handle loop does not close at the neck, but rather is separated by about $\frac{3}{4}$ ".



Fourth Annual Eastern Reunion

by Jim Van Fleet

The weekend of June 21, Gay Bindocci and the COMER Museum hosted the 4th Annual Eastern Mining Artifact Collectors Swap meet and Reunion, in conjunction with the 2nd Annual Coal Mining Cultural Heritage Day. COMER (the College of Mineral and Energy Resources, West Virginia University) has proved to be a good host two years running. The turnout this year was amazing, due partly to advanced publicity and partly, we suspect, due to positive word of mouth from last year's show.

Over 60 collectors booked into the hotel Friday evening, and room visits, trades and sales were brisk until after midnight. A fair amount of excitement was generated by the really nice collection of mining lights and blasting cap tins purchased by Bob Schroth and Dave Thorpe *on their way to the show!* This year, rare carbide cap lamps were the featured attraction, and many collectors got their first look at an "S & S," and a "Norleigh Diamond," not to mention the one-of-a-kind "H. Gall" lamp featured in this issue. Brite-Lite cap lamps were downright common!

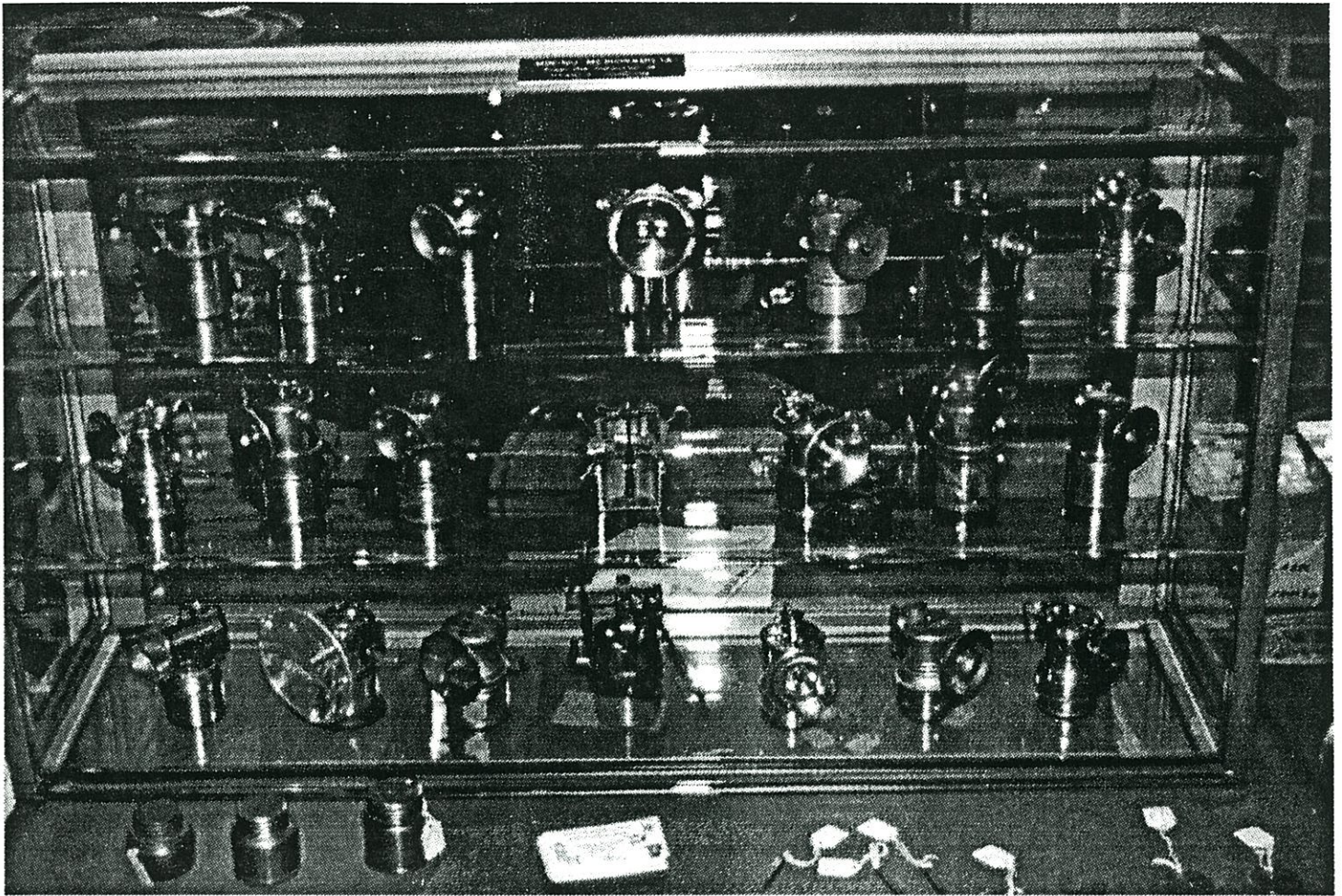
The show on Saturday, located in the lobby of the COMER Building, featured 20 tables of artifacts and mining memorabilia for trade or sale, and another half-dozen tables with really



Logo for Coal Mining Cultural Heritage Day.



Mike McLaughlin's display case.



Dave Johnson's display case.

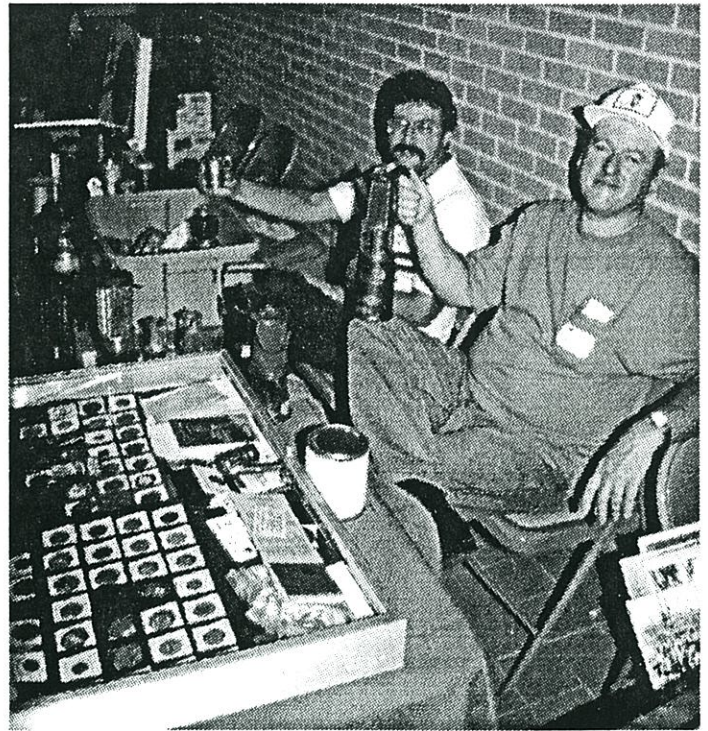
nice displays of rare mining paraphernalia. The walk-in traffic during the day must have numbered 200, and at one point it was actually crowded! Folks ogled at Mike McLaughlin's display of Maple City style cap lamps (and that H. Gall), and Dave Johnson set up a display of rare carbide cap lamps, including his "cut-away" Lu-mi-num salesman's model. Mike Puhl brought what looked like his entire collection of rare brand lamps, and set them up on some impromptu shelves held up by bricks.



