

## UNION LABELS AND CARDS

There are now 56 labels and 10 cards issued by the following organizations, which have been indorsed by the American Federation of Labor:

### Organizations Using Labels.

American Federation of Labor.	Machine Printers and Color Mixers.
Bakers and Confectioners.	Machinists.
Boilermakers.	Metal Polishers.
Blacksmiths.	Metal Workers, Sheet.
Boot and Shoe Workers.	Molders.
Brewery Workers.	Painters.
Brickmakers.	Paper Box Makers.
Broommakers.	Paper Makers.
Brushmakers.	Piano and Organ Workers.
Carriage and Wagon Workers.	Plate Printers.
Carvers, Wood.	Powder Workers.
Cigarmakers.	Pressmen, Printing.
Cloth Hat and Cap Makers.	Print Cutters.
Coopers.	Rubber Workers.
Engravers, Watch Case.	Sawsmiths.
Flour and Cereal Mill Employees.	Shirt, Waist and Laundry Workers.
Fur Workers.	Stove Mounters.
Garment Workers, United.	Tailors.
Garment Workers, Lady.	Textile Workers.
Glass Bottle Blowers.	Tip Printers.
Glass Workers.	Tobacco Workers.
Glove Workers.	Travelers' Goods and Leather Novelty Workers.
Gold Beaters.	Typographical.
Hatters.	Upholsters.
Horseshoers.	Weavers, Goring.
Jewelry Workers.	Weavers, Wire.
Lathers.	Wood Workers.
Leather Workers on Horse Goods.	Leather Workers.

### ORGANIZATIONS USING CARDS.

Actors.	Meat Cutters and Butcher Workmen.
Barbers.	Musicians.
Clerks.	Musicians.
Engineers, Steam.	Stage Employees, Theatrical.
Firemen, Stationary.	Teamsters.
Hotel and Restaurant Employees.	

The following crafts and callings are using the American Federation of Labor label: Artificial Limb Makers, Costumers, Badge and Lodge Paraphernalia Workers, Bottlers (Soda, Mineral Water and Liquor), Coffee, Spice and Baking Powder Workers, Cloth Spongers and Refinishers, Carbonic Gas Workers, Cigar Makers' Tools, Nail (Horse Shoe) Workers, Neckwear Cutters and Makers, Oyster Workers, Paint Workers, Photographic Supply Workers, Soap Workers, Soda and Mineral Water Workers, Starch Workers, Suspender Makers, Steel Case Makers.

## GREEN GABLES

The Dr. Benj. F. Bailey Sanatorium  
Lincoln, Nebraska

For non-contagious chronic diseases. Largest, best equipped, most beautifully furnished.

## PREWITT'S PHOTO GALLERY

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When you want a good photograph call and see my work. Satisfaction guaranteed . . .

We are expert cleaners, dyers and finishers of Ladies' and Gentlemen's Clothing of all kinds. The finest dresses a specialty.

### THE NEW FIRM

J. C. WOOD & CO.

Ask for PRICELIST.

PHONES: Bell, 147. Auto, 1292.  
1320 N St. - - Lincoln, Neb.

Your Cigars Should Bear This Label..



It is insurance against sweat shop and tenement goods, and against disease. . .

## Three Good Rules to Follow

First When Traveling between Omaha and Chicago, use The Overland Limited leaving at 8:35 p. m. from Union Station.  
Second. If you cannot use The Overland Limited, use The Eastern Express leaving at 5:45 p. m.  
Third. If you cannot use either of the above, take The Chicago Express leaving at 7:55 a. m.  
In these three trains the

### Chicago, Milwaukee & St. Paul Railway

offers an excellence in service between Omaha and Chicago not obtainable elsewhere. All trains arrive in Union Station in the heart of Chicago. All trains are protected by block signals and run over a smooth track all the way.

Low Rates to Many Eastern Points

F. A. NASH, General Western Agent. 1524 Farnam Street, OMAHA.



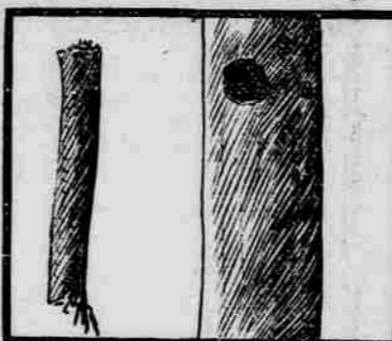
### LIGHTNING'S FREAK.

Curious Accident to Water Pipe During Thunderstorm.

As a matter of interest and instructive value to your many readers, I am reporting an unusual and significant incident that occurred at the branch office of the Scientific American at Washington, D. C., during a thunderstorm on the 11th day of July, 1906, writes a correspondent of that journal.

