

# *INDEX*

Part I:  
Volumes 1-8

(compiled by Len Gaska)

**EUREKA!**

Part II:  
Volumes 9-25

(compiled by Dave DesMarais)

# Part I: Issues 1-8

## Articles by Title

- 1992 Western Swap Meet, (No. 4, p 29-30)  
Aetna Powder Co., (No. 7, p 3S)  
American Carbide Hand Lamp Survey and Guide,  
(No. 7, p 2-12)  
American Mining Tool Co., (No. 2, p 15-16)  
American Ores & Asbestos Co., (No. 6, p 34)  
Another Boxed Jwtrite, (No. 2, p 36)  
Another Tip-cleaner Tip, (No. 7, p 39)  
Anton Oil Wick, (No. 4, p 32)  
Arizona Asbestos Association, (No. 4, p 4)  
Arizona Hard Rock Miner, (No. 7, p 20-21)  
Ashland Mine Pocket Mirror, (No. 4, p 32)  
Ashworth Safety Lamps, (No. S. p 20-24)  
Aurora Mine Cigarette Case, (No. 6, p 36)  
Baldwin Look-alikes, (No. 6, p 29-31)  
A Beard-Mackie Presentation Lamp, (No.1, p 27)  
B. Electric Oil Wick, (No.8, p18)  
Blackstnith Candlesticks, (No. 7, p 26-27)  
Blasting Cap Tins Discovered by Collectors in the  
Fall of 1991, (No. 1, p 28)  
Blasting Cap Tins Discovered in 1993,  
(No. 6, p 24-25)  
Bluefield Pocket Knife, (No.5,p 40)  
Bolivian Mining Stamp, (No. 2, p 34)  
Book Review, "Deep Enough," (No. 2, p 35)  
Book Review, "Hardrock Gold, A Miner's Tale,"  
(No. 6, p 36)  
Book Review, "Mine Lighting in Nevada"  
(No. 4, p 33)  
A pox of Scrap Metal, (No.7,p 13-1S)  
Boxed DuPont Cap Crimpers (No. 1, p 35)  
Boxed Shanklin Pans, (No. 6, p 14-15)  
Brass Husson (No. 3, p 12)  
A Brief History of the Development of the Miner's  
Safety Lamp, (No.1, p 21-24)  
A Brief Review of Scranton, Victor, and Black  
Diamond, (No. 4, p 11-13)  
Britelite Instructions, (No. 6, p 37)  
The Buddy Bottoms, (No. 4, p 31)  
Buddy cap lamp pre-assembled, (No. 1, p 33)  
Burrel Gas Detector, (No. 2, p 34)  
Buxton Iowa 1900-1944 : A Unique Coal Mining  
Town, (No. S. p 32-36)  
The California Cap Company, (No. 3, p 9- 11)  
Canadian Mine Bell Sign (No. 6, p 37)  
Canary in a Coal Mine, (No. 8, p 2-6)  
Cap Tins & Wrappers Discovered by Collectors in  
1992, (No. 3, p 23-24)  
Carbide Lamp Sticks (No. 1, p 9-12)  
Carbide Lamp Thread Cleaner, (No. 3, p 22)  
Carbide Repair Kit Boxes (No. 2, p 17-21)  
Carbide Safety Lamps, (No. 5. p 14-15)  
Central Coal Co., (No. 3, p 17)  
A Chest of Wolf Safety Lamps & Parts, (No. 6, p 3S)  
Cliff Mine Stamp Mill, (No. 8, p 36)  
A Coal Mining Song, (No. 1, p 29-30)  
Collectors Converge upon Errol Christman's Home,  
(No. 2, p 37)  
College Credit for Making Reproduction  
Candlesticks, (No. 3, p 38)  
Commemorative Mining Medals, (No. 5, p 16-17)  
Commorative Oil Wick Lamp, (No. 2, p 33)  
Compliments of Consolidation Coal, (No. 8, p 24-  
25)  
Copper Country Souvenir, (No. 8, p 20)  
Custom Oil Wick?, (No. 7, p 37)  
Daylight, (No. 6, p 26-28)  
Demmler Brothers, (No. 4, p 1-3)  
Demon Strike Light, (No. S. p 26-27)  
Derby The Town That Was, (No. 3, p 18)  
Detachable Oil Wick Stick, (No. 4, p 4)  
A Different Zais Oil Wick, (No. 8, p 31)  
"Digging Art," (No. 3, p 38)  
Doud or Dowd?, (No. 3, p 17)  
Droop Spout Oil wick, (No. S. p 40)  
E. A. Sherwood Candlestick, (No. 1, p 19)  
E. F. Long Oil Wick Lamps, (No. 2, p 29-30)  
Early Baldwin Hand Lamp, (No. 1, p 35)  
Eastern Collectors Meet, (No. 4, p 27-28)  
EFG Candlestick, (No. 6, p 37)  
Eureka Mining Spoon (No. 2, p 36)  
Eureka! Gets Publicity, (No. 7, p 35)  
Explosive Control Tokens, (No. 2, p 27)  
"Eye Brand" Carbide Hand Lamp, (No. 2, p 37)  
F. W. Braun Catalog, 1911, (No. 6, p 38-39)  
F. W. Watson Oil Wick Lamps, (No. 3, p 19-20)  
The Felix Lamp, (No. 2, p 23-24)  
Fidelity Electric Co., A Historical Perspective,  
(No. 8, p 32-34)



- Force Feed Quartet, (No. 5, p 2-5)
- Forcing the Issue, (No. 2, p 36)
- Fourth Annual Eastern Reunion, (No. 7, p 28-30)
- Gem Manufacturing Company, (No. 3, p 2-7)
- Grasselli Explosives, (No. 4, p 7-9)
- Grier 3-bottom Carrier, (No. 7, p 31)
- Grier Bros. Carbide Flask, (No. 7, p 22)
- Grier Bros. Superintendent's Lamp, (No. 2, p 34)
- Guys Dropper Flyer, (No. 7, p 37)
- The Guy's Dropper Squalite, (No. 4, p 21-24)
- H. Gall, (No. 6, p 16-19)
- Hand-made Medal, (No. 7, p 36)
- Hansen Cap Lamps, (No. 1, p 2-8)
- Hansen's Last Patent, (No. 4, p 7)
- Hardsocg Manufacturing Co., (No. 1, p 13-16)
- Hardsocg Watch Fob, (No. 5, p 42)
- Hardy Patent Pick, (No. 8, p 19)
- Hendrick Mfg. Co. & the O'Keefe Patent,  
(No. 8, p 29-30)
- History of the Hammond Safety Explosives Box,  
(No. 5, p 28-31)
- Husson Candlestick Found (No. 3, p 21)
- I. E. Swift Co. Oil Wick Lamp, (No. 7, p 32-33)
- International Lamp Show, (No. 8, p 38)
- An International Traveler, (No. 2, p 33)
- "J.O.N." Michigan Candlestick, (No. 2, p 14)
- Jennison Hardware Co., (No. 4, p 20)
- John D. Gill's Sons, (No. 6, p 16-21)
- John Mitchell Poster, (No. 2, p 36)
- Justrite Acme Hand Lamps, (No. 8, p 7-8)
- Justrite Lighters, (No. 5, p 6)
- The Justrite Specials, (No. 6, p 8-9)
- Justrite's Jumbo, (No. 5, p 37-39)
- L. E. Polhemus Manufacturing Co., (No 5, p 18-19)
- Lamps on Stamps (No. 1, p 34)
- Light to Wash Away Mountains, (No. 3, p 8)
- Lunch Bucket Lamp, (No. 7, p 37)
- The M. A Cozzens Lard Oil Co., (No 2, p 28)
- M. M. Buck & Co., (No. 1, p 19)
- Magic City Oil Wick, (No. 8, p 18)
- The "Manhattan:" a Full Moon Bicycle Lamp,  
(No. 1, p 34)
- Maple City Canteen, (No. 4, p 31)
- Marshall-Wells Hardware Co. Catalog 1913,  
(No. 5, p 43)
- Mechanical Crimper, (No. 5, p 41)
- Metal Miners' Half-Shift Lamps, (No. 4, p 15-16)
- A Michigan Presentation Candlestick, (No. 1, p 20)
- Miller Patent Candlestick. (No. 6, p 23)
- Mine Cage & Call Bell Signs, (No. 3, p 36)
- Mine Company Scrip, (No. 3, p 29-32)
- Mine Fire Signal Sign, (No. 4, p 10)
- Mine Lighting in Nevada, (Book review),  
(No. 4, p 33)
- Miners' Badges, (No. 6, p 10-11)
- Miners' Candlesticks, (No. 8, p 26-27)
- Miner's Candlesticks of Nevada, (No. 2, p 7-8)
- Miner's Check Tags, (No. 1, p 25-26)
- Miner's Pick Guards, (No. 7, p 36)
- A Miner's Pocket Watch, (No. 8, p 23)
- Miners' Sunshine, (No. 8, p 28)
- Miniature Candlestick, (No. 4, p 34)
- Mining Camps and Ghost Towns, (No 6, p 4-5)
- A Mining Dioramas (No 3, p 33-34)
- Mining Letterheads, (No. 3, p 13-16)
- Mining Resumed at Copper Queen, (No. 1, p 35)
- Montreal Mine, (No. 2, p 13)
- More on Polhemus, (No. 7, p 38)
- More on the Full Moon, (No. 2, p 35)
- New Dynamite and Blasting Powder Book in the  
Works, (No. 6, p 10)
- New Maple City Lamp, (No. 7, p 36)
- New Name in Oil Wick Lamps: B Frostberg,  
(No. 4, p 10)
- New Oil Wick Brandnames, (No. 6, p 12)
- Nova Scotia Artifacts, (No. 8, p 36)
- NSCA Spring Scrip Show, (No. 3, p 35)
- Oil-wick Larnp Brand Name Survey, (No. 1, p 17-18)
- Oilwick Watch Fob, (No. 5, p 42)
- Oliver Iron Mining Co. Service Award, (No. 4, p 33)
- Patent Oil Wick Lamps From The Smithsonian  
Institution, (No. 2, p 9-13)
- Patented Powder Knife, (No. 7, p 38)
- The Pelton Water Wheel, (No. 4, p 17-19)
- "Pennsylvania" Style Miner's Filling Station,  
(No. 1, p 36)
- Pickands Mather & Co. Mine Safety Awards,  
(No. 2, p 22)
- Pioneer: A Real Name, (No. 2, p 25-26)
- The Potty Car, (No. 3, p 36)
- Presentation Safety Lamp, (No. 7, p 34)
- Reproduction Justrite Spare Bottom Carriers,  
(No. 1, p 18)
- The Resurrection of Sterling Hill, (No. 2, p 35)
- The Rex Cap Lamp, (No. 6, p 6-7)
- Roundup Coal Mining Cufflinks, (No. 4, p 33)
- Safety Surveying Lamps, (No. 2, p 31-32)
- Salesman's Cut-away Lamp, (No. 5, p 25)
- The Second Annual Eastern Mining Artifact Collectors  
Swap Meet and Reunion, (No. 1, p 31-32)