Mike Puhl and his collection of carbide cap lamps.

To be sure, items other than lamps were available. Mark Ballard set up a large exhibit of UMWA badges, buttons, work pins, photographs, and memorabilia. Many interesting swaps took place this year, contrary to the notion that the old-fashioned art of horse-trading has gone out of style. Mark Ballard is shown holding a Wolf carbide safety lamp he got in trade, and right behind him, Kelley Deem holds up a "The Buddy" which traded hands at the show a number of times!

In addition to the Collector's show, events this year included a photographic exhibit by Builder Levy entitled "Images of Appalachian Coal Fields," in the COMER Museum, and old time movies with a mining theme in the auditorium. After the show wound down and folks had their dinner, we met back at the hotel for an auction of mining collectibles. Oil wicks, carbides, collectible paper items, and related paraphernalia went to the highest bidder as Kelley Deem auctioned them off with his usual expertise and good humor.



Kelley Deem and Mark Ballard.



Watch for details of next year's event hosted in Louisville, Kentucky!

(left) Lester Bernstein sits behind a load of artifacts for trade or sale.

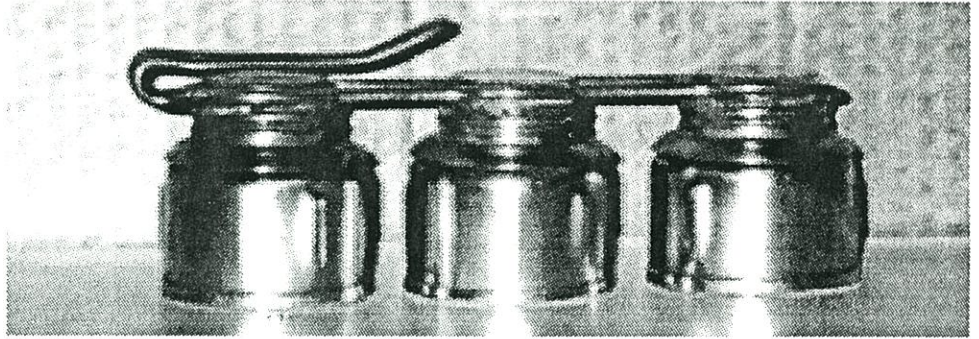
<p>CALCIUM CARBIDE</p> <p>miner's grade</p> <p>WARNING</p> <p>Flammable and Explosive Gas Forms if contents become wet</p> <p>Keep out of reach of children</p> <p>Contents: 2 1/4 LBS.</p> <p>B & B Enterprises P.O. Box 441 Lewisburg, WV 24901</p>	<p>WEST VIRGINIA CARBIDE</p> <p>EASTERN MINING ARTIFACT COLLECTORS SWAP MEET & REUNION MORGANTOWN, WV JUNE 26, 1993</p>	<p><i>This commemorative label, wrapped around a carbide can, was made and distributed by Bob Liebman (Bob & Bob Enterprises.)</i></p>
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Grier 3-bottom Carrier

by Ray Setteur

About a year ago a large number of these in-line carriers suddenly appeared on the market. Their "mass-infusion" kept the prices down and allowed many collectors to add this previously rare artifact to their collection. Now, the original finder of the carriers comments on their discovery and their intended use in the state of Ohio.

This Grier 3-bottom carrier was developed primarily for use in Ohio because of restriction on use of carbide lamps. Early on, the use of carbide lamps was objected to by the Ohio Department of Mines, and the dumping of spent (used) carbide in the mines was forbidden.



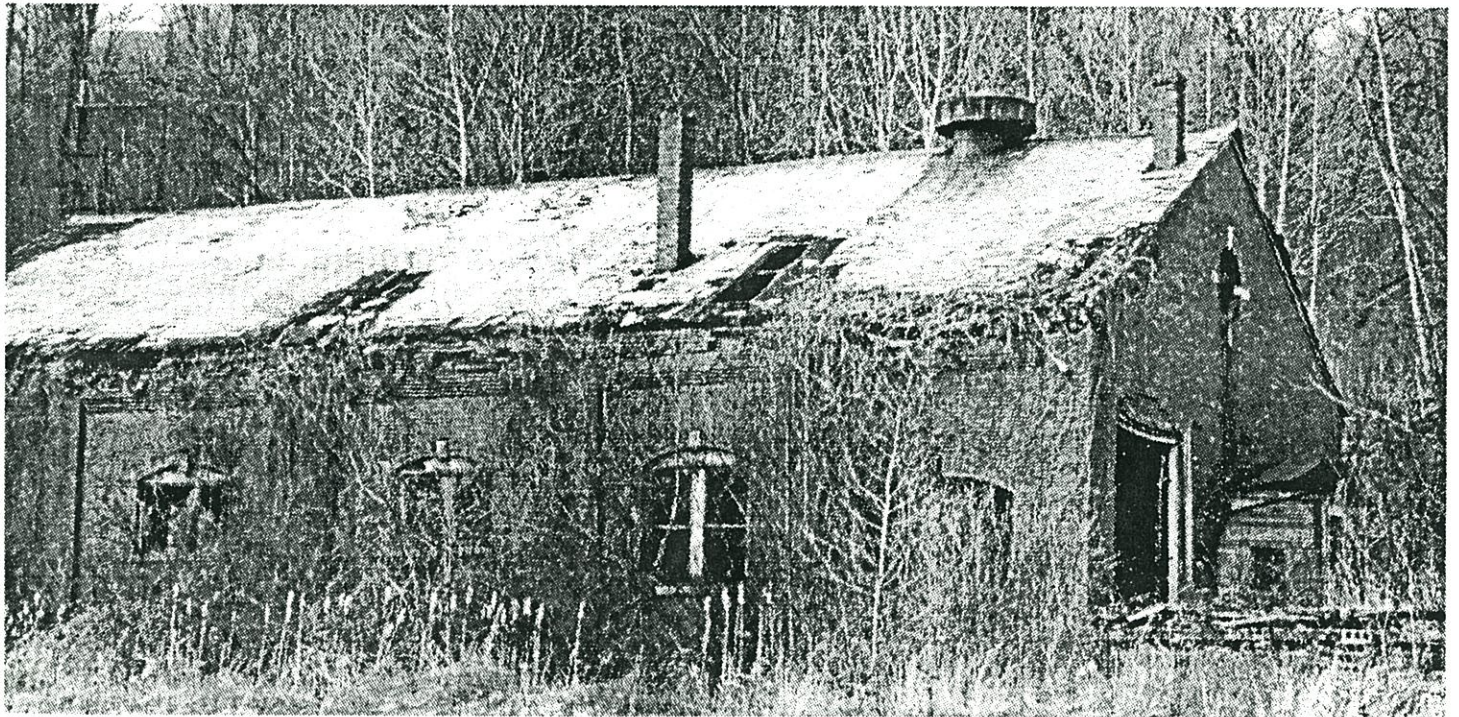
Grier 3-bottom carrier, one of a dozen recently found in Ohio.