During the progress of the storm, lightning struck the electric wires that supply the office with light and power. The fuses of the various lights and fans were instantly burned out, and simultaneously therewith a torrent of water poured from the floor of the building where the wires entered, evidently flowing from the water pipe supplying the various radiators of the water-heating system which, as is usual, had not been cut off for the summer months, since it is not generally considered necessary or even desirable to do so.

Careful inspection disclosed the fact that the electric wiring was close enough to the water circulation pipe to permit electricity of high voltage to jump to the fine ground connection which the water pipe afforded, and in doing so it burned a hole fully



Hole Burned in a Water Pipe By Lightning.

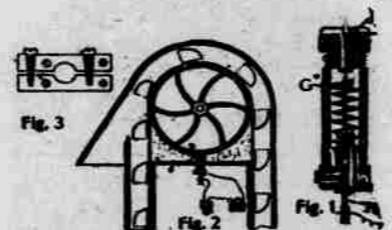
three-eighths of an inch in the water pipe, with the result above noted. I am inclosing you a section of the pipe showing the holes of which there are two, a large and a small one, and also a piece of the wire. The torrent of water which immediately followed the discharge shows that the larger hole was the result of the discharge. The smaller one may have been produced by a ground during the removal of the pipe, as the water-heating engineer states that a flash occurred as the pipe was unscrewed preparatory to removing it, he having undertaken the work without opening the electric switch.

The lesson which the incident teaches is, first, the value of adequate lightning arresters; and second, the importance of keeping all electric wiring away from water and gas pipes. The electric wires were properly insulated, and carried by porcelain sleeves through the wooden joists of the building, but the lightning's voltage was heavy enough and the ground connection so good as to make the jump possible. If the pipe had been a gas instead of a water pipe, needless to say a fire would have occurred, which would have been difficult to control in daytime, and disastrous at night.

### WARNS OF FIRE.

Ingenious Fire Alarm Device for Grain Elevators.

A choke in the elevator head which stops the belt while the head pulley keeps revolving is frequently the cause of fires in grain elevators, says the Grain Dealers' Journal. The pulley rubbing against the belt soon generates sufficient heat to start a blaze. An alarm to warn the operator when the elevator head is becoming overheated has been devised. A round hole is bored in the middle of the strut board for the insertion of the device, which consists of a metal plug, shown in Fig. 1. The upper stopper of the plug fits loosely and rests against the pulley. The lower electrode, H, is



Alarm for Grain Elevator Head. firmly set while the upper electrode, G, is drawn up by a cord, J, held in place by wax. Overheating of the alarm melts the wax, releases the cord, permitting the coil spring to draw the upper electrode down into contact with the electrode, H. The closing of the circuit rings a bell placed in any convenient location. Fig. 2 shows the head with alarm in place, and Fig. 3 a clamp for holding the device in position.

### Chicken Gold Mine.

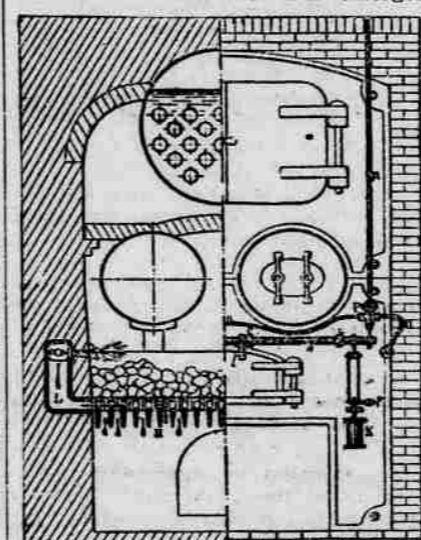
Mrs. Spencer Morris, of Atlantic Highlands, N. J., was dressing a chicken one day last week, when she discovered that it had been of a miserly disposition and had been hoarding up gold in its crop. There were three small pieces of gold there, the largest resembling a tooth. Mrs. Morris, in buying the chicken, did not pay for it by troy weight.

### AN ELECTRIC BLEACHER.

Apparatus by Which Flour is Whitenec as It Passes Through Chamber.

A form of apparatus for whitening flour by means of products of the electric discharge is described in Electrochemical and Metallurgical Industry. Says the writer:

"A current of air is passed through a chamber containing a long, high-voltage continuous current arc, and this air is then used for treating flour in an agitator. The result of this treatment is that the flour emerges



Apparatus for Passing Discharge Through Air for Bleaching Flour.

"As to the rationale of this process from the agitator with a considerably whiter color."

