

EVERYTHING
FOR
**Fire
Protection**



**Babcock Fire Extinguisher
Company**

373 Wabash Avenue, :: Chicago, Illinois

Babcock Fire Extinguisher Company

(INCORPORATED)

373-375 WABASH AVENUE
CHICAGO

Telephone, HARRISON 1360

SELLING AGENTS FOR

AMERICAN-LAFRANCE FIRE ENGINE CO.

ELMIRA, NEW YORK

Everything for Fire Protection

Babcock Fire Extinguishers, Patrol Fire Extinguishers, Salvage Fire Extinguishers, Alert Fire Extinguishers, Champion Fire Tubes, Hand Force Pumps, Babcock Hand Grenades, Two-wheel Chemical Engines, Hose Carts, Fire Axes, Pike Poles, Gongs, Fire Pails, Fire Escapes, Play Pipes, Nozzles, Fire Extinguisher Bottles of all kinds, Fire Extinguisher Supplies of all kinds, Soda and Sulphuric Acid Chemical Charges.

O. A. KOSS & CO., PRINTERS, CHICAGO

December 1907.

Chemical Hand Fire Extinguishers

The Most Effective Method Known for Fighting Small Fires

WE manufacture fire extinguishers in several types and sizes. Wherever there is anything to burn there is need for a fire extinguisher, but because of the variety of the demands there must necessarily be different types of fire extinguishers built in order that the special requirement and hazard may be best met in the most effective manner.

We manufacture the following types in their various sizes: The "Babcock," "Patrol," "Salvage," "Alert," "Champion Liquid Seal," "Hand Force Pump," "Champion Fire Tubes," "Babcock Hand Grenades," etc.

All of the above are very effective for fighting fire, and their simplicity precludes any possibility of an excited mind not being able to properly handle them at a critical moment.

The chemical hand fire extinguishers illustrated in the following pages are all of one principle, but varying somewhat mechanically. The feature is that of creating instantly a gas, which not only acts as a propelling power for the liquid, but is in itself a solution which smothers the fire, and is forty times as effective as plain water. Therefore, a chemical fire extinguisher is not only water, but a chemical extinguisher. It consists of a copper cylinder, strongly built to withstand an enormous pressure. To operate, it is filled nearly to the top with water. Into the water is mixed a quantity of bi-carbonate of soda. A small quantity of sulphuric acid is suspended in the cylinder, but when brought into action is by the operation of the extinguisher mixed with the water, and by the chemical action of the sulphuric acid and soda in the water great pressure is instantly created, which is played upon the fire through a short hose connected to the extinguisher.

The above is common with practically all makes of hand fire extinguishers. A very effective stream, which will put out any fire in its incipency, is available. In oil, naphtha or gasoline hazards, plain water will only spread the blaze, while the gaseous stream from an extinguisher smothers it instantly.

Insurance statistics show that 90 per cent of all fires are discovered in their incipency. Insurance statistics also show that 80 per cent of all fires that occur are put out by chemical streams.

In the following pages we illustrate several types, each of which is built upon honor, and the best that the brains and ingenuity of the largest fire apparatus builders in the world can possibly supply.

We, therefore, submit our various types of fire extinguishers, together with illustrations and descriptive matter of fire protection supplies of all kinds. There is practically nothing in the fire-fighting line that we cannot furnish, and we guarantee quality second to none.

Babcock Fire Extinguishers

THESE are made in different sizes in order to meet all conditions. On Babcock extinguishers we place a shut-off nozzle on the hose, which enables the operator to economize the stream, thereby placing it most effectively and in order to not unnecessarily injure costly furnishings, pictures, etc., etc., where same should be considered. The shut-off nozzle is peculiar to the Babcock machine, and is a valuable adjunct.

The No. 1 Babcock, 6-gallon capacity (page 5) is used around barns and stables, mills, factories, warehouses, country fire departments, and wherever there are hazardous risks.

The No. 5 Babcock, 3-gallon capacity; (page 8) is a commercial size, used for residences and where men are not always available.

The No. 2 Babcock, $2\frac{1}{2}$ to 3-gallon capacity, (page 7) is used throughout the country in city fire departments and is recognized as the standard machine where used by firemen to quickly get at a small blaze. It is largely used in railroad service and is built particularly heavy to withstand rough usage.

We also build the Junior Babcock, $1\frac{1}{8}$ -gallon capacity, (page 9) a small, neat machine, particularly adapted for use on suburban, street railway cars and railroad coaches, also very extensively and effectively used on automobiles. It takes up no more room than a lamp. When it is used on an automobile it is neatly placed on the side step, and when needed is needed badly. It is not affected by the jar of the machine and is always ready when wanted.

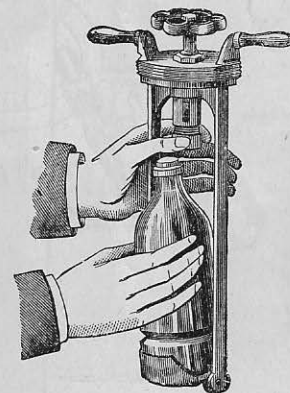
On all Babcocks, fill the machine nearly to the top with water. Into the water place a quantity of bi-carbonate of soda (depending upon size of extinguisher). In the head of the extinguisher is a bottle cage, holding the sealed bottle containing sulphuric acid (quantity depending upon size of machine). To discharge the extinguisher, a wheel is turned on the top of the extinguisher, which screws a plunger down, breaking the acid bottle, when the fluid contents of the bottle are at once mixed with the soda solution, and an immediate high pressure is the result. We refer you to the sectional cut on page 8.

No. 1 Babcock

For Factories, Warehouses, Barns, Fire Departments, and Wherever Men are always Available



Capacity 6 gallons

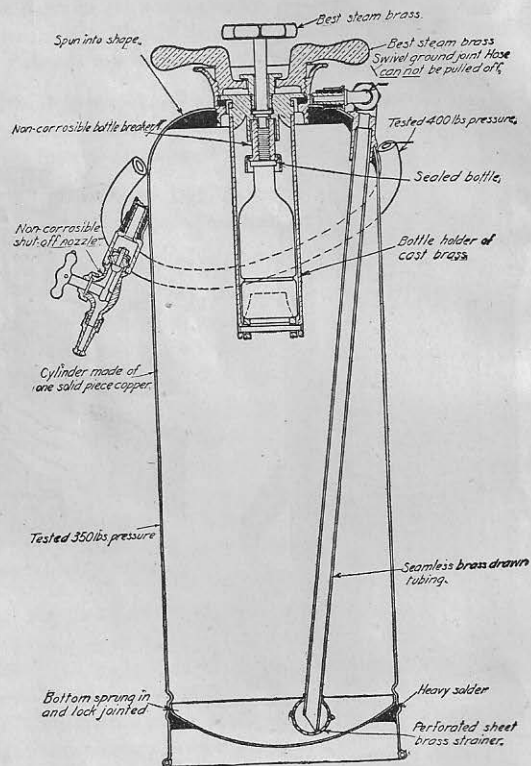


"Babcock" Bottle Holder

Red Japanned	Price, \$30.00
Polished Copper	Price, 33.00
Nickel-plated	Price, 35.00

No. 1 Babcock

Capacity 6 Gallons



Sectional View
Showing method of holding and breaking
acid bottle

No. 2 Babcock

Built especially for City Fire Departments, Railroads, and for
withstanding general rough usage



Capacity 2½—3 Gallons

Red Japanned	Price \$25.00
Copper Polished	" 27.50
Nickel-plated	" 30.00

No. 5 Babcock

Especially adapted to protection where women are employed and where a heavier Extinguisher would be impractical



Capacity 3 gallons

Copper polished	Price, \$20.00
Nickel-plated	Price, 22.50

Junior Babcock

Capacity 1½ Gallons

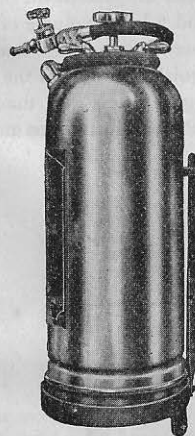


With Bracket and Straps, for use on automobiles

For Automobiles, Railroads, Elevated Roads, etc.