A full case of twelve carriers was found recently in an old company store in Blaine, Ohio. This store was operated by Andy Telentis until around 1952. Lorain Dock and Coal operated the Blaine mine from roughly 1906 to 1952.



Mine shop at Blaine Mine, Blaine, Ohio, Lorain Coal and Dock.

(Below) Old steam and bath house at Blaine Mine.



I. E. Swift Co. Oil Wick Lamp

by Dave Johnson

Established in 1869 to serve the mines and railv ays of the Marquette Iron range, the I. E. Swift Co. of Ishpeming, Michigan became the largest supply house in the Upper Peninsula. By 1885 the firm had expanded to sell mill supplies, heavy hardware, steel and lubricating oil, in addition to mine and railway supplies. The firm further expanded before 1900 to handle building and shelf hardware, house furnishings, paints, glass and other products.



Houghton, Mich., 10/21/01 190...

Sold to Quincy Mining Co.

#5845

*I. E. Swift Co.,
Mine, Mill and Railway Supplies.*

*Builders and Shelf Hardware.
House Furnishings, Paints, Oils, Glass, Etc.*

ORIGINAL

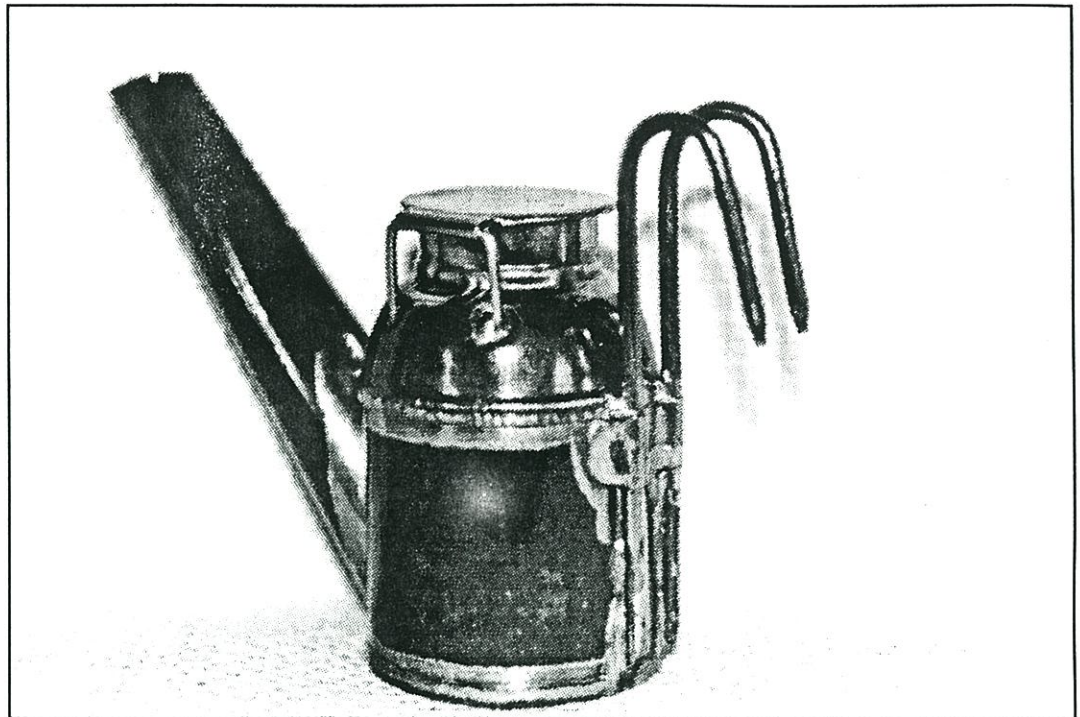
TERMS 30-DAYS NET CASH.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

By 1900, I. E. Swift expanded its operation to include a supply house in Houghton to serve the Michigan copper mines and mills. The firm also served the iron mines of Michigan's Gogebic Iron Range.

I. E. Swift offered an oil wick lamp under its firm name. Produced by Leonard Bros. of Scranton, Pennsylvania, this lamp follows the classic Leonard Bros. style. The lamp stands 2 1/2" tall to the top of the cap and is made of tin, with a brass collar. The single spout is 3 7/16" in length. The most interesting feature of this lamp is the double wire cap hooks, a feature found on extremely few oil wicks.

Does anyone else own a different version of the I. E. Swift lamp?



Sources:

Ishpeming City Directory 1889.

I. E. Swift Letterheads: 1885, 1892, 1899, 1901 from author's collection.

Heavy Hardware,
Lubricating Oils.

I. E. Swift,
2, 4 AND 6 BANK STREET.

Mine, Mill
AND
Railway Supplies.