With the largest size, about 30 sacks of flour can be treated per hour. In the type of machine shown in the illustration a double-acting pump draws air through a chamber in which there is an electric arc. As the air flows through, the upper electrode rises, gradually lengthening the arc until it goes out, when the operation is repeated. The bleaching action is thus explained:

It is to be remarked that in this case are discharges are employed so that probably compounds of nitrogen and oxygen are formed in the air and the bleaching effect is due to these compounds. Essentially different from this method are those processes (proposed by others) in which ozone is used as bleaching agent and is produced by the silent electric discharge through air. S. Letham claims that the best results are obtained by treating the air successively first by the silent electric discharge and then by an arc discharge. Methods of this kind for whitening flour are reported to be in commercial use to some extent in the middle west and south, but no exact information is available.

### ELECTRIC ELEVATORS.

Design by Which All Driving Mechanism is Bolted to Under Side of Car.

A new and extremely simple design of electric elevator has been recently called to the attention of the public, and the new system is said to combine absolute safety, economy of power, and economy of space, says the Scientific American. In the latter particular at least it represents a great advance over the present types. All the driving mechanism in this case is bolted to the underside of the car platform, and consists entirely of a horizontal drum revolved by an electric motor. On the periphery of the drum is fitted a spiral track, which engages and travels in two series of rollers set in the guide posts supporting the car. The motor being started, the drum revolves, and the car ascends or descends as desired. As to its economy, this system has the advantage enjoyed by all electrically-driven machinery, in that it consumes power only when in actual use, and another recommendation is that all the machinery being contained in the elevator shaft, much valuable floor space is saved. It is claimed to be absolutely safe, and requires no safety devices of any character. The electric elevator of this design is particularly valuable where there is an intermittent demand for its use and where great speed is not required.

### Larceny of Lingerie.

Breaking and entering finely furnished residences of Toledo, O., with diamonds and jewels of great value easily accessible. Emil Tauchard disdained to touch the valuable, but instead stole all the lingerie in sight. Chemises, corset covers with fine laces, muslins and hosiery of every kind and class fell prey to his mania, while gold and sparkling gems were unmolested. This has been going on for months, and detectives finally traced part of the stolen stuff to Tauchard, who has confessed. He says he is the victim of a man with a spiked beard who has hypnotized him.

Pennsylvania's Educational Novelty. State Zoologist Surface is preparing to send to each county in the state a collection of snakes found in Pennsylvania, with a chart showing the food of the various serpents, the ramifications of the snake family and the geographical situation of the various species.

The snakes will be used for educational purposes, so that the teachers and pupils may be able to recognize the varieties from their appearance and know whether they are poisonous or not.—Philadelphia Record.

### Electrical Domestic Appliances.

With the object of popularizing electrical appliances intended for domestic uses, an exhibition is taking place at Lyons under the auspices of the local Agricultural and Scientific association.

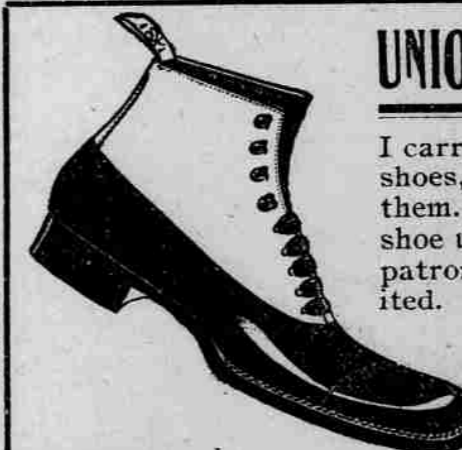
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Wear  
Kohn Bros.  
Union-made  
Fine  
Clothing

Extremely Fine  
Reasonably  
Priced

Sold Exclusively in Lincoln

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## UNION MADE SHOES

I carry nothing but union made shoes, and have a full line of them. I manufacture shoes and shoe uppers. A share of union patronage is respectfully solicited.

S. L. McCOY

1529 O Street



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via  
The Burlington Route

Round Trip Tickets on sale June 1st to Sept. 30th; return limit, Oct. 31st; to following points:			
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Denver	16.75	Milwaukee	22.20
St. Louis	17.20	Waukesha	22.20
Deadwood	17.85	Pueblo	17.50
Lead, S. D.	17.85	Cody, Wyo.	30.10
Custer, S. D.	16.65	Mexico City, Mex.	60.25
Hot Springs, S. D.	15.50	Salt Lake	30.50
Colorado Springs	17.35	Ogden	30.50
Sheridan, Wyo.	23.35	St. Paul	14.70
Mackinaw City	25.05	Minneapolis	14.70
Mackinac Island	25.05		
On Sale June 1 to Sept. 15.		Limit Oct. 31, 1906.	
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Seattle	60.00	Los Angeles	60.00
Tacoma	60.00	San Diego	60.00
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G. W. BONNELL, C. P. A.

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