Bracket and Straps, for use on automobiles. (Detached)



Showing method of attaching to railroad car



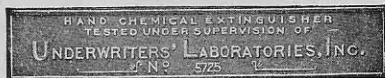
With Railroad Bracket, front view

With automobile attachment. Finished in polished copper. Price	\$20.00
With railroad attachment. Finished in polished copper. Price	17.00
Without automobile or railroad attachments. Finished in polished copper. Price	15.00

Patrol Fire Extinguisher

Three-Gallon Capacity

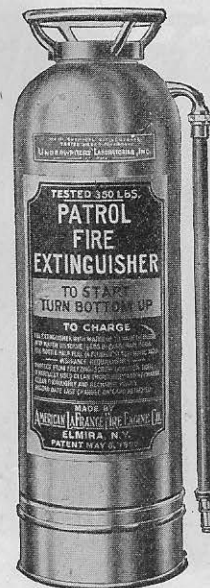
THIS machine is of the tip-over type, and is made expressly for commercial use of all kinds. Being properly filled ready for service, it is simply grasped by hand, turned over quickly, and instantly produces a powerful stream. Any woman or child can operate it easily, and it is a most effective machine for interior fires. The "Patrol" consists of a copper cylinder $21\frac{3}{4}$ inches in height, 7 inches in diameter. To operate, fill nearly to the top with water. Into this water mix $1\frac{1}{2}$ pounds bi-carbonate of soda. In the head of the extinguisher, which is detachable, is a brass cage into which is inserted a bottle half-full of sulphuric acid (four fluid ounces). The acid bottle is closed by a loose lead stopper. To discharge, the extinguisher is inverted, the lead stopper at once drops from the bottle, the sulphuric acid mixes with the soda solution, and a large volume of carbonic acid gas is formed. We refer you to inverted sectional views on accompanying pages. The "Patrol" fire extinguisher embodies the very best material and workmanship, the shell being seamless and made to withstand a pressure of 350 pounds. We refer you to illustrations on the following pages.



Look for this Label when Purchasing
TIP-OVER FIRE EXTINGUISHERS

Patrol Fire Extinguisher

For General Household and Commercial Use

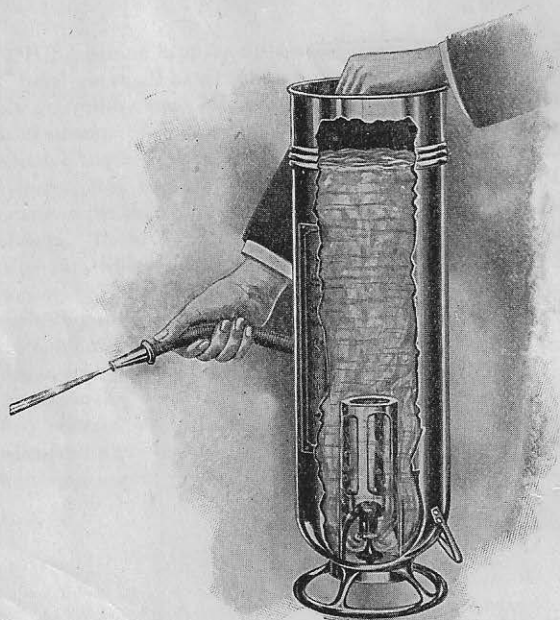


Capacity 3 gallons

Inspected, approved and labeled by the Underwriters Laboratories under supervision of National Board of Fire Underwriters.

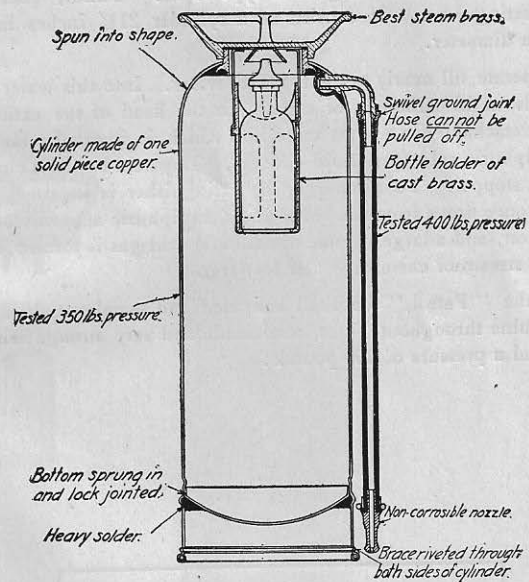
Polished Copper.....Price, \$15.00
Nickel-plated.....Price, 17.00

Sectional View of the "Patrol" Fire Extinguisher in Action



Extinguisher inverted, showing mixture of acid with soda solution, and generating the fire-smothering gas

Patrol Fire Extinguisher



Sectional View
Showing method of holding acid bottle

Salvage Fire Extinguisher

Three-Gallon Capacity

THIS machine is similar in general type to the "Patrol," being a tip-over extinguisher. It consists of a cylinder $21\frac{3}{4}$ inches in height, 7 inches in diameter.

To operate, fill nearly to the top with water. Into this water is mixed $1\frac{1}{2}$ pounds of bi-carbonate of soda. In the head of the extinguisher, which is detachable, is a brass cage into which is inserted a bottle half-full of sulphuric acid (four fluid ounces). The acid bottle is closed by a loose lead stopper. To discharge, the extinguisher is inverted, the lead stopper at once drops from the bottle and the sulphuric acid mixes with the soda solution, and a large volume of carbonic acid gas is formed, sufficient to throw a stream of chemical water fifty feet.

Like the "Patrol," the shell is brazed and seamless. It is a high-grade machine throughout, light, serviceable and very strong, being built to withstand a pressure of 350 pounds.



Look for this Label when Purchasing
TIP-OVER FIRE EXTINGUISHERS

Salvage Fire Extinguisher

For General Household and Commercial Protection



Capacity 3 Gallons

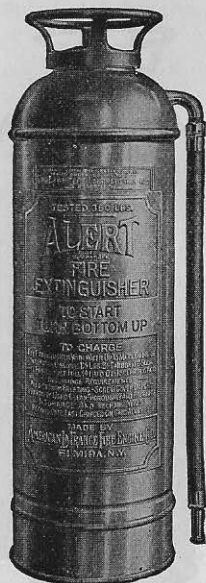
Examined, Labeled and Approved Under the Directions of National Board of Fire Underwriters.

Polished Copper.....	Price, \$15.00
Nickel-plated.....	Price, 17.00

Alert Fire Extinguisher

For General Household and Commercial Protection

This is similar in general type to the "Patrol" and "Salvage" Fire Extinguishers.



Capacity 3 Gallons

Examined, labeled and approved under the directions of National Board of Fire Underwriters.

Polished Copper.....	\$15.00
Nickel-plated	17.00

Twentieth Century Fire Extinguisher

For General Protection from Fire



Capacity 3 gallons

This is the same general type of the "Patrol" and "Salvage." It is a tip-over machine and makes a very desirable extinguisher. It is light and durable, intended for all commercial purposes. Is built to withstand extreme pressure and will provide as effective fire service as any other machine of its type and size on the market. It is one of our latest productions and we offer it in competition wherever a tip-over 3-gallon extinguisher is desired.

Finished in polished copper.....	Price \$12.00
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BABCOCK FIRE EXTINGUISHER COMPANY

One of the easiest ways of identifying the make of a Fire Extinguisher is by its bottle. Below are views of bottles used in our Fire Extinguishers. Underneath each is given the name of the extinguisher, the diameter and height of the bottle. In ordering charges or supplies, if you are in doubt as to the style of machine you have, this will assist you.



OS-No. 1
Babcock
Size, 6 $\frac{1}{4}$ x 2 $\frac{1}{8}$



No. 1
Babcock
Size, 6 x 2 $\frac{1}{4}$



No. 2
Babcock
Size, 4 $\frac{1}{4}$ x 13-16



No. 4
Babcock
Size, 4 $\frac{1}{4}$ x 1 $\frac{3}{4}$



No. 5
Babcock
Size, 4 $\frac{1}{4}$ x 1 $\frac{3}{4}$



No. 3
Babcock
Size, 3 $\frac{1}{4}$ x 1 $\frac{1}{2}$



No. 1
Champion
Size, 6 $\frac{7}{8}$ x 2 $\frac{3}{8}$



No. 2
Champion
Size, 4 $\frac{1}{4}$ x 2 $\frac{3}{8}$



No. 4
Champion
Size, 4 x 1 $\frac{1}{2}$



No. 3
Champion
Size, 2 $\frac{1}{2}$ x 1 $\frac{1}{8}$



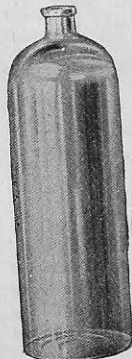
No. 5
Champion
Size, 4 x 1 $\frac{1}{2}$



LS-
Champion
Size, 4 $\frac{1}{4}$ x 1 $\frac{1}{8}$



Patrol
Salvage,
Alert,
20th Century
Size, 5 $\frac{1}{4}$ x 2 $\frac{3}{8}$



50 and 60 gal.
Holloway Eng.
Size
12 $\frac{1}{4}$ x 4



35 and 40 gal.
Holloway Eng.
Size
9 x 4



15 gal. Holloway
Ext.
Size
7 $\frac{1}{4}$ x 2 $\frac{3}{8}$



No. 8 and 9
Ext.
Size
6-5-16 x 2 $\frac{1}{4}$



No. 2
6 gal. Ext.
Size
5 $\frac{1}{4}$ x 2 $\frac{3}{8}$



Pony Holl'y
Ext.
Size
4 x 1 $\frac{1}{8}$

BABCOCK FIRE EXTINGUISHER COMPANY



35 and 40 gal.
Holl'y Eng.
Size
12 $\frac{1}{4}$ x 3 7-16



25 and 30 gal.
Holl'y Eng.
Size
10 3-16 x 3 3-16



No. 5 Champion
Holl'y 6 gal. Ext.
Size
6 $\frac{1}{4}$ x 2 3-16



No. 7 and Int.
Ext.
Size
5 $\frac{1}{4}$ x 2 5-16



No. 6 Holl'y
3 gal. Ext.
Size
3 $\frac{3}{4}$ x 1 13



Pet Holl'y
1 gal. Ext.
Size
2 15-16 x 1 3-16



1 gal. Holl'y
Ext. O.S.
Size
2 $\frac{1}{4}$ x 1 $\frac{1}{2}$

Chemical Charges for Fire Extinguishers

For 6 gallon extinguisher, per dozen	\$6.00
For 3 gallon extinguisher, per dozen	5.00
For 1 $\frac{1}{2}$ gallon extinguisher, per dozen	2.50
Fire King, non-freezing compound for Hand Force Pumps, Air Pressure Extinguishers, etc., Per gallon	0.30

SODA:—We use the very best quality of bi-carbonate soda obtainable. This is made to our order, and we use it in large quantities, consequently always have a supply of fresh soda on hand. The good results obtainable from a chemical fire extinguisher or chemical fire engine depend almost entirely upon the use of good chemicals. Our soda is guaranteed to be the very best, and if bought in barrels containing 400 pounds, the price is.....4c per pound. In less quantities than barrel lots.....4 $\frac{1}{2}$ c per pound.