BLACK
DIAMOND STEEL

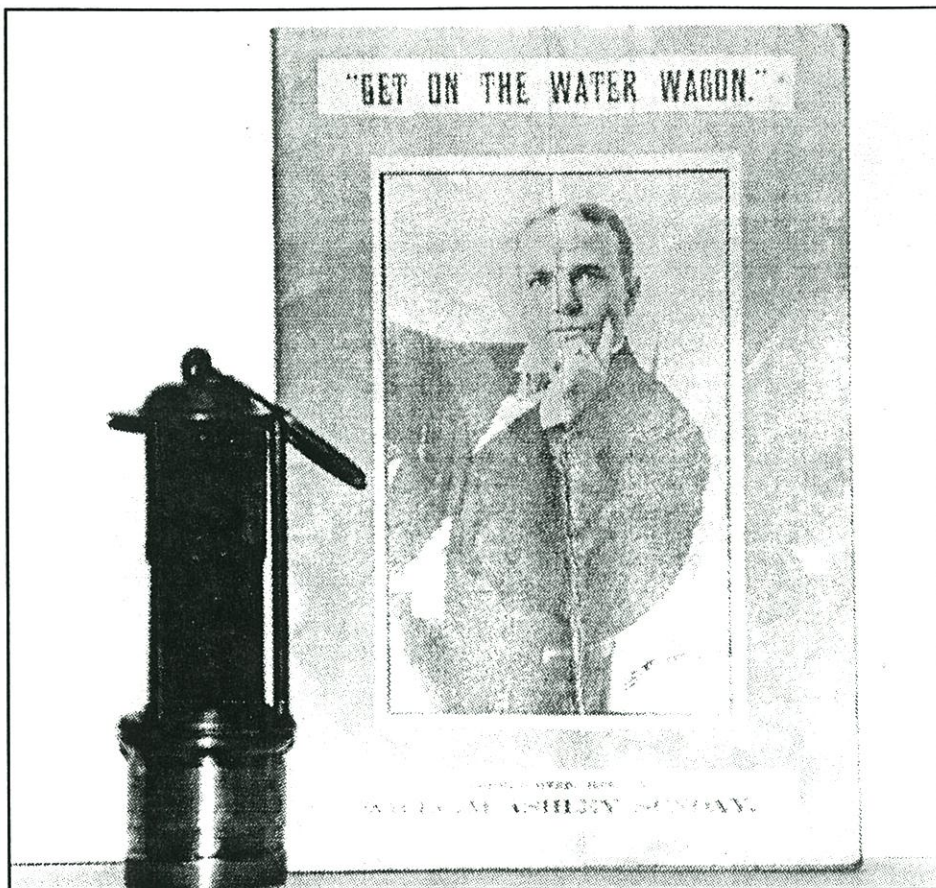
Ishpeming, Mich., 9/30 1885

Presentation Safety Lamp

by Lester Bernstein

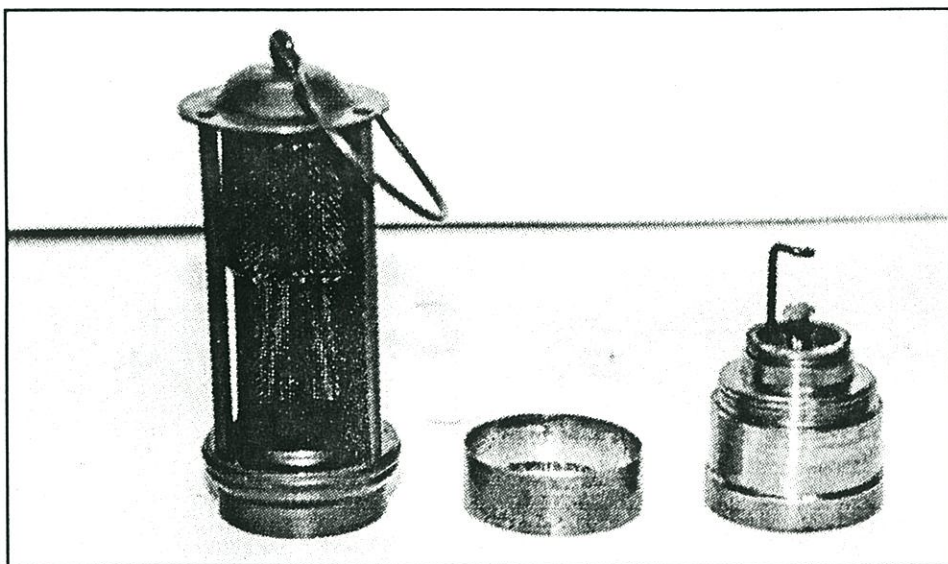
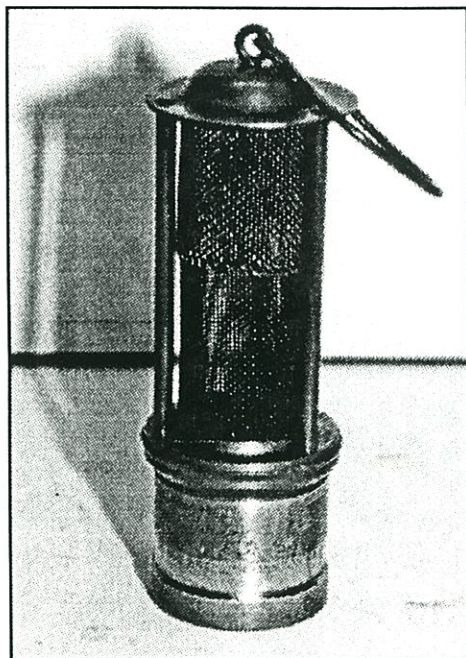
While at home one evening, I received a phone call from a longtime friend who owns an antique shop in Ohio. He described a small miners' lamp with some writing at the base. We agreed to meet and I returned home with an interesting little lamp with a past.

The lamp is a Hughes Bros. Davy approximately 4 1/2" tall with a Sterling silver presentation band around the base that reads "Presented to Rev. W.A. Sunday by Employees of No. 5 D&H Co." Along with the lamp was a soft-bound book authored by William Ashley Sunday (copyright 1908) titled "Get on the Water Wagon" which speaks at length about the scourges of drink. With the help of fellow collectors, I learned about the Delaware and Hudson Co. and their mine and railroad holdings in Pennsylvania, New York, and Vermont.



Miniature Hughes Bros. safety lamp shown next to book by W. A. Sunday.

(below left and right) Presentation Hughes Bros. safety lamp, assembled and disassembled.





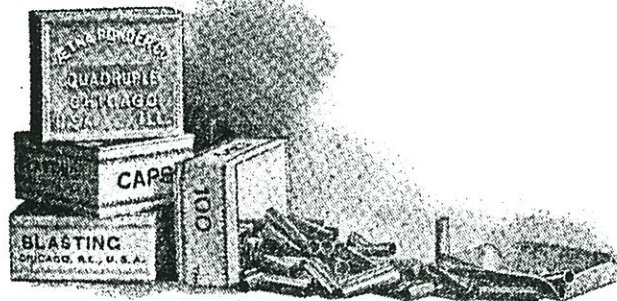
BITS



Aetna Powder Co.