Seeing is Believing, (No. 3, p 37)  
 Seeking Information, (No. 8, p 37)  
 Shooter's Lamp, (No. 3, p 12)  
 Small Wooden Box, (No. 1, p 36)  
 Smoke and Chew: A Miner's Way of Life,  
 (No. 8, p 9-13)  
 Snell and Steel EverReady, (No. 4, p 34)  
 Snell Lamp Base, (No. 1, p 33)  
 South American Cap Lamp, (No. 7, p 23)  
 South American Cap Lamp, (No. 8, p 31)  
 Squarelite Stick Lamp, (No. 6, p 22)  
 St. Bernard Mining Co., (No. 1, p 36)  
 Stanley Colliery Disaster Lanterns (No. 3, p 27-28)  
 Steel Mastodons, (No. 5, p 8-9)  
 Sterling Hill, (No. 3, p 35)  
 Sunshine Fuel Container, (No. 1, p 36)  
 T. B. Bickerton Safety Lamps, (No. 4, p 5-6)  
 Tall Door Baldwin, (No. 7, p 39)  
 Ten Rare Tins Discovered, (No. 8, p 14-16)  
 Thanks to Ray Morrison, (No. 8, p 35)  
 U.M.W.A Badges, (No. 6, p 32-33)  
 UMWA Match Holder & Token, (No. 1, p 37)  
 Union Carbide Sign (No. 8, p 17)  
 Unique Oil Wick Lamps, (No. 6, p 13)  
 United Fourth Vein Coal Co., (No. 4, p 14)  
 The Unusual Harrison Patent Oil Wick Lamp,  
 (No. 3, p 25-26)  
 Vertical Justrite Box, (No. 1, p 35)  
 The Vitak (No. 7, p 24-25)  
 Watch Fobs, (No. 8, p 21-23)  
 W. E. Wells Oil Wick Lamp, (No. 2, p 24)  
 A Well Housed Bird, (No. 4, p 32)  
 Werk Candleboxes, (No. 4, p 26)  
 Wet Mine Lamps, (No. 6, p 2-3)  
 The What Cheer Tool Co., (No. 5, p 12-13)  
 What Kind of Rig is This?, (No. 5, p 41)  
 Where is it now?, (No. 1, p 37)  
 Who Dunnit?, (No. 3, p 37)  
 Wolf Carbide Cap Lamps, (No. 2, p 1-6)  
 Wolf: In English Clothing, (No. 5, p 10-11)  
 Wyoming U.M.W.A Banner, (No. 8, p 37)  
 The Year in Review, (No. 4, p 25)

## Authors

Ballard, Mark (No. 2, p 31-32), (No. 3, p 12, 35),  
 (No. 5, p 20-24), (No. 6, p 32-33)  
 Bernstein, Lester, (No. 7, p 34)  
 Bommarito, Ron, (No. 6, p 23)  
 Christman, Errol, (No. 2, p 25-26), (No. 4, p 17-19)  
 Des Marais, Dave, (No. 7, p 2-12)

Dick, Herb, (No. 8, p 28)  
 Gaska, Len, (No. 1, p 9-12, 18, 21-24), (No. 2, p 17-  
 21), (No. 3, p 13-16), (No. 4, p 21-24), (No. 5,  
 p 39), (No. 6, p 6-7, 8-9), (No. 8, p 7-8, 23)  
 Guthrie, Bob, (No. 2, p 9-13), (No. 5, p 32-36)  
 Hyatt, Paul and Nancy, (No. 2, p 29-30)  
 Johnson Dave, (No. 1, p 13-16, 17-18, 19, 20, 25-26,  
 27), (No. 2, p 13, 14, 15-16, 22, 23, 24, 27,  
 28), (No. 3, p 12, 17, 19-20, 21, 22, 29-32),  
 (No. 4, p 1-3, 4, 10, 14, 20), (No. 5, p 6, 10-11,  
 12-13, 14-15, 25), (No. 6, p 12, 13, 14-15, 16,  
 21, 26-28, 29-31), (No. 7, p 22, 23, 26-27, 32-  
 33), (No. 8, p 18, 19, 20, 26-27, 29-30, 31)  
 Kraft, Bob, (No. 4, p 17-19)  
 Kuester, Larry, (No. 3, p 18), (No. 4, p 26)  
 Martin, Andy, (No. 1, p 28), (No. 3, p 23-24), (No. 6, p  
 24-25), (No. 8, p 14-16)  
 McCabe, Stephen, (No. 5, p 26-27)  
 McLaughlin Mike, (No. 7, p 16-19)  
 Mitchell, J. Roger, (No. 3, p 27-28), (No. 4, p 5-6),  
 (No. 5, p 28-31), (No. 8, p 2-6)  
 Moon, Tony, (No. 5, p 18-19), (No. 6, p 22)  
 Podgurski, John, (No. 3, p 25-26)  
 Puhl, Mike, (No. 5, p 2-5)  
 Ramsdell, Jack, (No. 1, p 7-8), (No. 3, p 8),  
 (No. 6, p 23)  
 Rupp, Ken (No. 3, p 33-34), (No. 8, p 21-23, 24-25)  
 Schroth, Bob, (No. 3, p 9-11), (No. 4, p 7-9, 15-16),  
 (No. 5, p 18-19), (No. 6, p 4-5)  
 Stolberg Craig (No. 8, p 32-34)  
 Stutzer, Manfred, (No. 1, p 25-26), (No. 3, p 29-32),  
 (No. 5, p 16-17), (No. 6, p 10-11)  
 Thorpe, Dave, (No. 1, p 2-8), (No. 3, p 1-7), (No. 4, p  
 11- 13), (No. 5, p 2-5, 7, 8-9, 18- 19), (No. 6, p  
 2-3, 26-28)  
 Town Todd & Tina, (No. 4, p 4), (No. 5, p 18-19),  
 (No. 6, p 34), (No. 7, p 20-21)  
 Twitty, Eric, (No. 6, p 10)  
 Van Fleet, Jim, (No. 1, p 29-30, 31-32), (No. 2, p 16),  
 (No. 3, p 35), (No. 4, p 25, 27-28), (No. 5, p  
 20-24), (No. 6, p 29-31), (No. 7, p 13-15),  
 (No. 7, p 24-25, 28-30), (No. 8, p 9-13, 17)  
 Werner, Bob, (No. 6, p 35)

## Blasting Cap Tins

Aetna, (No. 8, p 14)  
 African Explosives, (No. 1, p 28)  
 Arthur Kirk & Sons, (No. 6, p 25)  
 Atlantic, (No. 8, p 14)



Atlas, (No. 3, p 24), (No. 6, p 24)  
Brewster, (No. 8, p 15)  
California Cap Co., (No. 3, cover, p 9- 11, 23-24)  
Cape Explosives, (No. 1, p 28)  
CIL, (No. 3, p 24)  
Davey-Bickford-Smith (No. 6, p 24)  
Du Pont, (No. 1, p 28), (No. 3, p 24), (No. 8, p 15)  
General, (No. 6, p 25)  
Gold Medal, (No. 8, p 15)  
Grasselli, (No. 4, p 8-9)  
Illinois, (No. 8, p 15)  
Lafin & Rand, (No. 3, p 24)  
M. C. Mfg., (No. 8, p 15)  
Montecatini Edison (No. 8, p 16)  
Nobel, (No. 8, p 16)  
Sellier & Bellot, (No. 1, p 28)  
Superior, (No. 6, p 25)  
Trojan (No. 3, p 23)

## Book Reviews

"Deep Enough," (No 2, p 35)  
"Hardrock Gold. A Miners Tale," (No. 6, p 36)  
"Mine Lighting in Nevada," (No. 4, p 33)

## Candleholders

Blacksmith (No. 1, p 19, 20), (No. 2, p 14), (No. 6, p 37), (No. 7, p 26-27), (No. 8, p 26-27)  
C. Cleaves, (No. 5, p 9)  
Fancy, (No. 1, p 20, 37), (No. 6, p 37), (No. 7, p 26-27), (No. 8, p 26-27)  
Husson, (No. 3, p 21)  
Launder, (No. 5, p 8-9)  
Miller, (No. 6, p 23)  
Miniature, (No. 4, p 34)  
Nevada, (No. 2, p 7-8)  
Presentation, (No. 1, p 20, 37), (No. 6, p 37), (No. 7, p 27)  
Reproductions, (No. 3, p 38)  
Sherwood, E. A, (No. 1, p 19)  
Washburn, (No. 2, 7-8)  
Western (No. 6, p 38)

## Carbide Flasks

Grier, (No. 7, p 22)  
Hansen, (No. 1, p 7)  
Hardsocg, (No. 1, p 16)  
Maple City, (No. 4, p 31), (No. 5, p 43)  
Unknown, (No. 1, p 36)