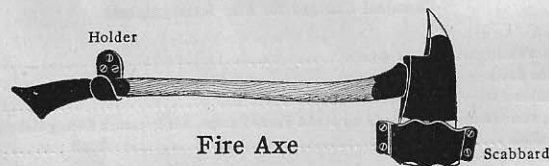
ACID:—We use the very best grade of 66 degree Sulphuric Acid (Oil of Vitrol). It is guaranteed to be full strength and it sells by the carboy, containing about 200 pounds, at 3c per pound.

A charge of \$2.00 is made for the carboy, which amount is credited back to the customer upon the return of the carboy in good condition, F. O. B. cars Chicago.

Hand Pump

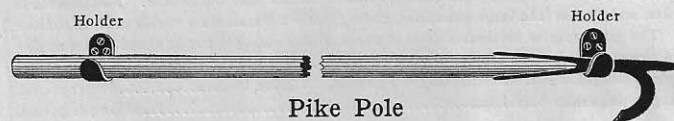


Bracket



Fire Axe

Scabbard



Pike Pole

Chicago Hand Pump, heavy copper for fire departments, each.....	\$15.00
Chicago Hand Pump, medium copper, each.....	10.00
Chicago Hand Pump, galvanized iron, each.....	7.50
Art Bracket for Hand Pump, each.....	2.00
Fire Axe, each.....	2.00
Fire Axe Holders, per set.....	.50
Pike Pole, each.....	2.00
Holdes, per set.....	.40



The Champion Fire Tube is the very best extinguisher of this kind on the market. It contains full three pounds and the ingredients are the result of many years experimenting in this line. It is very simple, the tube being composed of tin with a removable cover. The tube is hung on a nail or hook and when required for use a sharp jerk removes the cover and permits the operator to throw the contents on the fire. This dry powder extinguisher is intended for use in connection with cross wires on switch boards, oil or grease fires where they are accessible, etc. They are not intended to take the place of carbonic acid gas extinguishers like the Babcock, Patrol, Salvage, etc., but are a good auxiliary.

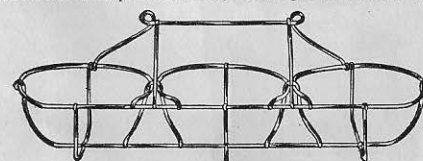
Price, each.....\$1.00

Babcock Hand Grenade

This is a globe-shaped corrugated glass bottle, filled with a non-freezing chemical fluid. To operate, the hand grenade is thrown in the fire, which breaks the globe and the chemical fluid generates a large amount of an extinguishing gas when brought into contact with flame.

The bottle is hermetically sealed, which prevents the evaporation of the fluid and preserves it for an indefinite period.

Manufactured in quart sizes only. Price per dozen.....\$8.00

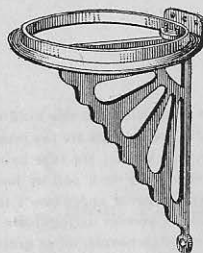


Hand Grenade Racks

For holding one grenade, each.....	\$0.25
For holding two grenades, each.....	0.30
For holding three grenades, each.....	0.35



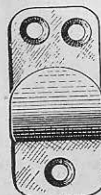
Fire Extinguisher Brackets



Finished in red japan, aluminum, or gilt bronze

For 6 Gallon Extinguishers, each.....	\$2.00
For 2½-3 Gallon Extinguishers, each.....	1.75
For 1½ Gallon Extinguishers, each.....	1.50

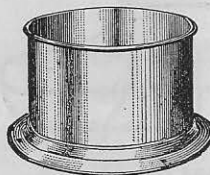
Hanging Hook



For Patrol, Salvage and Alert Extinguishers

Price, each	\$0.25
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Extinguisher Cups



For 3 Gallon Extinguishers Only

Polished, each	\$6.00
Nickel-plated, each	7.50

Fire Pails



Galvanized, 10 quart.....	per dozen	\$4.00
Galvanized, 12 quart.....	per dozen	4.50
Galvanized, 14 quart.....	per dozen	5.00
Indurated Fibre Ware, 12 quart.....	per dozen	5.00

Sanatory Fire Bucket



Will not evaporate, freeze, corrode, explode or deteriorate. Requires no attention or instruction how to use. It is always ready at the time and place needed.

On National Board of Fire Underwriters' approved list.

Price, per dozen.....	\$30.00
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"CHAMPION"

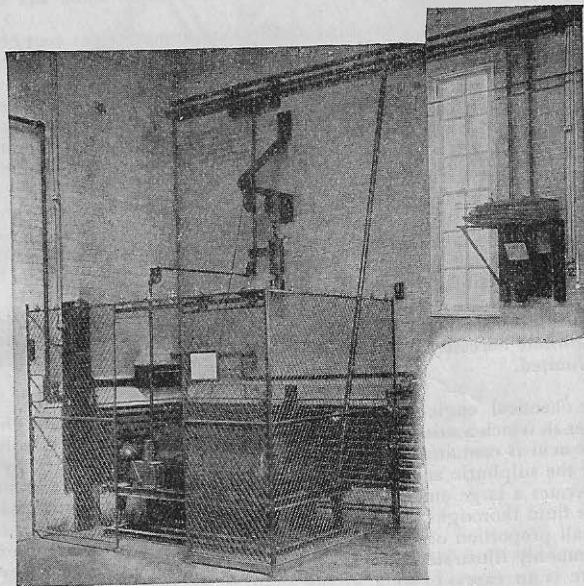
Stationary Chemical Fire Engine System for Buildings

THIS method of fire protection has proven successful because of its chemical features and accessibility. It is a stationary system so arranged that immediate results are secured; eliminating, however, the fear of damage caused by water. It is principally intended for office buildings, residences, garages, factories; in fact, all buildings of any kind, especially where water damage would be a factor, or where water would not be effective in putting out fires, such, for instance, as in paint factories, oil and varnish warehouses, etc., etc.

The system consists of one or more stationary chemical cylinders, situated in the basement, attic, or any out-of-the-way place. To this cylinder is connected a series of piping carried through the building, providing hose stations at proper intervals, and so arranged that the entire property would be protected by an instantaneous and powerful stream. In connection with the pipe system are certain trips for the proper working of the chemical engine. In each of the hose stations is found a pull handle and a valve, same being covered by a glass-faced smash-box. Above the box at each hose station is an automatic reel or basket carrying from 50 to 150 feet of chemical hose, connected with a shut-off nozzle. In turning in an alarm the glass is broken in the smash-box, the trip valve is pulled and the valve opened, permitting the chemical fluid to enter the hose. The entire pipe system is dry when not in operation, and therefore not subject to freezing. Inside of a few seconds, depending upon the distance of the hose station from the chemical cylinder, a powerful chemical stream is at the nozzle, and the operator can either turn the full stream on the fire or manipulate with the shut-off nozzle, economizing the fluid if it promises a long combat. The hose is permanently attached and the whole system operates regardless of the amount of hose pulled from the reel or basket. Long experience has brought it to a state of perfection which prevents the possibility of failure. The interior of the cylinder, together with the entire pipe system, is non-corrosive. All bearings to accommodate the pull cords and trip valves are equipped anti-friction and dust-proof. The system is designed and constructed to properly drain itself and prevent freezing. The simplicity of its design and construction makes it a very desirable system. The tripping attachment is entirely independent of the chemical action and can be equipped with proper alarm gongs or bells.

We are pleased at all times to give estimates and general information on this subject.

Champion Stationary Chemical Fire Engine System



Showing chemical engine, piping and one hose station.

Chemical Fire Apparatus

THE remarkable success of chemical fire apparatus has resulted in a close application of the manufacturers to the details of construction and design, with consequent improvements and extension of the original ideas.

In a little more than a quarter of a century, upwards of six thousand chemical fire engines and combination pieces have been placed in service in fire departments, in addition to many thousands of small engines for factories and residences, and hundreds of thousands of hand fire extinguishers.