A few nice vignettes are reproduced here courtesy of Bruce Beck, of Phoenix. They were taken from the blasting section of a Fairbanks Morse & Co. catalog he owns. All of the items shown have now become collectible amongst the blasting aficionados.

AETNA DYNAMITE

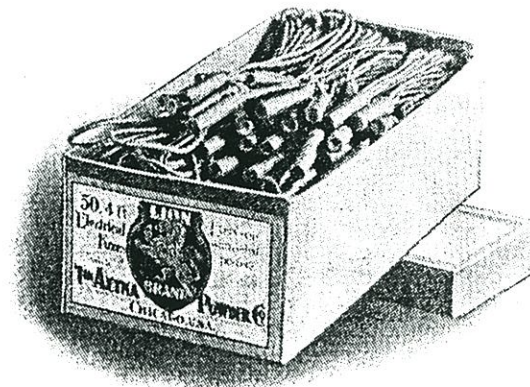


EUREKA! Gets Publicity

The Mining History News magazine mentions EUREKA! in their May issue. The write-up is as follows.

“Members interested in mining collectibles, lanterns, signals, and hardware should write Jim Van Fleet, collector and publisher of Eureka, The Journal of Mining Collectibles. The journal includes brief essays on items and their provenance. It is a slick, well prepared publication”

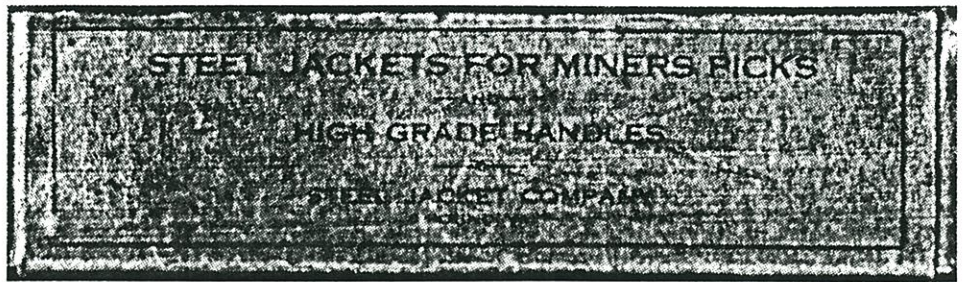
Thank you, and we agree!



Miners' Pick Guards

Milton Ellison, of Wise, Virginia has sent us these photocopies of a box and instructions for a miners' pick guard. The device is a steel jacket that wraps around the wood handle where it is most likely to break. They were patented and manufactured by Martin Branham of Pound, Virginia. Old timers recall that he had several patents. One of his inventions, was a large sized brick, known as a "Speed Brick". This was considered his most important accomplishment.

(right) Box end and instructions for Pick Guards.



Steel Jacket Co., Pound, Va. How to Install Soft Steel Jacket.

The illustration shows how the Steel Jackets are properly installed.

Place Jackets on handle as shown. If necessary trim handle to proper slope and drive nails 1 and 2 first, this will hold Jackets in proper position to drive rest of nails. In changing to new handles if Jackets become dented or warped they may be hammered straight again over one inch rod.

Pat. Pending Ser. No. 67946

Nail 1

Nail 2

If Handle is extra hard a Shorter Nail may be Used.

Guarantee: These Jackets are made from soft steel to prevent breaking or splitting and guaranteed to last one year against breakage or wear and the dealer is hereby authorized to replace any jacket free of charge that does not give this much service. Date Purchased _____ Dealer _____

Hand-made Medal

This hand-made medal from the Lake Superior copper district is unique in that it is fabricated from a piece of native half-breed (copper & silver). The #2 Calumet (?) shaft and an early incandescent light are handsomely etched, as are the letters FF (or LL?). I have been unable to determine the origin of this piece, or its meaning. Nonetheless, it is a fine piece of work from a long-forgotten craftsman.

Chuck Voelker



New Maple City Lamp

Bob Schroth recently found this new version of a Maple City cap lamp. Note the forward tilting reflector and the cap braces at the rear. A major piece.



Lunch Bucket Lamp

Dave Gresko, of Toledo, Ohio, has unearthed this beautiful miners' lunch pail. It contains its own lamp for heating and light. Great find!



FRANK GUY
MINER and INVENTOR
—OF—
THE CARBIDE MINER'S LAMP

Brother Miners,

You can help a brother miner at no cost to yourself if you always insist on having my Guy Dropper lamp. My lamp with its perfect dropper will not cost YOU any more than imitations so why not use the original STANKLIN lamp that was made by a practical coal miner. Everytime you buy one of my Guy Droppers, you help me make a living.

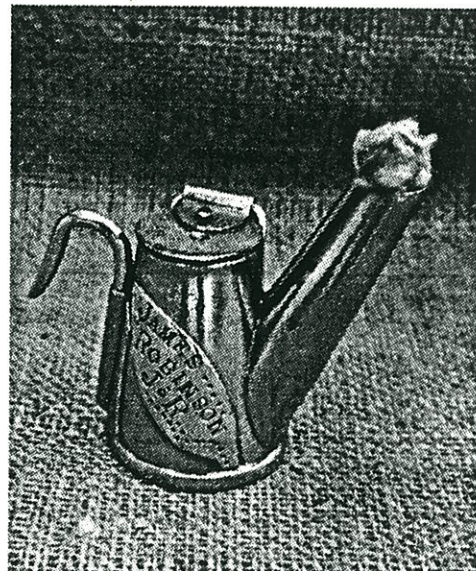
I know my "Guy Dropper" is a good lamp. The miners in England, Scotland, Canada and most everywhere in the United States insist on my genuine Guy-Dropper.

Yours truly,
FRANK GUY

Guy Dropper flyer, submitted by Errol Christman.