## Carbide Lamps

Acme (Justrite), (No. 8, p 7-8)  
Baldwin, (No. 1, p 35), (No. 4, cover), (No. 6, p 2-3, 29-30, 38-39), (No. 7, p 24-25, 39)  
Bess burner tip, (No. S. p 18- 19)  
Black Diamond, (No. 4, p 13)  
Britelite, (No. 6, p 37)  
Buddy, (No. 1, p 33)  
The Buddy (Iustrite), (No. 4, p 31)  
Daylight, (No. 6, p 26-28)  
Demon Strike Light, (No. 5, p 26-27)  
Dry-Lite, (No. 1, p 2-4)  
EverReady, (No. 4, p 34)  
Eye, (No. 2, p 37)  
Full Moon, (No. 1, p 34), (No. 2, p 35)  
Force Feed, (No. 1, p 5-6), (No. 2, p 36), (No. 5, p 25)  
Funk Bros., (No. 6, p 31)  
Gall, H., (No. 7, cover, p 16-19)  
Gee-Bee, (No. 3, p 1-7)  
Gem, (No. 3, p 1-7)  
Grier, (No. 2, p 34), (No. 6, p 30)  
Guy's Dropper, (No. 4, p 21-24). (No. 6, p 14 15, 22), (No. 7, p 37)  
Half-shift lamps (Justrite), (No. 4, p 15-16)  
Hand lamp survey and guide, (No. 7, p 2-12)  
Hansen, (No. 1, p 7)  
H. Gall, (No. 7, cover, p 16-19)  
Justrite, (No. 1, p 9-12, 35, 36), (No. 2, p 22, 36), (No. 4, p 15-16), (No. 5, p 37-39), (No. 6, p 8-9), (No. 8, p 7-8)  
Jumbo (Justrite), (No. 1, p 9), (No. 5, p 37-39)  
Lamp sticks, (No. 1, p 9-12), (No. 4, p 16, 25), (No. 5, p 38), (No. 6, p 22)  
Lu-Mi-Num, (No. S. p 25)  
LUXX, (No. 8, p 37)  
Maple City, (No. S. p 43), (No. 7, p 36)  
Milburn, (No. 6, p 38-39)  
Parts Boxes, (No. 6, p 14-15)  
Pioneer, (No. 2, p 25-26)  
Polhemus, (No. S. p 18-19)  
Polly burner tip, (No. 5, p 18-19)  
Rex, (No. 6, p 6-7)  
Scranton, (No. 2, p 33), (No. 4, p 11-12)  
Snell, (No. 1, p 33), (No. 4, p 34)  
South American (No. 7, p 23), (No. 8, p 31)  
Spare bottom carriers, (No. 1, p 18), (No. 7, p 31)  
Specials (Justrite), (No. 6, p 8-9)  
Squarelite (Guys Dropper), (No. 4, p 21-24), (No. 6, p 22)



Thread cleaner, (No. 3, p 22)  
Tip cleaner, (No. 5, p 7), (No. 7, p 39)  
Victor (non-Justrite), (No. 4, p 12)  
What Cheer, (No. 6, p 31) Wolf, (No. 2, p 1-6), (No. 4, p 25), (No. 5, p 10-11)

## Carbide Lamp Repair Kit

Auto-Lite, (No. 2, p 20)  
Dry-Lite, (No. 1, p 8), (No. 2, p 21)  
Grier, (No. 2, p 21)  
Guy's Dropper, (No. 2, p 20)  
Hansen, (No. 1, p 8), (No. 2, p 21)  
Justrite (No. 2, p 17-19)

## Explosive Related

Aetna Explosives, (No. 2, cover), (No. 7, p 35)  
Blasting Machines, (No. 8, p 32-24)  
Cap crimpers, (No. 1, p 35), (No. 5, p 41)  
Dynamite and blasting powder book, (No. 6, p 10)  
Explosive control tokens, (No. 2, p 27)  
Fidelity Electric, (No. 8, p 32-24)  
Powder knife, (No. 7, p 38)  
Safety boxes, (No. S. p 28-31)

## Manufacturers

American Mining Tool Co., (No. 2, p 15- 16)  
Anton George & Bro., (No. 7, p 13-14)  
Belt, Fred R. (No. S. p 25)  
Bickerton T. B., (No. 4, p 5-6)  
Buck, M. M. (No. 1, p 19)  
California Cap Co., (No. 3, cover, p 9-11)  
Cozzens, M. A Lard Oil Co., (No. 2, p 28), (No. 3, p 13)  
Dargue Acetylene Gas Co., Ltd., (No. 6, p 26-27)  
Demmler Brothers, (No. 4, p 1-3)  
Dewar Manufacturing Co., (No. 3, p 16)  
Everhart Brass Works, (No. 2, p 31-32)  
Fidelity Electric, (No. 8, p 32-24)  
Friemann and Wolf Co., (No. 2, p 1)  
Gem Manufacturing Co., (No. 3, p 2-7)  
Gill, John (No. 6, p 16-17)  
Grasselli Explosives, (No. 4, p 7-9)  
Grier Bros., (No. 3, p 14)  
Hammond J. V., (No. S. p 28-31)  
Hardsocg Manufacturing Co., (No. 1, p 13-16)  
Hardy Patent Pick Co., (No. 8, p 19)  
Hendrick Ma, Co., (No. 8, p 29-30)  
Jennison Hardware Co., (No. 4, p 20)

John Simmons Co., (No. 2, p 25-26)  
Justrite Manufacturing Co., (No. 1, p 2, 9), (No. 3, p15), Also see Justrite, Acme, Buddy, Jumbo, Specials, and Half-Shift Lamps.  
Knippenberg Manufacturing Co., (No. 3, p 21)  
L. E. Polhemus Manufacturing Co., (No. 5. p 18-19), (No. 7, p 38)  
Hardsocg Manufacturing Co., (No. 1, p 13-16)  
Hansen, A. L., (No. 1, p 2)  
Polhemus, L. E. Manufacturing Co., (No. 5, p 18-19),(No. 7, p38)  
Powell & Hammer, Ltd., (No. 6, p 28)  
Premier Lamp and Engineering Co., (No. 6, p 6)  
Scranton Acetylene Lamp Co., (No. 4, p 11-13)  
Shanklin Mfg. Co., (No. 6, p 14), Also see Guy s Dropper and Sqaurelite Simmons, John Co., (No. 2, p 25-26)  
Stevenson, George W., (No. 3, p 13)  
Swift, I. E., (No. 7, p 32-33)  
Watson, F. W., (No. 3, p 19-20)  
Werk, M. Co., (No. 4, p 26)  
Wells, Tracy, (No. 3, p 16)  
What Cheer Tool Co., (No. 5, p 12-13)  
Wolf Safety Lamp Co. of America, (No. 2, p 1-6)  
Wolf Safety Lamp Co. Ltd. (No. 5, p 10-11)

## Miscellaneous

Badges, (No. 6, p 10-11, 32-33)  
Banners, (No. 8, p 36, 37)  
Bird cages, (No. 4, p 32), (No. 8, p 2-6)  
Buxton, Iowa, (No. 5, p 32-36)  
Candle boxes, (No. 3, p 18), (No. 4, p 26)  
Check tags, (No. 1, p 25-26)  
Coal drills, (No. 1, p 13)  
Coal mining song, (No. 1, p 29-30)  
Copper Queen, mining resumed at, (No. 1, p 35)  
Cresset, (No. 3, p 8)  
Diorama, (No. 3, p 33-34)  
Drills, (No. 1, p 13)  
Gas dectector, (No. 2, p 34), (No. 8, p 2-6)  
Letterheads, (No. 3, p 13-16)  
Lighters, (No. S. p 6), (No. 8, p 12)  
Lunch bucket lamp, (No. 7, p 37)  
Match holder, UMWA, (No. 1, p 37)  
Medals, (No. S. p 16-17), (No. 7, p 36)  
Oil cadgers, (No. 1, p 14), (No. 2, p 15)  
Pelton water wheel, (No. 4, p 17-19)  
Picks, (No. 1, p 13), (No. 7, p 36), (No. 8, p 19)  
Potty car, (No. 3, p 36)



Reproductions, (No. 1, p 18), (No. 3, p 38)  
Safety awards, (No. 2, p 22)  
Service awards, (No. 4, p 33)  
Scrip, (No. 3, p 29-32)  
Signs, (No. 2, p 13), (No. 3, p 36), (No. 4, p 10),  
(No. 6, p 37), (No. 8, p 17)  
Souvenirs and promotional (No. 1, p 36, 37), (No.  
2, p 36), (No. 3, p 17), (No. 4, p 14, 32, 33),  
(No. 5, p 40, 42), (No. 6, p 14-15, 36), (No. 7, p  
15), (No. 8, p 20, 21-23, 25, 35)  
Spoons, (No. 2, p 36)  
Stamps, (No. 1, p 34), (No. 2, p 34)  
Sterling Hill, (No. 2, p 35), (No. 3, p 35)  
Sunshine fuel, (No. 1, p 36), (No. 8, p 28)  
Tobacco, (No. 8, p 9-13)  
Tokens, (No. 1, p 37), (No. 2, p 27), (No. 3, p 29-32)  
UMWA, (No. 1, p 37), (No. 2, p 36), (No. 6, p 32-  
33), (No. 8, p 36, 37)  
Watch, (No. 8, p 23)  
Watch fobs, (No. 5, p 42), (No. 8, p 21-23)

## Names

Clanny, Dr. William Reid, (No. 1, p 21- 23)  
Davy, Sir Humphry, (No. 1, p 21-22)  
Gable, John H., (No. 2, p 9)  
Gall, Harry, (No. 7, p 16-19)  
Hansen Augie, (No. 1, p 2), (No. 4, p 7), (No. 5. p  
3, 7)  
Harrison, William Murray, (No. 3, p 25-26)  
Lee, Charles A., (No. 2, p 12)  
Long, E. F., (No. 2, p 29-30)  
Marsaut, J. B., (No. 1, p 24)  
Mitchell, John, (No. 2, p 36)  
Smythe, James C., (No. 2, p 12)  
Stephenson, George, (No. 1, p 22)  
Watson, F. W., (No. 3, p 19-20)  
Winfield, William C., (No. 2, p 10)

## Oilwick Lamps

American Mining Tool Co., (No. 2, p 15-16)  
Anton, (No. 7, p 13-15)  
Anton, (No. 4, p 32)  
B. Electric, (No. 8, p 18)  
Bertels, (No. 5. p 40)  
Buck M. M., (No. 1, p 19)  
Chirry, (No. 4, p 1-3)  
Commemorative, (No. 2, p 33)  
Consolidation Coal, (No. 8, p 24-25)  
Davis & Magee, (No. 3, p 20)