The records of many years have shown that about 80 per cent of fires are now extinguished by chemicals, without the use of water, by fire departments properly equipped with this type of apparatus.

The merits of fire apparatus may be summed up briefly: it takes up little space and is always ready for immediate service; it is light and easily moved and gets into service quickly; it requires but one or two men to handle; it is so simple any man of ordinary intelligence can understand it; it extinguishes fires with dispatch; it is particularly efficient on oil fires when plain water is at a disadvantage; it saves water damage, which is often greater than the actual loss incurred from the fire.

The cost of maintenance of chemical apparatus is very small, as practically the only item of expense is the chemicals, which are commercial commodities easily obtained.

For these reasons a chemical engine in its various modifications has become an indispensable factor in every properly equipped fire department, and an absolute necessity in small towns and villages where the water facilities are limited.

Its Operation

The chemical engine is self-contained. It consists of a tank filled with water in which a suitable quantity of bi-carbonate of soda is dissolved. Sulphuric acid is contained in a sealed receptacle. It is discharged by the release of the sulphuric acid into the alkaline fluid. The mixture immediately generates a large amount of carbonic acid gas under pressure, which expels the fluid thoroughly impregnated with the gas. When the air contains a small proportion of carbonic acid gas it is impossible for fire to exist, a fact commonly illustrated by lowering a lighted candle into an old well.

There is an excess of soda in the solution, so that the acid is completely neutralized and is absolutely harmless to the most delicate fabric or to the person using the chemical engine. The gas generated is amply sufficient to completely empty the tank, a stream of several minutes duration being played on the fire.

The hose is equipped with a shut-off nozzle which serves to economize the fluid and prevents its unnecessary waste.

The maximum pressure generated is far below the rupturing point of the cylinders, which are all tested hydrostatically before leaving the factory, at a pressure several times greater than that which the chemicals can generate.

No. 7 Forty Gallon Champion Chemical Fire Engine



Specifications

CYLINDER:—One (1) 40-gallons capacity, Champion, mounted on two wheels, narrow gauge, capable of passing through an ordinary door or being carried on a small elevator. Operated by inverting cylinder.

Equipment as Follows:

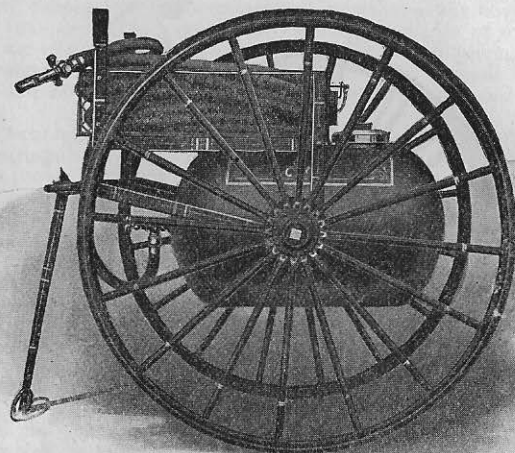
WHEELS:—Best grade.
TIRES:—Of round edge steel.
HOSE:—50 feet $\frac{3}{4}$ -inch special four-ply rubber chemical hose with brass couplings attached.
NOZZLE:—One (1) brass shut-off, eccentric, with rubber valve.
WRENCH:—One (1) heavy brass angle valve.
CYLINDER VALVE:—One (1) of chemically pure lead, protected by copper sheathing, heavily tinned.
SODA BAG:—One (1).
HOSE SPANNER:—One (1).
WRENCH:—One (1) cylinder cap.
PAINTING:—English vermilion striped.
CAPACITY:—40 gallons
LENGTH:—Over all, 53 inches.
GAUGE or TREAD:—27 inches.
WIDTH:—Over all, 30 inches.
HEIGHT:—Over all, 53 inches.

Price complete.....\$200.00

If larger engine desired write for special catalogue.

No. 8 Forty Gallon Champion Chemical Fire Engine

Operated by Inverting Cylinder



Specifications

CYLINDER:—One (1) 40-gallons capacity, Champion, mounted on two wheels.

Equipment as Follows:

WHEELS:—Best grade.

TIRES:—Of round edge steel.

TONGUE:—Of iron folding or drop pattern.

HOSE:—50 feet of ¾-inch special four-ply rubber chemical hose, with brass couplings attached.

NOZZLE:—One (1) brass shut-off eccentric, with rubber valve.

BASKET:—One (1) wire basket for hose, of ample capacity.

VALVE:—One angle, of heavy brass.

ACID RECEPTACLE:—One (1) of chemically pure lead, protected by copper sheathing, heavily tinned.

SODA BAG:—One (1).

HOSE SPANNER:—One (1).

WRENCH:—One (1) cylinder cap.

PAINTING:—English Vermillion, striped.

CAPACITY:—40 gallons.

LENGTH:—Over all, 7 feet 4 inches.

WIDTH:—Over all, 44 inches.

HEIGHT:—Over all, 53½ inches.

GAUGE OR TREAD:—36 inches.

Price complete.....\$250.00

If larger engine desired, write for special catalogue.

Two-Wheel Hand Hose Carts

For Fire Departments,
Factories, Etc.

CONSTRUCTION:—Our Hose Carts are constructed of the best material obtainable, and on modern lines. They are so balanced that the weight of load and frame is entirely on the axle.

The carts are all neatly painted and ornamented, the regulation color being English Vermillion with black striping. All fire department carts are lettered with name and number on tool box, when desired. All brass work is heavily nickel-plated.

CAPACITY:—The capacities of our two-wheel carts range from 125 to 500 feet of 2½-inch 4-ply rubber fire hose. Using one foot of this hose as a unit of measure, the relative capacities for other kinds of hose are approximately as follows:

2½ inch 4-ply rubber fire hose	1
2½ " heavy double-jacket cotton rubber-lined hose	1
2½ " heavy single-jacket cotton rubber-lined hose	1½
2½ " mill single-jacket cotton rubber-lined hose	2
2½ " unlined linen hose	4

Hose Cart

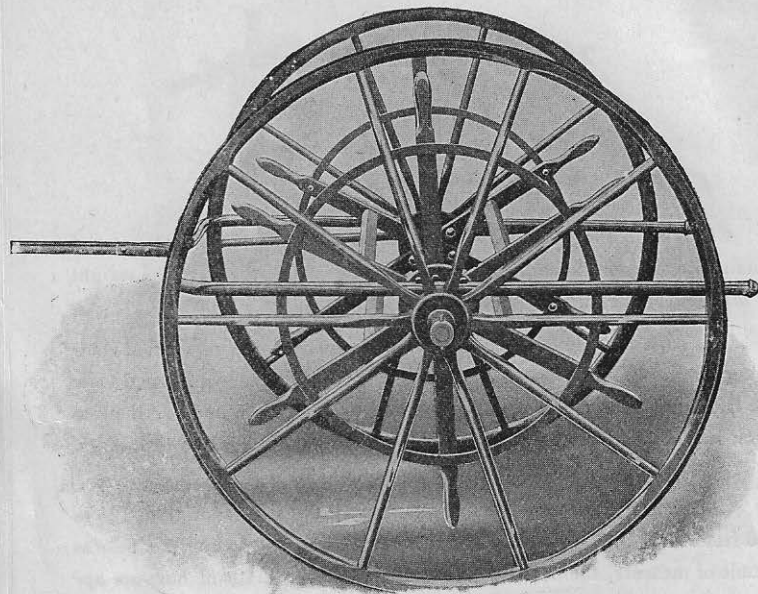


Fig. 166

This small size cart is made for use in lumber yards, manufacturing plants, warehouses, etc., where a small quantity of hose is stored near hydrant. The cart is well constructed, having tubular frame, hose reel, $3\frac{3}{4}$ inch iron-tired wheels, and will carry 125 feet $2\frac{1}{2}$ inch rubber hose, or 175 feet of $2\frac{1}{2}$ inch heavy single jacket cotton rubber lined hose.

Dimensions and Price

Length	Width	Height	Weight	Price
6 ft. 4 in.	40 in.	$36\frac{3}{4}$ in.	90 lbs.	\$30.00

Hose Cart

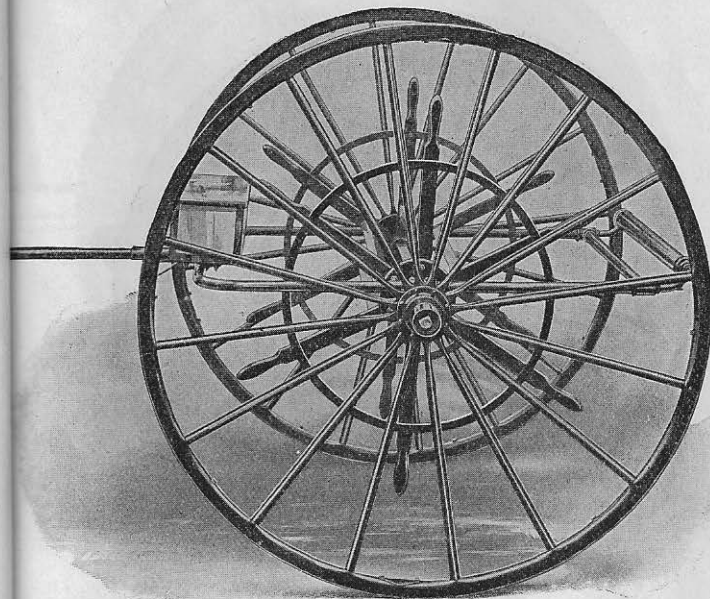


Fig. 167

This cart is about the same style as Fig. 166, and is used for the same purposes where a cart of larger capacity is desired. It has a wrought tubular frame friction roller at rear, tool box in front, hooks for drag rope, $5\frac{1}{2}$ inch iron-tired wheels, and hose reel.