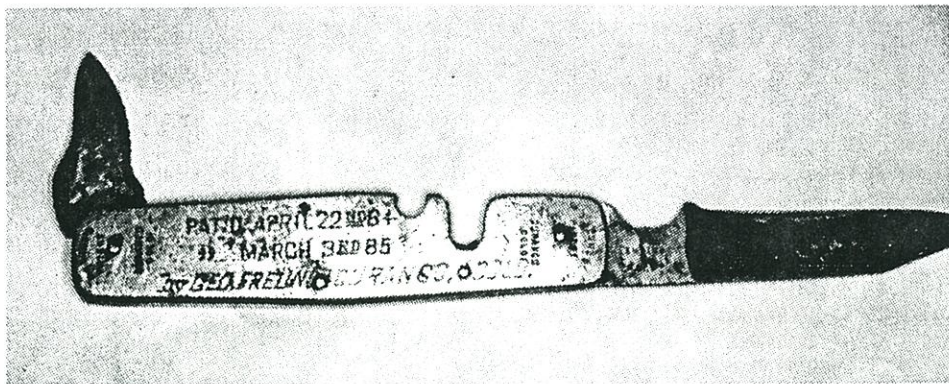
Custom Oil Wick?

Ken Rupp just keeps on finding stuff. The latest find for the Altoona collector is this beautifully made oil wick lamp. Any information on its maker or whom it was made for would be appreciated.



Patented Powder Knife

Bruce Beck, of Phoenix had the opportunity to photograph this interesting knife. It was patented in 1884, and was designed specifically as a powder knife. The notches in the handle are designed for cutting fuse and crimping caps. Bruce is very interested in obtaining one of these for himself. He may be contacted by writing *EUREKA!*

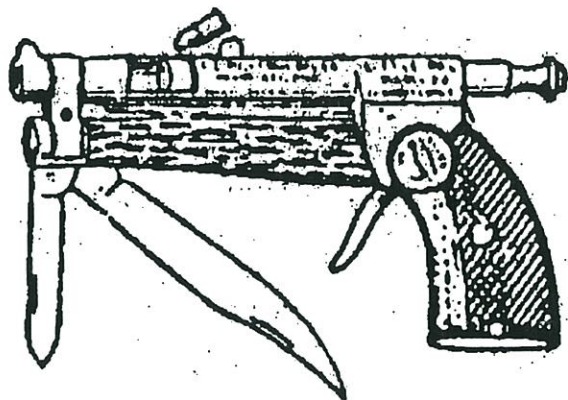


Powder knife: Patented by George Freund, Durango, Colorado. April 22, 1884 and March 3, 1885.

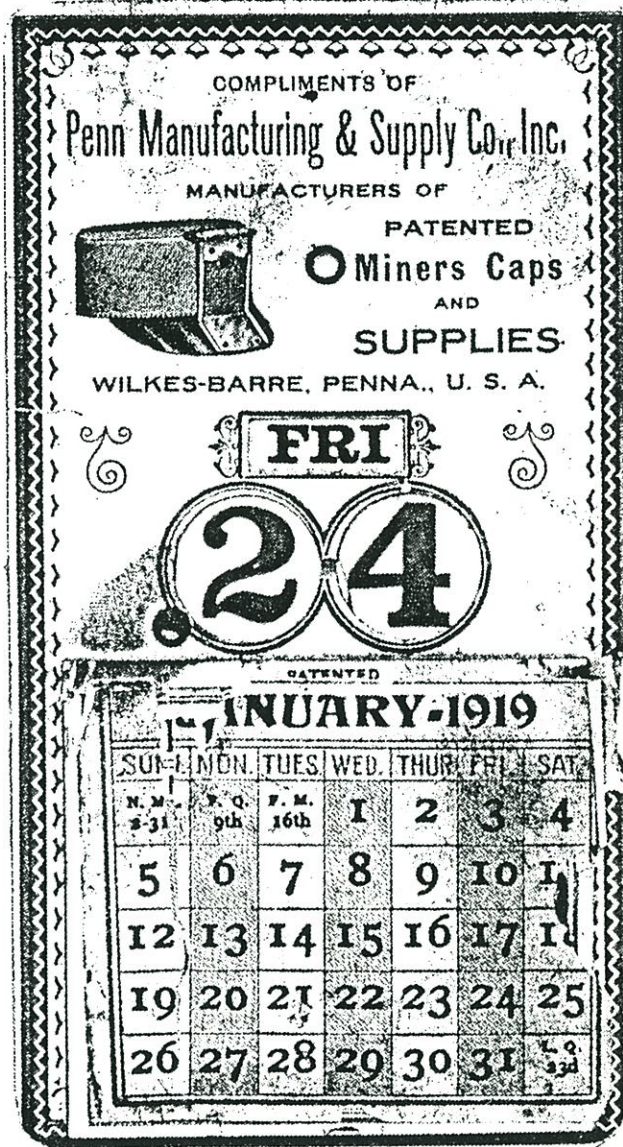
More on Polhemus

L.E. Polhemus manufactured and sold various mine lamps and accessories from his variety stores in Miami, Arizona (see *EUREKA!* Issue 5, Winter 1993). It appears that he had invented a hunting knife-pistol as well. Todd Town brought this item to our attention as it was written up in a local newspaper. In its day, the pistol was advertised as "Polly's Little Pal". "This article is made for service and is so designed that the hunter may at all times have a good knife for skinning game and at the same time have a handy .22 caliber pistol for close quarter and emergencies."

A local resident, "Babe" Milan, who ran a newsstand in Miami for several years remembers Polhemus as practicing his own form of medicine on patients who came to him for cures. Additionally, he remembers Polhemus leaving Miami around 1924, and dying many years later in Albuquerque.



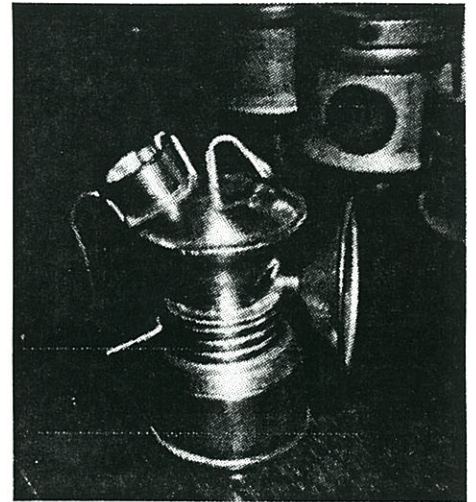
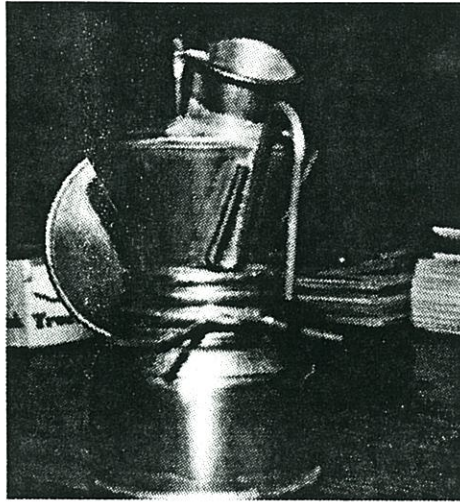
*'POLLY'S LITTLE PAL'
Hunting knife pistol.*