Demmler Brothers, (No. 4, p 1-3)  
Dowd, (No. 2, p 12), (No. 3, p 17)  
Felix, (No. 2, p 23-24)  
Frostberg, B. (No. 4, p 10)  
Gable, (No. 2 p 9-10)  
Gill, (No. 6, p 16-21)  
Hardsocg, (No. 1, p 9-12)  
Harrison, (No. 3, p 25-26)  
Hendrick, (No. 8, p 29-30)  
Husson, (No. 3, p 12)  
Isaac, (No. 6, p 12)  
Jennison, (No. 4, p 20)  
Jones, (No. 6, p 12)  
Lee, (No. 2, p 12-13)  
Long, (No. 2, p 29-30)  
Magic City, (No. 8, p 18)  
Reproductions, (No. 6, p 13)  
Smithsonian Collection, (No. 2, p 9-13)  
Smoke and Chew, (No. 8, p 13)  
Smythe, (No. 2, p 11-12)  
Stick (No. 4, p 4)  
Sunshine Fuel, (No. 1, p 36), (No. 8, p 28)  
Survey, (No. 1, p 17-18)  
Swift, (No. 7, p 32-33)  
Trethaway, (No. 2, p 23-24)  
Unknown, (No. 3, p 37), (No. 7, p 37)  
Watson, (No. 3, p 19-20)  
Wells, (No. 2, p 24)  
What Cheer, (No. 5. p 12-13)  
Wicks, (No. 4, p 32)  
Winfield, (No. 2 p 10-11)  
Zais, (No. 8, p 31)

## Reunions

1992 Western Swap Meet, (No. 4, p 29-30)  
Eastern Collectors Meet (1992), (No. 4, p 27-28)  
  
Fourth Annual Eastern Reunion (1993), (No. 7, p  
28-30)  
International Lamp Fest, (No. 8, p 38)  
The Second Annual Eastern Mining Artifact  
Collectors Swap Meet and Reunion (1991),  
(No. 1, p 31-32)

## Safety Lamps

American, (No. 5. cover)  
Arras, (No. 5. p 14-15)  
Ashworth, (No. 5. p 20-24), (No. 8, p 36)



Ashworth-Hepplewhite, (No. 5. cover, p 20-23)  
Beard-Mackie, (No. 1, p 27)  
Bickerton, T. B., (No. 4, p 5-6)  
Carbide, (No. S. p 14-15)  
Clanny, (No. 1, p 22-23)  
Clowes, (No. S. p 25-24)  
Davy, (No. 1, p 21 -22)  
Everhart, (No. 2, p 31-32), (No. 4, p 25)  
History, (No. 1, p 21 -24)  
Hughes, (No. 1, p 27), (No. 7, p 34)  
Marsaut, (No. 1, p 24)

Mauchline, (No. 2, p 31)  
Muessler, (No. 1, p 23)  
Presentation, (No. 7, p 34)  
Quirin, (No. 2, p 32)  
Stanley Colliery, (No. 3, p 27-28)  
Stephenson, (No. 1, p 22-23)  
Stokes, (No. 5. p 20-21)  
Surveyors, (No. 2, p 31-32), (No. 4, p 25)  
Upton-Roberts, (No. 1, p 23)  
Wilhelm Seippel, (No. 5, p 14)  
Wolf, (No. 1, p 24), (No. 5. p 14-15), (No. 6, p 35)

## Part II: Issues 9-25

### By Title

75th Anniv. (Colorado School of Mines)  
(No.17, 37)  
A list of important dates (No.21, 28-29)  
A tale of two lamps (No.21, 32)  
Abercrombie & Fitch (No.9, 35)  
Accident tags (No.15, 41)  
Acme cap lamp (No.9, 27)  
Addendum to mining book list (No.12, 39)  
Advertising paper clip (No.17, 37)  
Aetna Powder Co. (No.21, 24-26)  
Aetna Powder photos (No.13, 28-29)  
AIME medal (No. 17, 37)  
Aliens (No. 20, 38)  
Anaconda Token (No.14, 32)  
Anderson photographer (No.12, 14-15)  
Another Bertels oil wick (No.11, 19)  
Another carbide lamp mystery (No.17, 30)  
Another What Cheer (No.22, 4-5)  
Anthracite Overall Mfg. Co. paperweight  
(No.25, 38)  
Arizona Grier (No.18, 40)  
Asbestos miner and his murder  
(No.22,16-20)  
Augie Hansen's spiral passageways  
(No.12, 2-6)  
Avondale Mine fire (No.19.25-36)  
Badges (No.21,8-9)  
Baldwin carbide containers (No.21,36)  
Baldwin ore car lamp (No.12,24)  
Barrel and chimney oil wick lamps  
(No.20,21)

Baskets (No.24,41-42)  
Beall Bros. soft cap (No.18,6)  
Benzine safety lamps of Europe  
(No.20,12-20)  
Big Black Justrite (No.16,36)  
Black Hills meet (No.16,32-35)  
Blaster's rheostats (No.11,25-27)  
Blasters' handbooks (No.25,12-19)  
Blasting machines (No.23,12-18)  
Blasting tools (No.15,10-11)  
Bloch lamps (No. 18,2-5)  
Blue porcelain (No. 21,36)  
Bob Schroth on deadly mines (No.16,39)  
Bob's Bisbee boner (No. 22,15)  
Bottom light miner's lamps (No.23,24-31)  
Brass candlestick (No.21,21)  
Butterfly lamps (No. 14, 5)  
C. George-Tunnesson-Crown (No. 17, 2-9)  
California coal mining (No.20,34-35)  
Caiifornia Dreamin' (No.14,31)  
Canadian blasting cap tins (No.12,25-28)  
Canary cage mystery solved (No.18,39)  
Candlesticks (No.22,12-14)  
Candlesticks (No.9,26)  
Cap and fuse blasting (No.9,28-29)  
Cap lamps: what to look for (No.23,2-10)  
Cap Tin Bob's trading technique (No.19,13)  
Cap tin update (No.10,33-35)  
Cap tin update (No.14,6-7)  
Cap tin update (No.19,8-9)  
Cap tin update (No.20,22-23)



Cap tin update (No.22, 30-31)  
 Cap tin update (No.25, 20-21)  
 Carbic of London (No.22, 33)  
 Cast aluminum hand lamps (No.18, 36)  
 Cast aluminum hand lamps (No.19, 9)  
 Cast aluminum lamps of England (No.20, 7-11)  
 Cast iron oil lamps (No.14,24-30)  
 Catalog Info (Justrite, Wolf) (No.25, 6-9)  
 Chas D. Gordon safety lamp (No.25, 36)  
 Cigarette lighters (No.24, 26-28)  
 Cincinnati Mill & Mine Supply Co. (No.13, 36-37)  
 Clay miners' badge (No.25, 37)  
 Clickster scores...(Anton Square Light) (No.24, 35)  
 Coal & Iron police badge (No.22, 37)  
 Coal company pass (No.21, 33)  
 Coal I. D. tags (No.22, 10-11)  
 Collectible dump truck (No.21, 15)  
 Collecting candlesticks in 1937 (No.15, 29-31)  
 Collecting on-line (No.13, 38)  
 Collecting underground (No.23, 21-22)  
 Collector's glossary (No.13, 32-33)  
 Colorado mine rescue team (No.21, 19-20)  
 Columbia Powder Co. (No.15, 4-6)  
 Consolidated Coal Co. (No.24, 32-34)  
 Copper and brass oil wick (No.17, 31)  
 Cordeau Slitter (No.21,13)  
 Corrections and additions to oil-wick patents (No. 15, 39)  
 Death Valley adventure (No.19, 14-15)  
 Dedication medal (No.23, 40)  
 Delamar Mining Company records (No.12, 22-23)  
 Dinner pail lantern (No.18, 7)  
 Dinner pail lanterns (No.12,16-19)  
 Disaster at the rolling mill (No.21, 10-12)  
 Duniap oii wicks (No. 11, 6-9)  
 E.K. Rollins Lamps (No.13, 2-5)  
 Early Justrite Letterhead (No.11,36-37)  
 Early patented oil wick(J.K. Chase) (No.19, 32)  
 Eastern reunion (No.15,34-36)  
 Edwardsville UMWA Watch Feb (No.14, 33)  
 Elk's reunion badges (No.20, 28-31)  
 Empire Dynamite Co. box (No.24, 22-23)  
 English combustion tube safety lamps (No.25, 22-34)  
 English midgy lamps (No.20, 24-26)  
 Errol Christman's meet (No.14, 31)  
 European safety lamps (No.18, 28-35)  
 European show (No.15, 37-38)  
 Everhart safety lamps (No.25, 35)  
 Exploring the Belmont Mine (No.19, 10-12)  
 F. Johnson oil wick (No.21,2)  
 Fancy oil wicks (No.11,100)  
 Fireman's searchlight revisited (No.18, 39)  
 First Wolf lamps (No.23, 32-33)  
 Folding handie cap lamps (No. 23, 23)  
 Folk art cap lamp (No.23, 41)  
 French mining ashtrays (No.17, 36)  
 Frieman & Wolf history (No.10, 10-14)  
 Frieman & Wolf history (No.11, 11-17)  
 From Down Under (No.19, 40)  
 German miner's coin (No.17, 36)  
 German mining museum (No.17, 10-20)  
 German show (No.12, 20-21)  
 Gill carbide flask (No.12, 38)  
 Gluck Auf! (No.14, 34)  
 Guys Dropper cap lamps (No.9, 2-13)  
 Hack-Sanner wicks (No.24, 20-21)  
 Hailey-Ola Co. (No.24, 29)  
 Halafax explosives (No.13, 11)  
 Hand drilling in the west (No.24, 2-7)  
 Handlan-Buck Mfg. Co. (No.14, 8)  
 Handlers Badge (No.25, 38)  
 Handy tool (Luminum scraper) (No.24, 36)  
 Hardsocg power flask (No.12, 37)  
 Hazelton Machinery & Supply (No.16, 31)  
 Help identify pick! (No.24, 36)  
 Hercules match safe (No.23, 40)  
 High roof safety lamp (No.21, 30-31)  
 Hiring miners (No.12, 39)  
 Hoist house artifacts (No.10, 16)  
 How the Autolite is made (No.25, 2-5)  
 Howell's drills (No.19, 16-19)  
 Hunters special (No. 23, 20)  
 Hydraulic mine lamp (No.11, 18)  
 Illinois Powder Mfg. Co. (No.13, 24-25)  
 Imperial's collectors notes (No.17, 30)  
 Interesting trademark (No.17, 35)  
 Intermediate Simmons lamps (No.21,16-18)  
 International meeting (No.19, 27-29)  
 ITP hooded reflector lamp (No.18, 8)  
 ITP mine car lamps (No.17, 21)  
 John Hays Hammond stocks (No.10, 36-37)  
 JOY sticker (No.18, 40)