Capacity 200 feet $2\frac{1}{2}$ inch hose, or 300 feet of $2\frac{1}{2}$ inch heavy single jacket cotton rubber lined hose.

Dimensions and Price

Length	Width	Height	Weight	Price
7 ft.	4 ft.	$52\frac{1}{2}$ in.	120 lbs.	\$44.00

Hose Cart

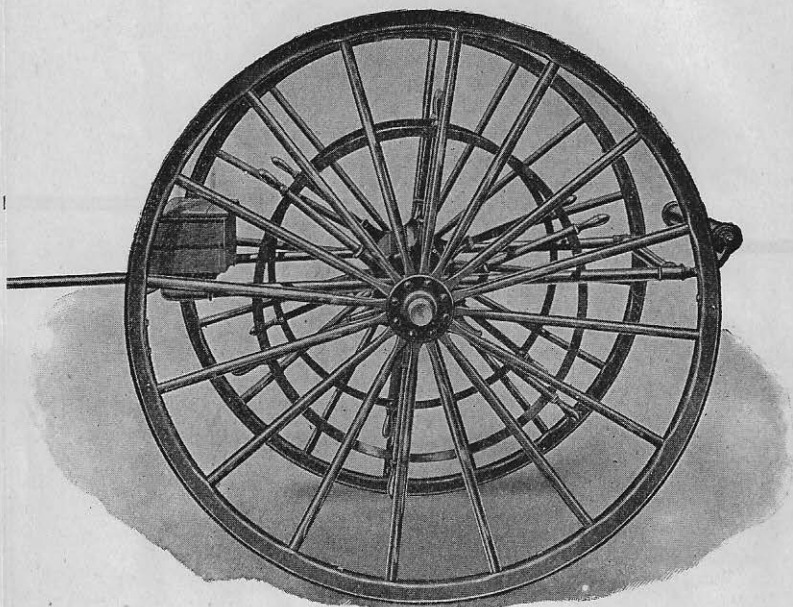


Fig. 168

This cart has a strong wrought tubular frame, large axle, $5\frac{3}{4}$ -in. wheels, with steel tires and nickel-plated hub caps, tool box in front, hooks for drag rope, roller at rear.

Capacity, 300 feet of $2\frac{1}{2}$ -inch rubber hose, or 400 feet of $2\frac{1}{2}$ -inch heavy single jacket cotton rubber lined hose.

Dimensions and Price

Length	Width	Height	Weight	Price
9 ft.	4 ft. 10 in.	$54\frac{3}{4}$ in.	310 lbs.	\$100.00

Hose Cart

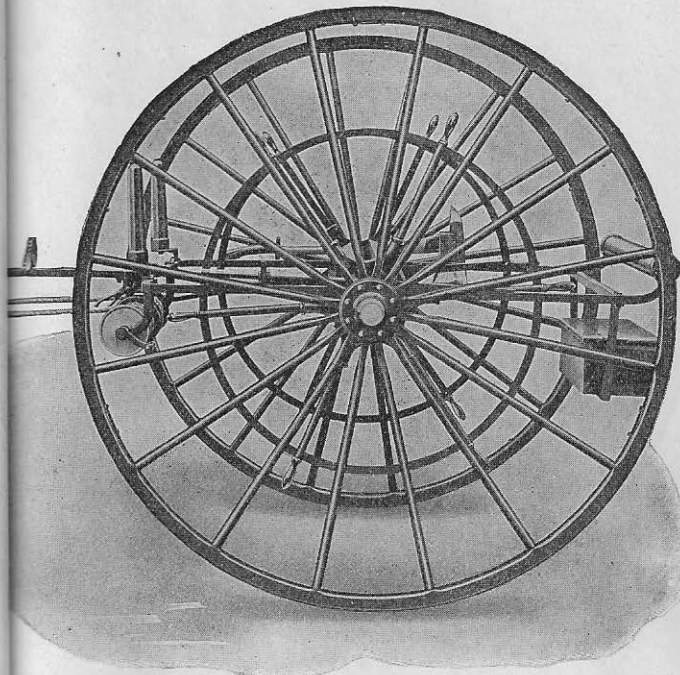


Fig. 328

The frame of this cart is forged in one piece from best wrought-iron. It includes drum on reel, rope reel, folding tongue rest, trumpet or play pipe holders in front, play pipe holder on tongue, large tool box at rear, friction roller and nickel-plated trimmings. The regular equipment consists of axle and crow bar in spring holders, 80 feet of drag rope with snap and ring, and axle and hub cap wrench.

Capacity, No. 3, 350 feet of $2\frac{1}{2}$ -inch rubber hose, or 500 feet of $2\frac{1}{2}$ -inch heavy single jacket cotton rubber lined hose; No. 5, 500 feet of $2\frac{1}{2}$ -inch rubber hose, or 675 feet of $2\frac{1}{2}$ -inch heavy single jacket cotton rubber lined hose.

Dimensions and Prices

No.	Length	Width	Height	Weight	Price
3	9 ft. 6 in.	4 ft. 10 in.	$54\frac{3}{4}$ in.	450 lbs.	\$150.00
5	9 ft. 6 in.	5 ft. 10 in.	$66\frac{3}{4}$ in.	490 lbs.	160.00

Hose Cart

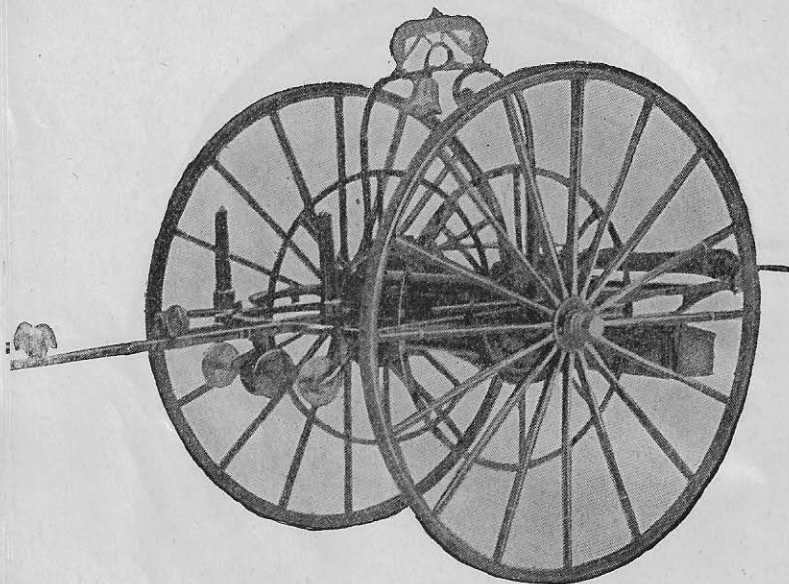


Fig. 447

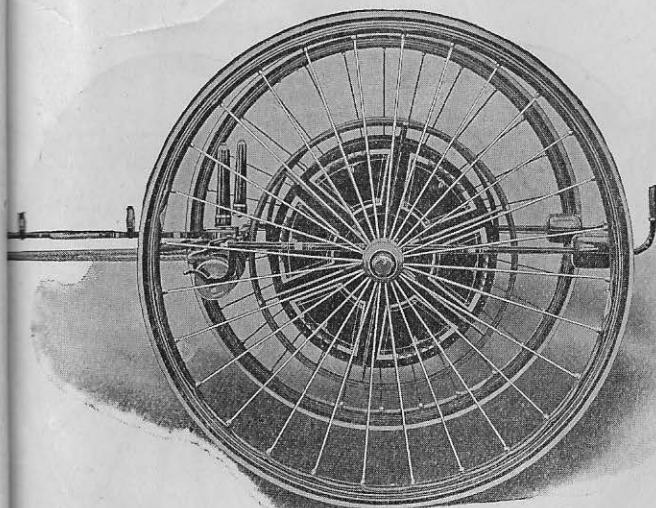
This cart has a wrought-iron frame, reel drum, open reel heads, chain winding attachment with adjuster for tightening chain, wrought-iron arch with scroll and name plate, cones on front of frame and holders on tongue for two play pipes, large tool box at rear, friction roller, tongue rest, rope reel, nickel-plated hub caps on wheels. This cart is equipped with axle and crowbar, bell on arch, 80 feet of drag rope, axle nut and hub cap wrenches and winch handles for winding hose reel.

Capacity 500 feet of 2½ inch rubber hose, or 675 feet of heavy single jacket cotton rubber lined hose.