*Mining supply company calendar,
submitted by Jim Van Fleet.*

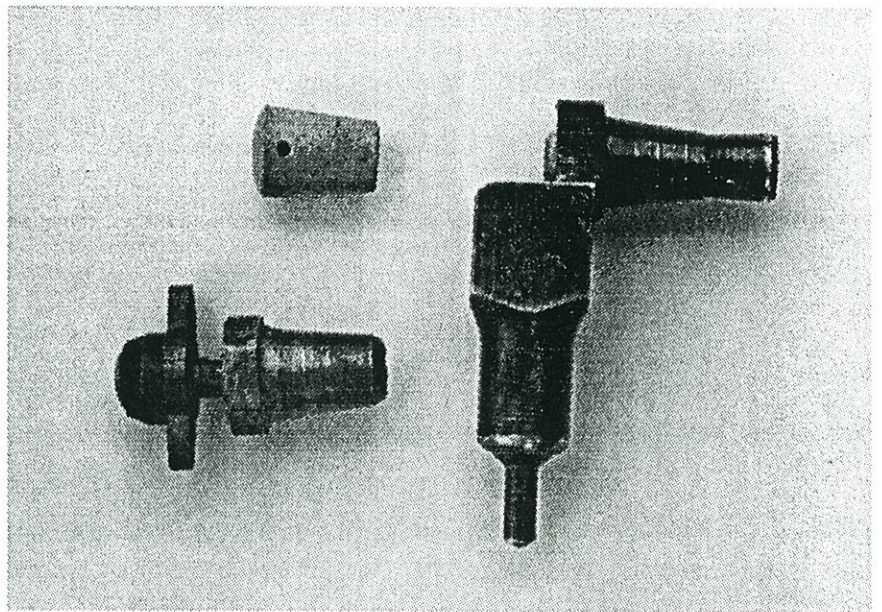
Tall Door Baldwin

Errol Christman sends these photos of an early Baldwin cap lamp he has recently acquired. Note the tall collar for the water door. Errol speculates that this may be an adaptation for use with a candleholder. He has even found a stick in his own collection that fits just fine.



Another Tip-cleaner Tip

Mike McLaughlin has found this interesting carbide burner tip which has its own built-in wire cleaner. It is operated by depressing the "propeller" which drives the lava tip down over a wire. Shown in the photo is the new tip alongside a Shanko tip-cleaner and a standard 4-hole lava tip. Mike speculates that this may be a Justrite product, and would be interested in obtaining more information on the device.



Side



Angle



Depressed



Top



Bottom



TRADES & SALES



RATES

Ads up to 75 words labeled "For Trade" or "Wanted" are free to subscribers. Ads with items for sale, up to 50 words, and business cards will be published at the rate of \$6. For subscribers, quarter-page ads are \$25, half-page \$50, and full-page ads \$95. The fee for non-subscribers is \$15 for ads up to 75 words. For larger ads, add \$25 to fee for subscribers. Fee includes custom computer layout. Members of the editorial board are charged for all sales advertisements.

Eureka! will not publish prices on items for sale. Contact seller for prices.

No reproductions of any type will be knowingly advertised unless so stated.

No member of the staff will act upon an advertisement in EUREKA! prior to its mailing.

CONDITIONS

Ads must be submitted for each issue in which they will appear. Send all ads to Jim Van Fleet prior to Dec 10, Mar 10, Jun 10, and Sep 10 for publication in the following issue. Ads are accepted on a space available, first-come first-served basis. We reserve the right to refuse any ad. Eureka! assumes no responsibility or liability for the contents of ads; however, every effort will be made to assure a high standard of honesty in advertising.

If any advertiser is contacted about an item in their ad prior to the publication being mailed, they are asked to report the incident to the Editor in Chief. Remember that it is to the advertiser's benefit to wait until Eureka! is in the hands of all subscribers before disposing of a trade or sale item. Please keep in mind that a trade or sale conducted through the mail is not complete until both parties are satisfied!

Trade or Sale: Beautiful United Mine Workers of America Banner from Wyoming. Measures 50" by 35". Factory made with lots of gold fringe. A gorgeous and very rare item. Waltham 7 jewel pocket watch with mining scene embossed on back. Shows two miners at work with picks and shovels and one miner has an oil lamp. Lu-Mi-Num cap lamp. Prefer to trade, but will consider cash offers. Interested in carbides and related items. Len Gaska, 1688 Corson St., Pasadena, CA 91106 ((818) 405-0647 evenings, (818) 351-4439.

Wanted: Mining certificates for Silver Dale Mining Co. of Nevada. Call Jeff (619) 941-2848.

Wanted: Mining and quarrying artifacts used in new Hampshire, for Museum of New Hampshire History. Contact Doug Copeley, N.H. Historical Society, 30 Park Street, Concord, NH 03301 (603) 225-3381.

Wanted: Mining postcards from Bisbee, AZ (pre-1930's), Cobalt, Ontario (pre-1920's), and Butte, MT (pre-1930's). Hank Lienemann, 8 Duane St., Cortland, NY 13045.

For Sale: Rare French book about miner's lamps "Des Lumieres dans La Nuit" by Michel C. Dupont. \$80 + postage. Hans-Joachim Glapa, Sussardweg 12, PF1320, 4352 Herten, GERMANY tel: 02366/38672.

Catalog: Send for an interesting catalog of mining history books and photos. (Postage appreciated) If you have any books for sale relating to Michigan iron and copper mining, please write to me. Robert Fox 1235 N. Westfield St., Oshkosh, Wisconsin 54901.

Trade: Premier carbide hand lamps (brass tank, screw water cap, Premier carbide hand lamps (steel tank, hinged water cap), Premier carbide hand lamps (steel tank, screw water cap), Pinnacle No. 5 carbide hand lamp (aluminum), Pinnacle

carbide hand lamp (cast brass), Pinnacle carbide hand lamp (aluminum), Protector safety lamps, Broken Hill candle spike, American mining share certificates, Broken Hill mining share certificates, European mining share certificates. Gerry Dillon, 29 Warramunda Crescent, Banksia Park. S.A. 5091.