Justrite bird cage (No.9, 34)  
 Justrite ribbed bases: early and earlier stampings (No.21, 37)  
 Kentucky Museum (No.15,17)  
 L.B. Pritchard oil flask (No.12, 37)  
 Lamp frenzy (No.16,15-16)  
 Larimore cap lamp (photos) (No.25,41)  
 Lead City Miners Union (No.11,5)  
 Leak proofwick lamp (No.12, 7)  
 Lester Bernstein (No.13, 26)  
 Letter holders (No.21, 3)  
 Letter opener (No.25, 39)  
 Letter openers (No.17, 23)  
 Liberty Powder Co. (No.15, 7-9)  
 Little Gem oil wick (No.23,19)  
 Logan Gregg & Co. (No.15, 12-14)  
 Loop-hook square lamp (No.14,12-13)  
 Lorain Coal and Dock Co. (No. 20, 38)  
 Loretto mine club (No.11, 31-32)  
 M.U.F.I.B.Maple City(lamp) discovered (No. 22, 38)  
 Made entirely in Australia (No.22, 35)  
 Maple City/Anthracite bases (No.16, 2-4)  
 Match book covers (No.15, 32-33)  
 Matchholder (No. 21, 37)  
 McMasters oil wick (No. 13, 14-15)  
 Medals and coins (No.13, 22-23)  
 Mine car manufacturer (No.18, 37)  
 Mine cars (No.21, 34)  
 Mine exploration in California (No.14, 16-19)  
 Mine games (No.15, 19-23)  
 Mine Inspectors Institute Statue (No.14, 33)  
 Mine statues (No.13, 36)  
 Mine-lte: a Grasselli Product (No. 25, 10)  
 Miner's flask (No.9, 23)  
 Miner's Nystagmus (No.10, 23-25)  
 Miner's oil flask (No.14, 14-15)  
 Miners, mules and lamps (No.16, 38)  
 Miniature safety lamp (No. 9, 30-31)  
 Mining artist Charles S. Kovach (No.20, 2-6)  
 Mining for bat habitat at Superior (No. 24, 37)  
 Mining match book covers (No.16, 39-40)  
 Mining safety awards (No.19, 2-5)  
 Monongah disaster (No.16, 22-23)  
 More internet info (No.16, 36)  
 More on belt generators from Thailand (No. 21,35)  
 Mule hard hat (No.13, 27)  
 Mule Lamp (No. 22, 36)  
 Mule lamps (No.12, 8-13)  
 National carbides sales (Bluefield, WV) (No.16, 30)  
 Naylor safety lamps (No.22, 8-9)  
 New Acme lamp examined (No.22, 21-25)  
 New Finds (No.18, 38)  
 New Jersey Zinc Co. (No. 21, 22-23)  
 New surveyor's oil wick (No.15, 41)  
 Newport Mine safety award (No.14, 33)  
 Nickel-plated The Buddy (No. 22, 38)  
 Numbers on carbide lamps (No.17,2 4-25)  
 Oil wick patents (No.14, 2-3)  
 Oil wick shields (No.13, 8-9)  
 Oil wick survey (No.13, 10)  
 Old California cap box (No.10, 17)  
 Olympic safety lamp (No.20, 32-33)  
 P.S. & Co. Oil Wick (No.15,16)  
 Paper bonanza (No.22, 26-29)  
 Patented check tag holder (No.14, 36-37)  
 Patented English clanny lamp (No.19, 30-31)  
 Patented miner's caps & lamp holders (No.16, 5-10)  
 Patented rotating bonnet safety lamp (No.20, 36-37)  
 Peg and ball lamps (No.19, 20-24)  
 Perfect sunshine lamp (No.13, 12-13)  
 Perfection oil wick lamp (No.13,16-17)  
 Permissible explosives (No.10, 29-31)  
 Pewabic Mining Co. (No.23, 34-36)  
 Phoney Lindahl candlesticks (No.24, 38)  
 Pictorial check tag (No. 21, 33)  
 Pioneer brand foods (No.13, 38)  
 Pioneer hand lamp (No.25, 11)  
 Pistol-grip candlestick (No.9, 32)  
 Pocahontas Fuel Company (No.18, 37)  
 Pocket first aid kit (No.22, 34)  
 Pocket mirrors (No.10, 15)  
 Poems (No.19, 39)  
 Post-native copper (No.24, 25)  
 Powder (No.19, 39)  
 Powder co. salesman business card (No.22, 36)  
 Puddling (No.15,15)  
 Queen safety lamps (No.10, 26-28)  
 Rear-end torch (No. 21, 34)  
 Record cards (No.11, 33-34)  
 Results of hand lamp survey (No.10, 18-22)  
 Rhodes/De Beers Co. (No. 24, 30-31)  
 Ribbon (British Miners Union) (No. 22, 36)  
 Ribbon (No.17, 31)



- Ribbon identified (No. 23, 38)  
 Ringrose firedamp alarm (No.16, 17-21)  
 Rolling mill disaster, Part 2 (No. 24, 8-11)  
 Rump oil wick (No. 23, 11)  
 S.E. Simmons (No.10, 2-5)  
 Safe worker pins (No.22, 37)  
 Safety candlestick (No.14, 4)  
 Safety decanter (No. 9, 34)  
 Safety fuse (No.18, 17)  
 Scranton and Scranto cap lamps (No.9, 14-22)  
 Scuttlebut (No.14, 35)  
 Seippel lamps (No.15, 24-28)  
 Service medal (No.10, 38)  
 Several dedicated mining company fuse cutters (No.15, 2-3)  
 Shanklin Mfg. Co. cigarette case (No.12, 38)  
 Singing safety lamps (No.13, 18-21)  
 Snyder oil wick (No.11, 19)  
 Souvenir miniature safety lamp (No.15, 40)  
 Souvenir plate (No. 23, 39)  
 Spanish safety lamp identified (No. 20, 39)  
 Spiralarm safety lamps (No.18, 20-27)  
 Squib tins (No.11, 28-30)  
 Stamps (No.19, 38)  
 Statues (No.9, 24-25)  
 Steel pick jacket (No.20, 27)  
 Sticker from the Clickster (No.16, 38)  
 Stocks (No.19, 38)  
 Storage & use of candles & paraffin wax (No. 21,38)  
 Story book (No. 15, 18)  
 Superior sign ( No.1 4, 9)  
 Surveyor's oil wicks (No. 16, 24-29)  
 Szombathy safety lamp (No. 18, 18-19)  
 T.A. Black oil wick lamp (No. 13, 30-31)  
 Telephone code sign (No. 17, 35)  
 Ten pounder (No. 21, 35)  
 The American cap lamp (No. 13, 34-35)  
 The Bell reflector (No.1 7, 26-27)  
 The Chucktender's lament (poem) (No. 23, 41)  
 The First Justrite? (No.1 2, 36)  
 The Hoppe Brite Lite (No. 14, 32)  
 The Justrite Camp Lamp (No. 20, 39)  
 The Last X-Ray? (No. 12, 36)  
 The Lead show (No.11, 2-4)  
 The Lead show (No.19, 36-37)  
 The MinaLite (No.19, 6)  
 The miner's flame light book (No. 16, 11 -14)  
 The mining collector's bookshelf (No.11, 19)  
 The notorious Acme brothers (No. 22, 32)  
 The puddler revisited (No. 25, 37)  
 The Scranton show (No.19, 34-35)  
 The Tucson show (No. 14, 34)  
 Thomas Hall oil wick (No. 24, 24)  
 Three related cap crimpers (No.21, 14)  
 Tobacco tin-lunch bucket (No. 23, 39)  
 Trappers lamp by Justrite? (No. 24, 12-13)  
 UMWA belt buckle (No. 17, 35)  
 UMWA convention badge (No. 22, 37)  
 UMWA District 8 report (No. 25, 38)  
 UMWA Mug (No.10, 38)  
 UMWA Ribbon (No.10, 39)  
 Uncommon Grier Bros. oil wicks (No. 18, 10-12)  
 Union Carbide advertising brochure (No.19, 33)  
 Union Pacific Coal Co. (No.14, 20-23)  
 Unusual carbide lamp (No.16, 37)  
 Unusual letter opener (No.11, 35)  
 Unusual railroad ticket (No. 23, 40)  
 Vacuum Oil Co. (No. 14, 10-11)  
 Vented oil wick lamps (No. 21, 4-7)  
 Victor-Acme-Pathfinder cap lamp series (No.12, 29-35)  
 Victoria Copper Mining Co. (No. 22, 2-3)  
 W.B. Bertels oil wicks (No.10, 6-9)  
 Water light (No. 17, 32)  
 Weird item (No. 21, 35)  
 Werner's collection (No. 24, 14-19)  
 West Virginia catalog (No. 16, 37)  
 WFM awards (No.19, 7)  
 What are scatter tags? (No. 21, 27)  
 What's the rest of the name? (No.15, 40)  
 Who am I? (Larimer cap lamp) (No. 24, 39)  
 Wick bags (No. 15, 39)  
 William Connell, Senator & Lampmaker (No. 13, 6-7)  
 William Maurice (No. 22, 6-7)  
 With or without brace? (Elkhorn) (No. 25, 39)  
 Wolf warning lamp (No.17, 28-29)  
 Wood-handled candlesticks (No.1 7, 22)  
 World's Fair lamp (No.10, 32)  
 Wrong patent oil wick (No. 23, 37)  
 Yellow Jacket mine disaster (No.18, 13-16)  
 Zicha oil wick (No. 18,9)