Dimensions and Price

Length	Width	Height	Weight	Price
9 ft. 11 in.	5 ft. 5 in.	6 ft.	585 lbs.	\$250.00

Bicycle Wheel Racing Cart



FRAME:—This cart has solid wrought-steel frame and tongue, forged in one piece.

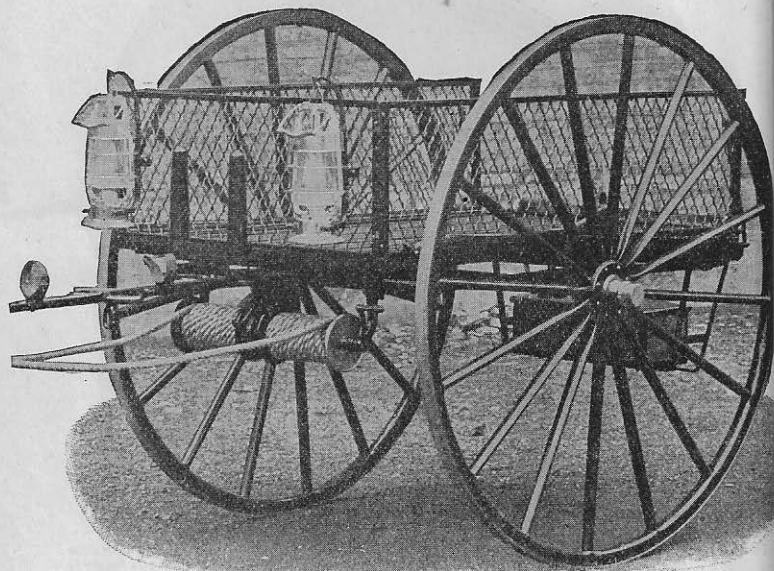
AXLE:—Steel.

WHEELS:—Bicycle pattern, with round edge steel tires and steel spokes. Hubs and spokes are polished and nickel-plated. Rubber cushion tires and ball bearing axles can be furnished if desired. Reel heads of sheet-steel. Drum is provided for hose. Adjustable counter-weight to balance cart. Tongue has crab on end and pipe holder.

CAPACITY:—250 feet of 2½ inch rubber hose, or 350 feet of 2½ inch heavy single jacket cotton rubber lined hose.

Price on Application

Two-Wheel Hose Wagon



Built to Order. Price on Application

Fire Engine Heater

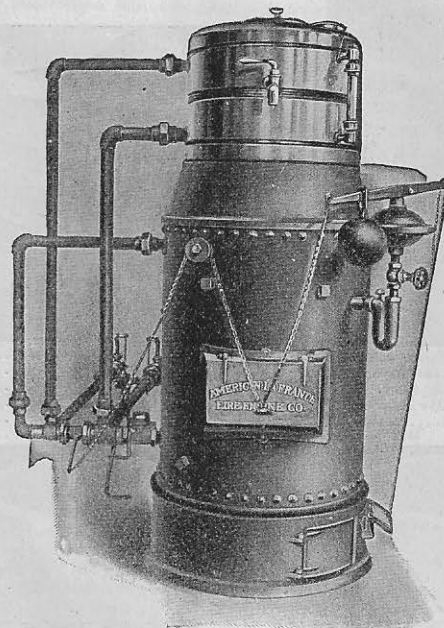


Fig. 400

Size	Capacity	Diameter of Boiler	Height Over All	Width Over All	Weight	Price
No. 1	10 lbs. Steam	20 in.	4 ft. 8 in.	3 ft.	800 lbs.	\$200.00
No. 2	25 lbs. Steam	22 in.	4 ft. 10 in.	3 ft. 2 in.	960 lbs.	230.00

We handle Engine House Heaters of all sizes and styles, for either one or two engines, or combination for heating both the engine and the house. Write for special heater catalogue.

Cotton Rubber-Lined Mill Hose

The different brands of our Mill Hose are, every one of them, the reliable and lasting kind. Their name can be taken as surety for the best value obtainable in the particular class they represent. Our hose is not the sort that costs you a trifle less, but rather that which means the full equivalent of your expenditure, with no chance for regret in the future. It is water-proof, and insures safety in mills, factories, public buildings, etc.



Made strictly in accordance with specifications and acceptable to the Associated Factories' Fire Insurance Companies.
Standard size only, 2 3/8 inch.
Price per foot, coupled.....\$0.85

1 inch, price per foot, coupled.....	\$0.35
1 1/4 inch " " " " " "	.40
1 1/2 inch " " " " " "	.45
2 inch " " " " " "	.55
2 1/4 inch " " " " " "	.60
2 1/2 inch " " " " " "	.65



1 inch, price per foot, coupled.....	\$0.30
1 1/4 inch " " " " " "	.35
1 1/2 inch " " " " " "	.40
2 inch " " " " " "	.50
2 1/4 inch " " " " " "	.55
2 1/2 inch " " " " " "	.60

1 inch, price per foot, coupled.....	\$0.25
1 1/4 inch " " " " " "	.30
1 1/2 inch " " " " " "	.35
2 inch " " " " " "	.45
2 1/4 inch " " " " " "	.50
2 1/2 inch " " " " " "	.55

Linen Hose

The Underwriters' linen hose complies with the standard specifications for Unlined Linen Hose of the Associated Factory Mutual Insurance Companies.

1 inch U. S. Underwriters' Linen Hose, price per foot coupled.....	\$0.15
1 1/4 inch " " " " " "	.18
1 1/2 inch " " " " " "	.22
2 inch " " " " " "	.26
2 1/4 inch " " " " " "	.30
1 inch Yale Brand Linen Hose, price per foot coupled.....	.13
1 1/4 inch " " " " " "	.15
1 1/2 inch " " " " " "	.17
2 inch " " " " " "	.20
2 1/4 inch " " " " " "	.22

NOTE:—The prices above given are for hose coupled, in not less than 50 ft. lengths.

Chemical Engine Hose

Best Grade 4-ply Chemical Engine Hose, made to our own formula.

1 inch internal diameter, coupled, per foot.....	\$0.50
3/4 inch " " " " " "	.45

Gaskets

Cast Rubber, Best Quality

1 inch.....	per dozen \$0.45
1 1/2 inch.....	" .50
2 1/4 inch.....	" .60
3 inch.....	" 1.25
4 inch.....	" 2.50

BABCOCK FIRE EXTINGUISHER COMPANY

Hose Spanners

All Our Hose Spanners are Galvanized

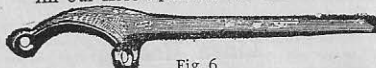


Fig. 6
Two-Eyed Spanner

Price, per dozen \$ 4.00

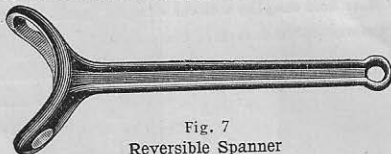


Fig. 7
Reversible Spanner

Price, per dozen \$ 4.00

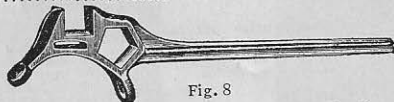


Fig. 8
Spanner and Hydrant Wrench Combined

Price, per dozen \$ 5.00

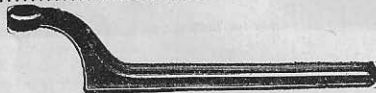


Fig. 9
Common Hose Spanners

1½ inch, price per dozen \$ 2.00
2 inch, price per dozen 2.50
2½ inch, price per dozen 3.00

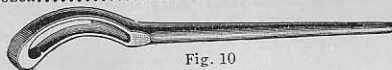


Fig. 10
Handy Spanners

Price, per dozen \$ 4.00

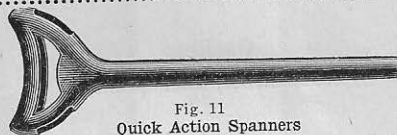


Fig. 11
Quick Action Spanners

Price, per dozen \$ 4.00

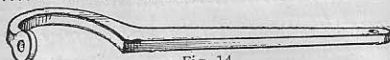
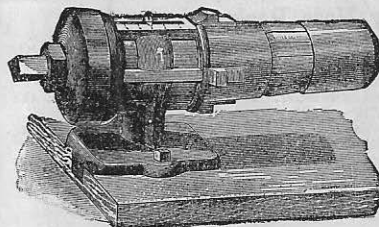


Fig. 14
Government Spanner

1½ inch, price per dozen \$ 4.00
2 inch, price per dozen 6.00
2½ inch, price per dozen 10.00

BABCOCK FIRE EXTINGUISHER COMPANY



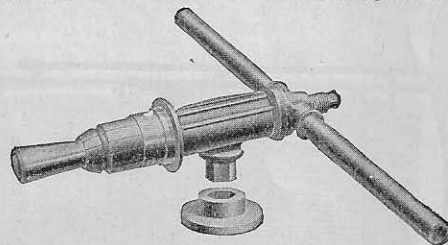
Automatic Coupling Expander

These expanders are necessary in attaching all kinds of expansion ring couplings.