Wanted: New Jersey Mining Artifacts, Stock certificates from NJ mines, Books on New Jersey mining history, reflector for Wolf cap lamp and reflector for Baldwin cap lamp (push-on), William B. Vis, Madison Gardens Apt. 52, Bldg. 4, Old Bridge, NJ 08857.

Wanted: Buy or trade Michigan copper mining stocks, antiques, photos. Chuck Voelker, 614 Harding Plymouth, MI 48170 (313) 451-5911.

Trade/Sale: Miners' round canteen marked ACME Miners' Bottle, Calumet and Hecla checktags, Centennial Mine check tag, unmarked Pathfinder base with cover. Dave Johnson, 8106 Barbour Manor Dr., Louisville, KY 40241 (502) 327-7559.

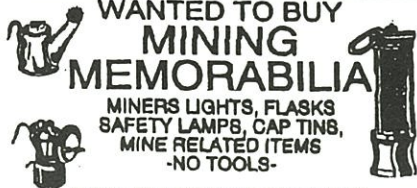


THE MINER'S PICK

Wanted!

**CARBIDE LAMPS
AND OTHER
MINING MEMORABILIA**

MIKE McLAUGHLIN
P.O. BOX 607 - SPOTSYLVANIA, VA 22553
(703) 582-2146



**WANTED TO BUY
MINING
MEMORABILIA**

MINERS LIGHTS, FLASKS
SAFETY LAMPS, CAP TINS,
MINE RELATED ITEMS
-NO TOOLS-

CALL: 814-944-9307 AFTER 5PM
ALTOONA, PA

SALE OR TRADE:

CARBIDES — Lu-Mi-Num, Baldwins, Victor, Zar, Buddy, Simons, Pocahontas, others.

OIL WICKS — Aluminum, Dunlap boxed or shield, Husson, Frostburg, brass Long.

SAFETY LAMPS — Bickerton, brass Koehler, ASL&MS and others.

WATCH FOBS — UMWA, Homestake, Red Owl Coal, Ironwood Michigan, Anaconda, Pitts Coal, Hardsocg, Great Western Smelting, others.

Miscellaneous — Leader & Guy's Dropper flasks, Aetna No.6 cap tin, push-on Justrite reflector, mining diorama scene (see Eureka! No.3, p.33).

SEND SASE FOR FULL LIST OF SALE ITEMS AVAILABLE.

WANTED: Duplex, Springfield, Scranto, Scranton, Squarelite, better oil wicks and carbides, collections or part of collections, Maple City "miners' service station."

**New Video
When Copper Was King**

I am excited about being able to offer to you this excellent video, WHEN COPPER WAS KING.

This 56 minute video documentary will take you to Ontonagon County in Michigan's Upper Peninsula.

You will go underground into several old mines as well as viewing underground at the Caledonia Mine and the famous White Pine Mine which are both active mines.

The White Pine Mine is a large facility employing approximately 1,100 employees.

You will also view fabulous old underground mine scenes, several abandoned mines, as well as surface scenes.

You will enjoy seeing this video.

The price of the video is \$19.95 plus \$2.55 shipping, Total \$22.50.

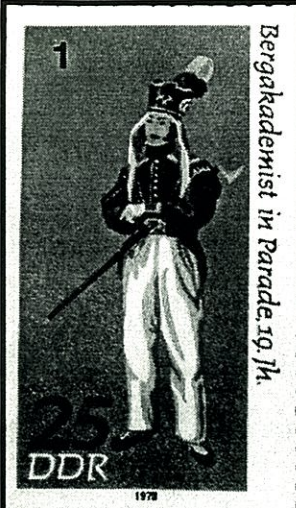
I look forward to hearing from you.

Robert L. Fox, 1235 N. Westfield St., Oshkosh, Wisconsin 54901

KEY TO STAMPS LISTED ON BACK COVER

Many European countries have issued stamps with mining motifs in the 20th century. In Europe, mining has been more highly regarded as an occupation than in the U.S. and is thus more likely to be commemorated on stamps. (Submitted by Manfred Stutzer).

1. This 1978 German stamp illustrates the dress uniform of a 19th century mining university student and was first issued on May 9.
2. This 1978 German stamp illustrates a miner wearing a 19th century dress uniform and was first issued on May 9.
3. The Austrian Government first issued this stamp on March 23, 1947, nicely illustrating a coal mine in the Steirmark, the equivalent of a county in Austria.
4. This stamp, first issued on April 20, 1938, commemorates French coal miners.
5. Issued on September 2, 1949, this Hungarian stamp, featuring a miner carrying an electric handlamp, commemorates the "Day of the Miner."
6. Illustrating two miners drilling underground, with two hand carbide lamps for illumination, this stamp was first issued on September 8, 1957 by the government of Czechoslovakia.
7. This Rumanian stamp illustrates the official crest of the mining town of Petrosan. First issued January 5, 1980, this stamp with its illustrated crest featuring a pneumatic drill, safety lamp, and crossed hammers attests to the importance of the mining industry in the life of this community.
8. This Czechoslovakian stamp, first issued on April 12, 1957, features three miners with a carbide hand lamp standing in front of a mine headframe.
9. To commemorate the 175th Anniversary of the French School of Mines, the French Government issued this stamp on April 11, 1959.
10. First issued on May 5, 1970 to commemorate the 43rd national Congress of the Federation of Philatelic Societies, this French stamp features a safety lamp with crossed hammers and two mine headframes.
11. On August 10, 1956 Luxemburg issued this stamp featuring a safety lamp.
12. The Czechoslovakian Government issued this 700th Anniversary stamp on September 11, 1949, featuring a windlass and two miners with tools and an oil lamp from the Middle Ages.
13. This Austrian stamp, first issued on September 15, 1967 commemorates the Wolkersdorf coal mine. Judging by the headframe, this mine is a rather large operation with the shaft divided into four hoisting chambers.
14. The 200th Anniversary of the Mining University of Banska Stavnica was the reason for this Czechoslovakian stamp first issued on June 20, 1964.
15. First issued on November 5, 1934, this German stamp features a miner with a pick and unbonnetted safety lamp.
16. First issued on September 10, 1953, this Czechoslovakian stamp commemorates the "Day of the Miner."
17. First issued on September 9, 1953 by the Rumanian Government, the "Day of the Miner" stamp features a helmeted miner with an electric coal drill. Lighting for the miners work is provided by an electric hand lamp.
18. This German stamp illustrating a miner with an electric hand lamp was first issued on October 1, 1957.



Bergakademist in Parade, 19. Jh.



Oberberghauptmann in Parade, 19. Jh.