## Authors

- Allen, Gary (No. 24, 36)  
Altenbach, Scott (No. 24, 2-7)  
Appleton, Peter (No. 14, 24-30; No. 16, 17-21; No. 18, 20-27; No. 20, 9-11)  
Bailey, Harold Jr. (No. 11, 33-34; No. 15, 2-3)  
Blake, Bill (No. 15, 41)  
Blyth, Don; No. 12, 25-28; No. 13, 28-29)  
Brady, Scott (No. 17, 32)  
Chapman, Jim (No. 19, 16-19; No. 20, 34-35)  
Click, Larry (No. 21, 27; No. 22, 4-5, 32, 38; No. 24, 35; No. 25, 11)  
Corbridge, Mick (No. 19, 9; No. 20, 7-8; No. 22, 33; No. 25, 6-9)  
Crowell, Douglas (No. 17, 33)  
Des Marais, Dave (No. 9, 14-22; No. 10, 18-22; No. 12, 29-35; No. 22, 21-25)  
Edenborn, Hank (No. 18, 18-19)  
Editors (No. 9, 27; No. 16, 11-14)  
Ellison, Milton (No. 14, 14-15)  
English, Deric (No. 10, 17; No. 12, 14-15; No. 22, 28-29)  
Foster, John (No. 24, 12-13)  
Gaska, Len (No. 10, 39; No. 11, 5; No. 13, 38; No. 18, 39; No. 22, 35)  
Gresko, Dave (No. 18, 7)  
Guthrie, Robert (No. 10, 23-25; No. 13, 2-5, 6-7; No. 19, 36-37; No. 20, 28-31)  
Hileman, Sindy (No. 13, 6-7)  
Horning, Werner (No. 17, 28-29; No. 18, 28-35; No. 20, 12-20; No. 21, 30-31; No. 22, 6-7; No. 24, 14-19)  
Hyatt, Paul and Nancy (No. 12, 24)  
Johnson, Dave (No. 9, 23, 26; No. 10, 6-9, 15, No. 11, 6-9, 10, 18, 19, 31-32; No. 12, 7, 16-19; No. 13, 8-9, 10, 12-13, 14-15, 16-17, 26, 27, 30-31; No. 14, 2-3, 4, 8, 10-11, 33, 36-37; No. 15, 10-11, 12-14, 15, 16, 17; No. 16, 5-9, 10, 24-29, 31; No. 17, 2-9, 33, 35-37; No. 18, 9, 10-12, 13-16, 37; No. 19, 2-5, 6, 7; No. 20, 21, 23, 27; No. 21, 2, 3, 4-7, 8-9, 22-23, 28-29, 33, 37; No. 22, 2-3, 10-11, 12-14, 36-37; No. 23, 11, 23, 32-33, 34-36, 37, 39-41; No. 24, 20-21, 24; No. 24, 26-28, 30-31, 32-34, 38; No. 25, 37-38)  
Kouts, Paul (No. 21, 32; No. 25, 10)  
Kovach, Charles (No. 20, 2-6)  
Kynor, John (No. 25, 12-19)  
Lackey, Jim (No. 21, 36)  
Lindberg, Stephen (No. 21, 10-12; No. 24, 8-11)  
Living, Graham (No. 22, 34; No. 25, 12-19)  
Lorah, Bill (No. 21, 22-23)  
Martin, Andy (No. 10, 17, 33-35; No. 14, 6-7; No. 19, 8-9; No. 20, 22-23; No. 22, 30-31; No. 25, 20-21)  
McLaughlin, Mike (No. 10, 3; No. 14, 12-13, 35; No. 16, 10)  
Mitchell, J. Roger (No. 10, 26-28; No. 11, 19; No. 12, 8-13; No. 15, 39; No. 17, 31; No. 18, 38; No. 20, 32-33)  
Moon, Tony (No. 21, 37)  
Morrison, Ray (No. 15, 39)  
Patee, Reg (No. 21, 14)  
Purson, Jack (No. 25, 12-19)  
Quamen, Al (No. 24, 39; No. 25, 41)  
Radford, Larry (No. 10, 36-37; No. 12, 22-23)  
Ressler, Nelson (No. 9, 30-31)  
Ross, Brad (No. 11, 2-4; No. 16, 32-35)  
Rush, Steve (No. 21, 19-20; No. 23, 21-22)  
Showengerdt, George (No. 25, 10)  
Schroth, Bob (No. 9, 28-29, 32; No. 13, 32-33; No. 13, 38; No. 14, 5; No. 14, 16-19; No. 15, 32-33, 41; No. 16, 30; No. 17, 23, 34; No. 18, 17; No. 19, 13, 14-15; No. 21, 13, 24-26, 35, 36; No. 22, 15, 26-29, 36; No. 23, 12-18, 38)  
Scott, Ruby; No. 15, 29-31)  
Sears, Dick (No. 18, 39; No. 24, 29)  
Stolburg, Craig (No. 11, 25-27)  
Stranko, Tom (No. 25, 35; No. 25, 36)  
Stutzer, Manfred (No. 9, 24-25; No. 10, 10-14; No. 11, 11; No. 12, 20-21; No. 13, 18-21, 22-23; No. 14, 24-30; No. 15, 24-28, 37-38; No. 16, 17-21; No. 17, 10-20; No. 18, 2-5, 20-27; No. 19, 20-24, 27-29, 30-31; No. 20, 9-11, 24-26, 36-37; No. 22, 8-9; No. 23, 24-31; No. 25, 22-34)  
Thomas, Charles (No. 23, 41)  
Thorpe, Dave (No. 9, 2-13, 16; No. 12, 2-6, 32-33, 34-35; No. 14, 9; No. 16, 2-4; No. 17, 24-25, 26-27; No. 18, 2-5, 36, 40; No.



19, 10-12; No.21,16-18, 21; No.23, 2-10; No.23, 19, 20; No.24, 22-23; No. 25, 2-5)  
Town, Tim (No.24, 36)  
Town, Todd (No.17, 21; No.18, 6, 8; No.19, 33;No. 21, 15; No.22, 16-20; No. 24, 25)  
Twitty, Eric (No.10, 29-31; No.13, 11; No.13, 24-25; No.15, 4-6, 7-9)  
Van Fleet, Jim (No.11, 20-24, 28-30;

No.15,18,19-23, 34-36; No.16, 15-16, 22-23; No.19, 25-26, 34-35)  
Werner, Bob (No.14, 20-23, 34)  
Williams, Keith (No.14, 34)  
Winters, Al (No. 24, 42)  
Youngs, Rob (No.25, 2-5)  
Zink, Phillip (No.10, 32)

---

## Blasting Cap Tins



Aetna-Grasselli (No.21, 24-26)  
Aluminium-Bleiazid (No.20, 22)  
Atlantic Dynamite Co., Triple (No.14, 7)  
Blasting Caps,100 No.6(No.14, 7)  
Braun & Bloem (No.10, 34)  
California Cap No. 6 (No.10, 35)  
Canadian (No.12, 25-28)  
Canadian Explosives (No.20, 22)  
Cap tin bonanza (No.22, 30-31)

Cap tin updates (No.10, 33-35;No.14, 6-7; No.19,8-9; No.25, 20-21)  
CIL, No.8(No.10, 33)  
Climax Powder Mfg. Co. (No.25, 20-21)  
Davey Bickford Smith & Cie, No.8 (No.14, 7)  
Dominion Cartridge Co. (No.25, 20-21)  
DuPont (No.20, 22;No.10, 35)  
French Munitions No.8(No.10, 34)  
French Munitions, No.7(No.19, 9)  
German Detonator (No.19, 8)  
Giant Powder Co., No.8(No.19, 8)  
Giant Powder No.6(No.10, 35)  
Grasselli (No.20, 22)  
Halafax No.8(No.25, 20-21)  
Hecla Powder Co., Quadruple (No.14, 7)  
Hercules (No.17, 31)  
Hercules No.8 (No.25, 20-21; No.14, 7)  
Imperial Chemical No.8 (No.10, 34)  
McAbee (No. 20, 22)  
Montecatini, Orbetello, No.10 (No.19, 9)  
Nobel (No. 20, 22)  
Quintuple Blasting Caps (No.10, 33)  
RepauNo Chemical Co. (No.10, 33)  
The Aetna Powder Co. (No.14, 7)  
Trojan No.7 (No.25, 20-21)  
Union Explosives Co. No.8(No.25, 20-21)



## Book reviews

Between heaven and hell (No.20, 23)

Early Coal Mining in Pocahontas, Virginia  
(No.14, 35)

Hard Rock Miners The Intermountain West  
1860-1920 (No.10, 39)

History of the coal-mining industry of Ohio  
(No.17, 33)

Most Spendid of Men Life in a Mining Com  
munity 1917-25 (No.14, 36)

This was mining in the West (No.17, 34)  
Books, listing (No.11, 20-24)

Mining Town, Coeur d'Alenes (No.17, 33)

---

## Candleholders

Blacksmith (No. 9, 26)

Brass (No. 21, 21)

Comstock style (No.9, 26)

Fancy western (No.22, 12-14)

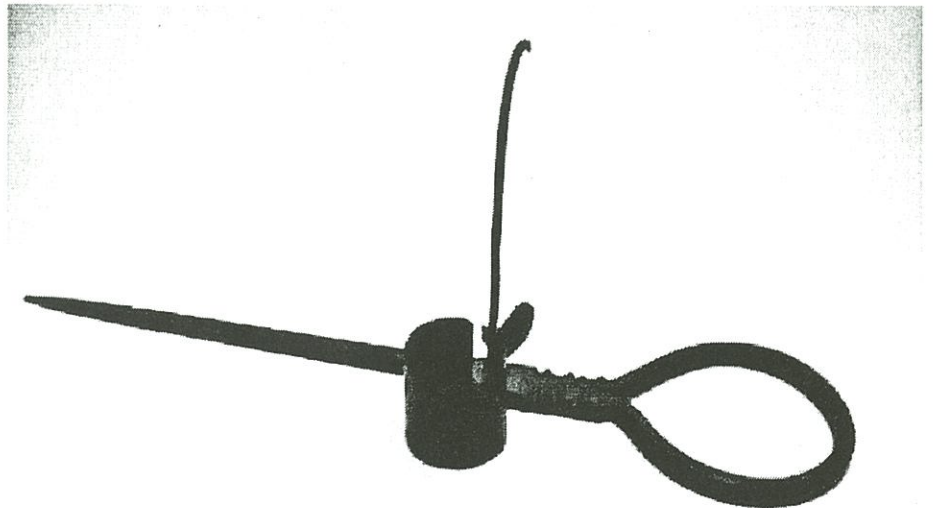
History (No.15, 29-31)

Lindahl, phoney (No.24, 38)

Muenger Safety (No. 14 ,4)

Pistol grip (No.9, 32)

Wood handle (No. 17, 22)



## Carbide Lamps



Abercrombie & Fitch (No. 9, 35)

Acme (No. 9, 27; No.12, 29-35; No.22, 21-  
25; No. Z2, 32)

Allen-Liversidge (No.20, 9-11)

Aluminum hand lamps (No.18, 36)

Aluminum, English (No.20, 7-11)

American, The (No.13, 34-35)

Anthracite (No.16, 2-4)

Anton Square Light (No. 24, 35)

Arrow (No.23, 2-10)