For 1¼ in., 1½ in., 2 in., 2½ in. \$20.00
For 3 inch 25.00
For 3½ and 4 inch 40.00
For 4½ inch 45.00
For 5 inch 50.00

"Self-Returner" Expander

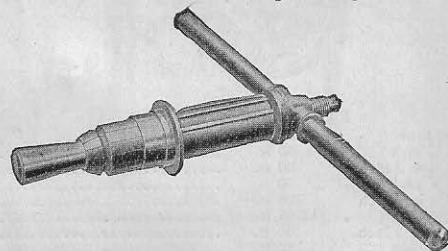
A thoroughly practical tool for fire department use. Shell and segments of composition metal



For 2½ inch \$25.00 For 4½ inch \$45.00
For 3 inch 30.00 For 5 inch 50.00
For 3½ inch 35.00 For 6 inch 60.00
For 4 inch 40.00

Common Expander

For small sizes this tool meets the general requirements.



For ¾ and 1 inch \$8.00 For 2 and 2½ inch \$10.00
For 1¼ and 1½ inch 9.00

Brass Expansion Rings

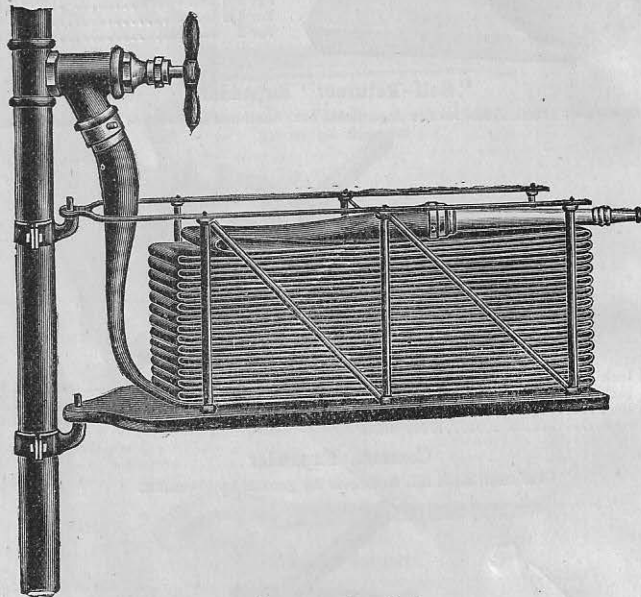
For 1 inch couplings, per dozen \$1.50 For 3½ inch couplings, per dozen \$4.00
For 2½ inch couplings, per dozen 2.00 For 4½ inch couplings, per dozen 6.00

The Dewey Hose Rack

This cut represents the latest thing in the way of a Hose Rack for use in hotels, warehouses, etc. The illustration shows the rack provided with clamps for attaching to stand pipe. We also furnish the rack with wall plate if desired; it makes no difference in the price.

The Dewey hose rack is finished in a superior manner. It is enameled red and then the enamel is baked on, producing a very fine finish.

In ordering be sure to state the quantity, size and kind of hose required for each rack; also whether pipe clamps or wall brackets are desired.



For "Unlined Linen" Hose

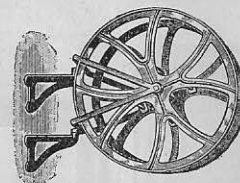
No.	Size of hose	Full capacity	Price
8.....	For 1 1/4 inch	50 ft.	\$4.00
9.....	" 1 1/2 or 2 inch	50 ft.	4.00
10.....	" 2 1/4 inch	50 ft.	4.00
11.....	" 1 1/2 or 2 inch	100 ft.	5.00
12.....	" 2 1/4 inch	100 ft.	5.00
13.....	" 1 1/2 or 2 inch	150 ft.	6.00
14.....	" 2 1/4 inch	150 ft.	6.00

For "Rubber Lined Linen" or "Mill" Hose

13.....	For 1 1/2 or 2 inch	50 ft.	\$6.00
14.....	" 2 1/4 inch	50 ft.	6.00
15.....	" 1 1/2 or 2 inch	100 ft.	6.50
16.....	" 2 1/4 inch	100 ft.	7.00

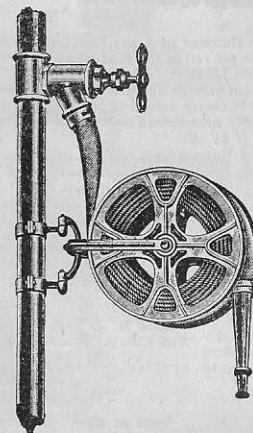
NOTE:—Nos. 15 and 16 will carry heavy hose of almost any make in fifty foot lengths.

Swinging Hose Reel



Style "A"

No. of Reel	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Size of Hose	1 1/4 in. 1 1/2 in.	2 in.	2 1/2 in.	1 1/4 in. 1 1/2 in.	2 in.	2 1/2 in.
Unlined Linen	175 ft.	150 ft.	150 ft.	250 ft.	250 ft.	275 ft.
Rubber-Lined Cotton	50 ft.	50 ft.	50 ft.	100 ft.	100 ft.	100 ft.
Price.....	\$5.50	6.00	6.50	7.00	7.50	8.50

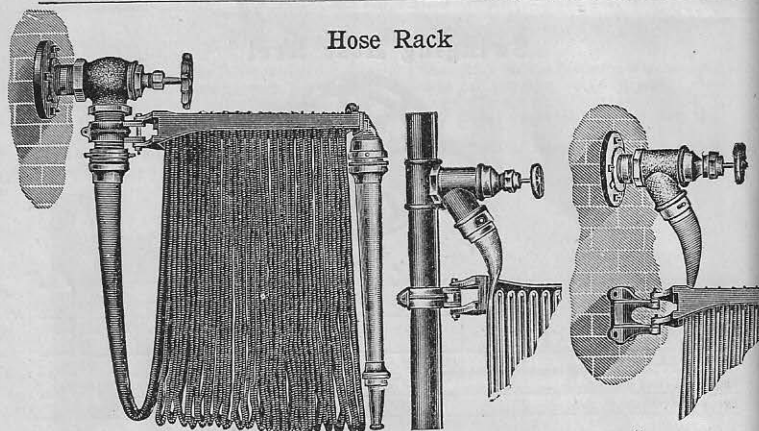


Style "C"

The Style "C" Reel is made more particularly for unlined linen hose. It is of the swinging variety and is used for unlined linen hose only.

No. of Reel	No. 13	No. 14	No. 15	No. 16
Size of Hose	1 1/4 in.	1 1/2 in.	2 in.	2 1/2 in.
Unlined Linen	50 ft.	50 ft.	50 ft.	50 ft.
Price.....	\$5.50	5.50	6.00	6.50

Hose Rack



Style "G"

This is the latest thing in the way of a pin hose rack for unlined linen hose. By an ingenious arrangement the pins do not fall to the floor when the hose is payed out, but are caught by a latch which is tripped by the hose.

The rack is enameled red, but may be finished in Nickel-plate or other style if desired. It is furnished with iron pipe nipple (if the coupling is iron pipe thread) without extra charge, but if the thread is other than iron pipe thread we furnish a brass nipple with special thread at the bottom at a nominal charge of \$1.00.

No. 51	50 ft.	1½ in.	Unlined linen hose	\$5.00
No. 52	50 ft.	2 in.	"	5.00
No. 53	50 ft.	2½ in.	"	5.00
No. 54	100 ft.	1½ in.	"	6.00
No. 55	100 ft.	2 in.	"	6.00
No. 55	100 ft.	2½ in.	"	6.00

Hose Rack

Style "F"

Same as "G" except arranged to attach to stand pipe with clamp. Prices same as above.

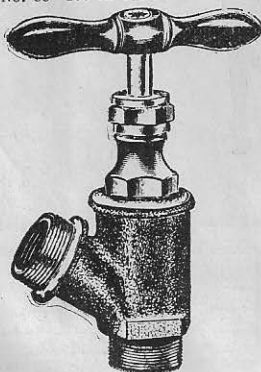
Hose Rack

Style "E"

Same as style "G" except arranged to attach to the wall. Prices same as style "G."

Hose Valves

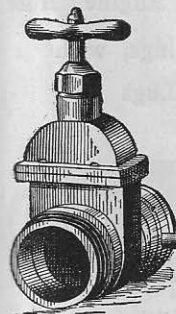
Size	Price
1 inch	\$3.00
1½ inch	3.50
1½ inch	4.50
2 inch	6.50
2½ inch	8.00



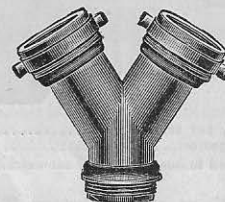
Hydrant Gate

This gate is for attaching to one opening of the hydrant while the hose is being attached to the other. The Gate then being closed, another lead of hose may be connected to it and water obtained without it being necessary to close the stream in use.