Autolite (No. 25, 2-5)

Baldwin ore car (No.12, 24)

Baldwin reflectors (No. 21, 36)

Bloch-lock, handlamp (No.18, 2-5)

Bottom light lamps (No.23, 24-31)

Brite Lite (No.23, 2-10)



Brite Lite, Hoppe (No.14, 32)  
 Buddy (No.23 ,2-10)  
 Butterfly (No.14, 5)  
 Butterfly generator (No.19, 40)  
 C.S. Milne (No. 20, 8)  
 Carbic hand lamps (No.22, 33)  
 Crown pit lamp (No.19, 40)  
 Defender (No.23, 2- 10)  
 Demon Strike Light (No.22, 35)  
 Elkhorn (No.23, 2-10; No.25, 39)  
 Fireman's searchlight (No.18, 39)  
 Folding handle cap lamps (No.23, 23)  
 Frieman & Wolf (No.11, 11 -17; No. 22, 24-31)  
 Frieman & Wolf, Bloch-lock (No.18, 2-5)  
 Gee Bee (No.23, 2-10)  
 Grier (No.17, 24-25; No.18, 40; No.22, 2-10)  
 Guys Dropper (No.9, 2-13; No.17, 26-27; No.22, 2-10)  
 Hand lamp survey (No.10, 18-22)  
 Hanging lamps (No. 20, 38)  
 Hunter's Special (No. 23, 20; No. 24, 12-13)  
 Imperial (No.17, 30)  
 ITP cap lamp (No.23, 23)  
 ITP hooded reflector (No.18, 8)  
 ITP ore car lamps (No.17, 21)  
 J.B. Williams Co. (No.18, 38)  
 Justrite Camp Lamp (No. 20, 39)  
 Justrite early bases (No. 21, 37)  
 Justrite Hunter's Special (No. 23, 20; No. 24, 12-13)  
 Justrite, Horiz. cap lamp (No.12, 2-6; No.12, 36; No.22, 2-10)  
 Justrite, safety award (No.19, 4)  
 Larimore patent (No.24, 39; No. 25, 41)  
 Loop-hook square lamp (No.14, 12-13)  
 Luminum (No. 23, 2-10)  
 Luminum scraper (No.24, 36)  
 Maple City (No.16, 2-4; No. 22, 38)  
 Maumee Duplex (No.21, 32)  
 Minalite (No.19, 6)  
 Norleigh Diamond (No.16, 2-4; No. 21, 32)  
 Numbers, strange (No.17, 24-25)  
 Pathfinder (No.12, 29-35; No.22, 21-25)  
 Pioneer (No.23, 23; No.25, 11)  
 Red Star (No.16, 2-4)  
 Reflector, Bell (No.17, 26-27)  
 S.E. Simmons (No.9, 3-5)  
 Salem Tool Co.? (No.17, 30)  
 Scoby (No. 23, 2-10)  
 Scranto (No.9, 14-22)  
 Scranton (No.9, 14-22; No.17, 24-25)  
 Shanklin Metal Products (No. 22, 2-10)  
 Simmons, intermediate (No. 21,16-18)  
 Snell (No.25, 1)  
 Spiralarm (No.18, 20-27)  
 Springfield (No.22, 2-10)  
 Sun Ray (No.23, 23)  
 Thailand belt generators (No. 21, 35)  
 The Buddy, nickel (No.22, 38)  
 Thorn & Hoddle (No.19, 9; No.20, 7-8)  
 Tips for evaluating (No.23, 2-10)  
 Unusual (No.16, 37)  
 Victor (No.12, 29-35; No.17, 24-25; No. 22, 21-25; No.22,2-10)  
 Water light (No.17, 32)  
 Western Special, black (No.16, 36)  
 What Cheer (No.14, 35; No.22, 4-5)  
 Wilhelm Seippel (No.15, 24)  
 Winchester (No.14, 35)  
 Wolf Acetylene Candle No. 88 (No.25, 7)  
 Wolf aluminum hand (No.18, 36)  
 Wolf cap lamps (No 25, 8-9)  
 Wolf Hunter's and Trapper's lamps (No. 25, 7)  
 Wolf, early U.S. (No. 23, 32-33)  
 Wolf-Fleissner singing safety lamps (No.13, 18-23)  
 Wooden folk art lamp (No.23, 41)  
 X-Ray (No.12, 36; No.17, 30; No. 22, 20; No.24, 12-13)



## Explosives



Aetna Explosives Co. (No.21, 24-26)  
Aetna Powder Co. (No. 21, 24-26)  
Blasting machines (No.23, 12-18)

Box, Dynamite, evaluating (No. 24, 22-23)  
Box, mystery (No.10, 17)  
Boxes, Columbia Powder Co. (No.15, 4-9)  
Boxes, Illinois Powder Mfg. Co. (No.13, 24-25)  
Cap and fuse blasting (No.9, 28-29)  
Crimpers (No.21, 14)  
Drilling, hand (No. 24, 2-7)  
Fuse cutters (No.15, 2-3)  
Fuse, safety (No.18, 17)  
Gold Medal Explos. business card (No. 22, 36)  
Halifax Explosives Co. (No.13, 11)  
Handbooks, Blasters' (No.25, 12-19)  
Hardsocg powder flask (No.12, 37)  
Mine-lte (Grasselli) (No. 25, 10)  
Permissible explosives (No.10, 31)  
Powder advertisements (No.19, 39)  
Rheostat, Blasters' (No. 11, 25-27)  
Slitter, Cordeau (No. 21,13)  
Squib tins (No.11, 28-30)  
Tools, blasting (No.15, 10-11)

---

## Flasks, carbide & oil

Baldwin carbide (No. 21, 36)  
Chas. Hall & Co. oil (No.14, 14-15)  
L.B. Pritchard oil (No.12, 37)  
Miner's oil flask (No. 9, 23)  
National Carbide (No.16, 30)  
Safety lamp decanter (No. 9, 34)  
Shawnigan 101b (No.21, 35)

## Manufacturers & Mining Co.

Aetna Explosives Co. (No.21, 24-26)  
Aetna Powder Co. (No. 21, 24-26)  
Columbia Powder Co. (No.15, 4-9)  
Consolidation Coal Co. (No.24, 32-34)  
De Beers Consol. Mines Co. (No.24, 30-31)  
Frieman & Wolf (No.10, 10-14)  
Frieman & Wolf (No.11, 11-17)  
Hailey-Ola Oil Co. (No.24, 29)  
Halifax Explosives Co. (No.13, 11)  
Hockensmith & Wagoner (No.18, 37)  
Howells Mining Drill Co. (No.19, 16-19)  
Illinois Powder Mfg. Co. (No.13, 24-25)  
Logan-Gregg Co. (No.15, 12-14)  
Lorain Coal & Dock Co. (No. 20, 38)

New Jersey Zinc. Co. (No. 21, 22-23)  
Pewabic Mining Co. (No.23, 34-36)  
Pocahontas Fuel Co. (No.18, 37)  
Union Pacific Coal Co. (No.14, 20-23)  
Victor Copper Mining Co. (No. 22, 2-3)  
Wilhelm Seippel (No.15, 24)

## Miscellaneous

Alarm, firedamp (No.16, 17-21)  
Artist, Charles S. Kovach (No.20, 2-6)  
Ashtrays, French (No.17, 36)  
Award, safety (No.14, 33; No.18, 2-5)  
Badge, Clay Miners' (No.25, 37)  
Badge, Coal & Iron police (No. 21, 8-9; No. 22, 37)  
Badge, Handlers (No. 25,3)  
Badge, UMWA convention (No. 22, 37)  
Badges, Elk's Lodge (No. 20, 28-31)  
Belt buckle, UMWA (No.17, 35)  
Bird Cage (No. 9,34; No.18, 39)  
Blotter, mining-related (No.11, 36)  
Book, childrens' (No.15, 18)  
Books, listing (No.11, 20-24)  
Brochure, Union Carbide (No.19, 33)  
Bucket, tobacco tin lunch (No. 23, 39)



Business card, Gold Medal Explos. (No. 22, 36)  
 Can, WWI condiment (No. 9, 33)  
 Cans, food (No.13,38)  
 Cap, Beall Bros. (No.18, 6)  
 Caps (No.16,5-9; No. 24, 35)  
 Car, mine (No.21,34) Car, ore (No.18,38)  
 Catalog, Baldwin Chandlee Supply (No.16, 37)  
 Catalogs, mine supply (No.13,36-37)  
 Check tag holder (No.14, 36-37)  
 Cigarette lighters (No.24, 26-28)  
 Coal, California (No.20,34-35)  
 Coin, German miner's (No.17, 36)  
 Coins (No.13,22-23)  
 Collection, W. Horning (No. 24,14-19)  
 Copper, native (No.24, 25)  
 Decanter, safety lamp (No. 9, 34)  
 Delamar Mining Co. reports (No.12, 22-23)  
 Dinner pail lanterns (No.12,16-19; No.18, 7)  
 Disaster, Avondale Mine fire (No.19,25-26)  
 Disaster, MoNongah Mines (No.16,22-23)  
 Disaster, Rolling Hill Mine (No. 21,10-12; No.24,8-11)  
 Disaster, Yellow Jacket Mine (No.18,13-16)  
 Drilling, hand (No.24,2-7)  
 Exploring, underground (No.14,16-19; No.19, 10-12,14-15; No.23, 21 -22)  
 First aid kit (No. 22,34)  
 Fob (No.9,33; No.14,33)  
 Fob, WFM (No.19, 7)  
 Games, mining-related (No.15,19-23)  
 Gluck Auf (No.14, 34)  
 Hardhat, animal (No.13, 27)  
 History: G. Phillips murder (No. 22,16-20)  
 Hoist house (No.10,16)  
 Ingot, Pewabic (NO.23,34-36)  
 Ingots, NJ Zinc (No. 21, 22-23)  
 Internet (No. 13,38)  
 Labor events, mining (No. 21,28-29)  
 Lamp Frenzy (Deem collection) (No. 16,15-16)  
 Lamp holders (No. 16,5-9,10)  
 Lamps, electric (No. 22,28-31)  
 Letter holders (No. 21,3)  
 Letter openers (No.11, 35; No. 17,23; No. 25,39)  
 Letterhead, early Justrite (No.11, 36-37)  
 Loretto Mine Club (No.11, 31-32)  
 Match holder, Aurora Mine, MI (No. 21,37)  
 Match safe, Hercules (No. 23,40)  
 Matchbooks (No. 15,32-33; No. 16,39-40)  
 Medal, AIME (No. 17,37)  
 Medal, CO School of Mines (No. 17,37)  
 Medal, USBM dedication (No. 23,40)  
 Medals (No.10, 38; No. 13,22-23)  
 Miner's Nystagmus (No.10, 23-25)  
 Mirrors, advertising pocket (No.10, 15)  
 Mug, UMWA (No.10, 38)  
 Museum, German (No. 17,10-20)  
 Museum, KY State Coal Mining (No 15,17)  
 Ore cars, German mine museum (No. 17,19)  
 Paper clip (No. 17,37)  
 Paper discovery (No. 22,26-29)  
 Paperweights (No. 18,37; No. 25,38)  
 Pass, Ellsworth Coal Co. (No. 21,33)  
 Pick, CPIC...? (No. 24,36)  
 Pick, Howells (No.19, 18)  
 Pick, J. Sparks Jacket for (No. 20X27)  
 Pins, safe worker (No. 22,37)  
 Plate, Calumet & Hecla (No. 23,39)  
 Poem (No.19, 39)  
 Poem, C.F. Thomas (No. 23,41)  
 Printing blocks (No.16,10)  
 Record cards: N. Butte Mining Co. (No.11, 33-34)  
 Report, UMWA (No. 25,38)  
 Rescue, CO mine (No. 21,19-20)  
 Ribbon, Bisbee, AZ (No. 22,15)  
 Ribbon, British miners' union (NO.22,36)  
 Ribbon, Croatian (No.23,38)  
 Ribbon, UMWA (No.1, p 39)  
 Sign, blue porcelain (NO.21,36)  
 Sign, candles and wax storage (No.21s38)  
 Sign, Superior (No.14w9)  
 Sign, telephone code (No.17R35)  
 Stamps, postage (No.19,38)  
 Statues (No.9,24-25; No.13, 36; No. 14,33; No.17,20)  
 Sticker, JOY (No.16,38;NO.18,40)  
 Stock: Bunker Hill Mine (No.10,36-37)  
 Stocks, Glen Alden Coal (No.19,38)  
 Tag, check New Castle (No. 21,33)  
 Tags, accident (No. 15,41)  
 Tags, check, NZ Zinc (No. 21,22-23)  
 Tags, Coal I.D. (No. 22,10-11)  
 Tags, scatter (No. Z1, 27)  
 Ticket, railroad miner car (No. 23,40)



Token, Anaconda (No. 14,32)  
Torch, ore car (No. 21,34)  
Trade, The (No.19, 13)  
Trucks (No. 21,15)  
Union, Lead City Miners' (No.11, 5)

## Names

Cecil Rhodes (No. 24,30-31)  
Charles S. Kovach (No. 20,2-6)  
George Edward Anderson (No. 12,14-15)  
John Hayes Hammond (No.10, 36-37)  
Lester Bernstein (No. 13,26)  
William Connell (No. 13,6-7)  
William Maurice (No. 22,6-7)

## Oil Wick Lamps

AHJ, barrel & chimney (No. 20,21)  
Blende, English Midgy (No. 20,24-26)  
Bottom light lamps (No. 23,24-31)  
C. George (No. 17,2-9)  
Cast iron (No. 14,24-30)  
Coal Mine, St. Louis (No.10, 32)  
Crown (No. 16,24-29; No. 17,2-9; No. 21,4-7)  
D.D. Williams (No. 16,24-29)  
Dinner pail lanterns (No. 12,16-19)  
Dunlap (No.11, 6-9)  
E.K. Rollins (No. 13,2-5)  
F. Johnson Frostburg (No. 21, 2)  
Fancy oil wicks (No.11, 10)  
Felix (No.21, 4-7)  
Fred B. Zais Frostburg (No. 21, 2)  
Grier (No.13, 8-9; No.18, 10-12)  
Hack-Sanner Hardware Co. (No.24, 20-21)  
Hardsocg (No.13, 8-9)  
Hazelton Machinery & Supply Co. (No.16,31)  
Hydraulic mine lamp (No.11, 18)  
J. Parfet (No.21, 7)  
J.R. Watts (No.13, 16-17)  
John Williams, leakproof (No.12, 7)  
Little Gem (No.23, 19)  
Logan-Gregg Co. (No.15, 12-14)  
M & O (No.21, 4-7)  
McMasters (No.13, 14-15)  
Mule lamp (No.22, 36)  
Mule lamps (No.12, 8-13)  
Museum, German (No.17, 10-20)  
Oil wicks, German mine museum (No.17, 10-20)  
Oilwick survey (No.13, 10)  
Ore car, lamps (No.17, 21)  
P.S. Co. (No.15, 16)



Patent, nonexistent (No. 23, 37)  
Patented shield (No.13, 8-9)  
Patents (No.14, 2-3; No.15, 39)  
Peg and Ball (No.19, 20-24)  
Perfect sunshine (No.13, 12-13)  
Plummet lamp, K.&E. (No.18, 38)  
Seybold patent (No.19, 32)  
Snyder (No.11, 19)  
Statues, museum (No.17, 10-20)  
Surveyor's (No.16, 24-29)  
T.A. Black (No.13, 30-31)  
T.B. Bickerton Surveyors (No.15, 41)  
The \_e Valve Co. (No.15, 40)  
Thomas Hall (No.24, 24)  
Thos. R. Tasker (No.21, 4-7)  
Trethaway (No.16, 24-29; No. 21, 4-7)  
Tunneson (No.17, 2-9)  
Vacuum (No.14, 10-11)  
Venting devices (No.21, 4-7)  
W. B. Bertels (No.10, 6-9; (No.11, 19)



Wick bags (No.15, 39)  
William J. Rump (No. 22, 11)  
Winfield patent (No.19, 32)  
Wolf (No.23, 32-33)  
Zicha Mechanical (No.18, 9)

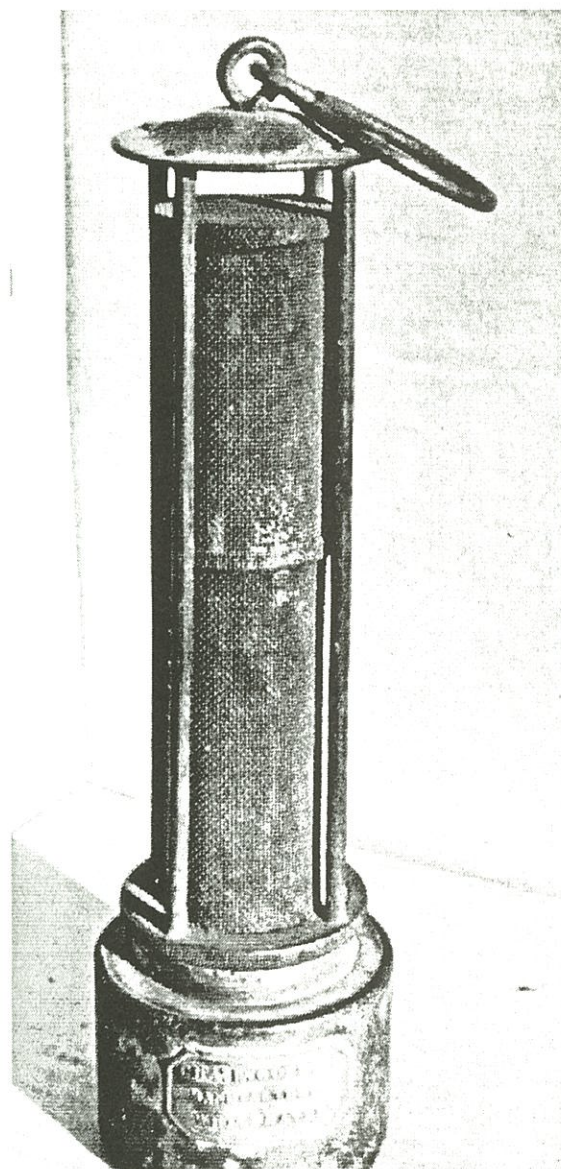
## Reunions

Black Hills (Lead, SD) Meet (No.11, 2-4)  
Christman's 1995 (No.14,31)  
Eastern (No.15,34-36; No.19,34-35)  
European (Germany) (No.12,20-21;  
No.15,37-38; No.19,27-29)  
Lead, SD (No.16,32-35; No.19,36-37)  
Tucson 1995 (No.14,34)

---

## Safety Lamps

Adara Spanish lamp (No. 20, 39)  
Arras (No. 20, 19)  
Bottom Light Lamps (No. 22, 24-31)  
CEAG (No. 20, 15)  
Chas D. Gordon (No. 25, 36)  
Combustion Tube Lamps (No.25, 22-34)  
Cornil (No. 20, 18)  
Dominit (No.20, 12)  
E. Thomas & Williams (No. 25, 22-23)  
European (No.18, 28-35; No. 20, 12-20 )  
Everhart Brass Works (No. 25, 35)  
Frieman & Wolf (No.10, 10-14; No.17, 28-29;  
No.20, 13-14; No. 21, 30-31)  
Gas detection, high places (No.21, 30-31)  
Hailwood & Ackroyd (No. 25, 27-29)  
Hailwood-Ackroyd-Best (No.25, 25-26)  
James W. Queen (No.10, 26-28)  
John Davis & Son (No. 25, 32-33)  
Koch (No. 20, 16)  
Kubala (No. 20, 20)  
Miniature (No. 9, 30-31)  
Museum, German (No.17, 10-20)  
Naylor (No. 22, 8-9; No. 25, 30)  
Olympic (No. 20, 32-33)  
Patterson (No. 25, 31)  
Polish, FriWo design (No. 20, 20)  
Premier (No. 20, 19)  
Protector Lamp & Lighting Co. (No. 25, 24)  
Reproduction (No.18, 38)  
Rotatable bonnet (No. 20, 36-37)  
Safety lamp decanter (No. 9, 34)  
Souvenir Miniature (No.15, 40)  
Spiralarm (No.18, 20-27)  
Szombathy (No.18, 18-19)  
W. E. Teale (No. 25, 34)



Warning, Frieman & Wolf (No.17, 28-29)  
Wilhelm Seippel (No.15, 24; No. 20, 17)  
Wolf-Fleissner Singing (No.13,18-23)  
Yates Clanny Patent (No.19, 30-31)