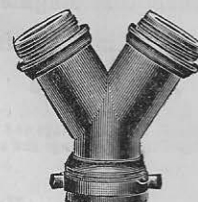
Price.....\$12.00



Plain Siamese Connections



One stream into two



Two streams into one

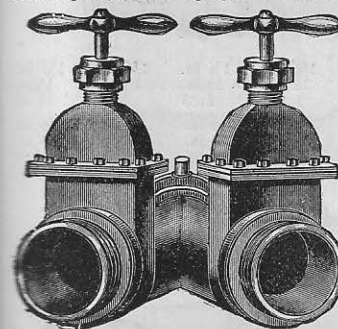
Made for dividing one stream into two, or uniting two streams into one. In ordering be sure to specify for which purpose it is intended. Price each.....\$10.00

Siamese Connections with Gates

Made to unite two streams into one, or divide one stream into two.

No.

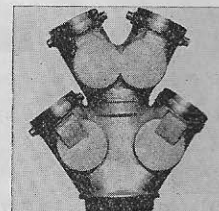
1-2½ in. female and 2½ in.x2½ in. male	\$25.00
2-3 in. female and 2½ in.x2½ in. male	30.00
3-3½ in. female and 2½ in.x2½ in. male	35.00
4-4 in. female and 2½ in.x2½ in. male	35.00
5-4½ in. female and 2½ in.x2½ in. male	40.00

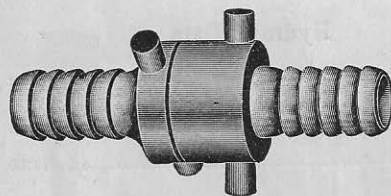


Automatic Siamese

Made of composition metal with clapper valves.

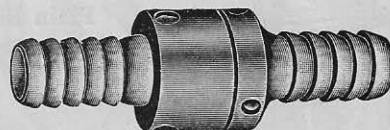
2 way	each	\$22.00
3 way	each	35.00
4 way	each	65.00





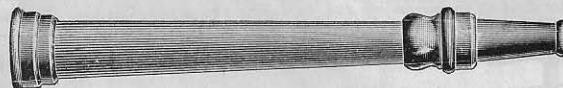
Chemical Engine Hose
Couplings, with
Lugs

Chemical Engine Hose
Couplings, without
Lugs



Size $\frac{3}{4}$ inch, couplings and sleeves, per set.....\$1.90
Size 1 inch, couplings and sleeves, per set..... 2.00
Attached to hose \$1.00 per set extra.

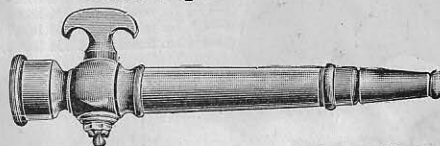
Hose Pipes with Screw Tips



Size	$\frac{3}{4}$ in.	$\frac{3}{4}$ in.	1 in.	1 in.	1 $\frac{1}{4}$ in.	1 $\frac{1}{4}$ in.	1 $\frac{1}{2}$ in.	1 $\frac{1}{2}$ in.
Length	7 $\frac{1}{2}$ in.	12 in.	8 $\frac{1}{2}$ in.	12 $\frac{1}{2}$ in.	12 in.	15 in.	13 in.	15 in.
Price	\$0.75	0.85	0.85	0.90	1.25	1.35	1.45	1.60
Size	2 in.	2 in.	2 in.	2 $\frac{1}{2}$ in.	2 $\frac{1}{2}$ in.	2 $\frac{1}{2}$ in.	2 $\frac{1}{2}$ in.	2 $\frac{1}{2}$ in.
Length	12 in.	15 in.	20 in.	15 in.	20 in.	24 in.	30 in.	36 in.
Price	\$2.50	3.00	3.50	5.00	6.00	7.00	8.00	10.00

NOTE:—In ordering be sure to specify whether iron pipe or hose pipe thread.

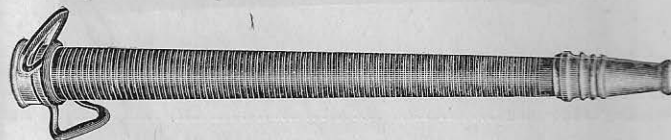
Hose Pipes with Cock



Size	$\frac{3}{4}$ in.	$\frac{3}{4}$ in.	$\frac{3}{4}$ in.	1 in.	1 in.	1 $\frac{1}{4}$ in.	1 $\frac{1}{4}$ in.	1 $\frac{1}{2}$ in.
Length	6 $\frac{3}{4}$ in.	8 in.	12 in.	8 in.	12 in.	12 in.	15 in.	15 in.
Price	\$0.85	1.00	1.25	1.25	1.50	2.50	3.50	4.50
Size	2 in.	2 in.	2 in.	2 in.	2 $\frac{1}{2}$ in.	2 $\frac{1}{2}$ in.	2 $\frac{1}{2}$ in.	2 $\frac{1}{2}$ in.
Length	12 in.	20 in.	25 in.	12 in.	15 in.	20 in.	24 in.	30 in.
Price	\$5.75	6.50	7.75	8.25	10.00	10.50	11.50	12.50

NOTE:—In ordering be sure to specify whether iron pipe or hose pipe thread.

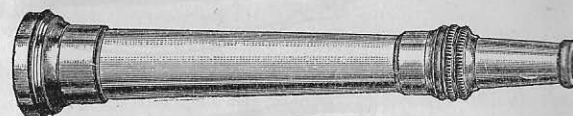
Underwriters' Play Pipe



2 $\frac{1}{2}$ x 30 inches, Screw Nozzle, wound and painted, with metal swivel handles.....\$10.00

Brass Play Pipes, Seamless Tubes

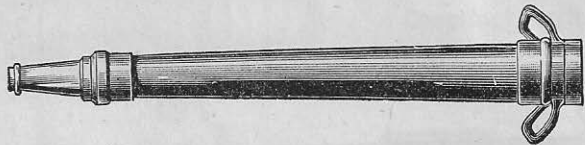
(Without Handles)



2 $\frac{1}{4}$, 2 $\frac{1}{2}$ x 20 inches, Plain butt, screw nozzle, each	\$ 5.00
2 $\frac{1}{4}$, 2 $\frac{1}{2}$ x 24 " " " " " "	5.50
2 $\frac{1}{4}$, 2 $\frac{1}{2}$ x 30 " " " " " "	7.50
2 $\frac{1}{4}$, 2 $\frac{1}{2}$ x 20 " " " fixed nozzle, " "	4.50
2 $\frac{1}{4}$, 2 $\frac{1}{2}$ x 24 " " " " " "	5.00
2 $\frac{1}{4}$, 2 $\frac{1}{2}$ x 30 " " " " " "	7.00
Winding and painting	1.00

Brass Play Pipes, Seamless Tubes

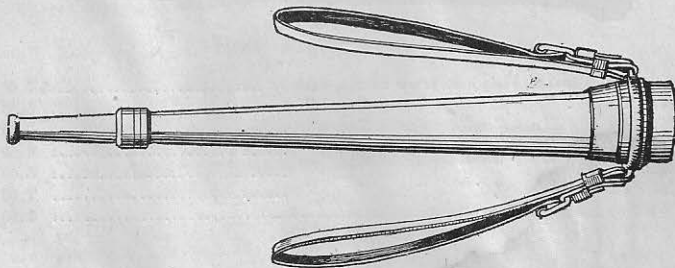
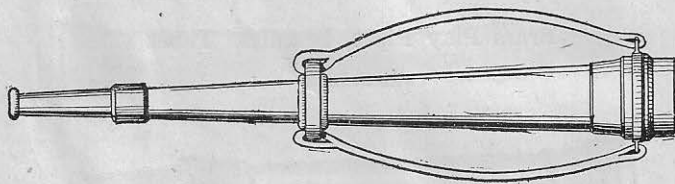
(With Metal Handles)



2, 2¼, 2½ x 30 inches, screw nozzle, metal handles, each	\$ 9.00
2, 2¼, 2½ x 30 " fixed " " " "	8.50
Winding and painting	1.00

Rubber Tube Play Pipes

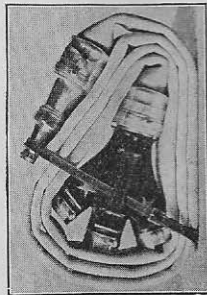
(With Leather Handles)



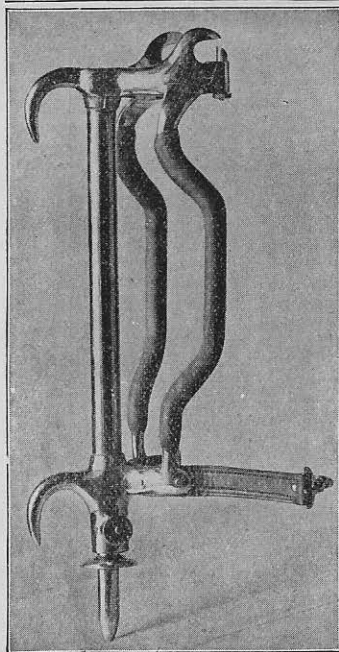
2½ x 36 inches, Rubber Tube, Swivel Handle Play Pipes, each	\$18.00
2½ x 36 " " " " " " " "	18.00



Eastman Four-way Deluge Set, complete, showing our double valve shut-off gate on outlet of siamese, putting the stream in perfect control for changing sizes of nozzles, locations etc., etc. Deluge sets made in five different sizes, two, three, four and Jumbo sizes.

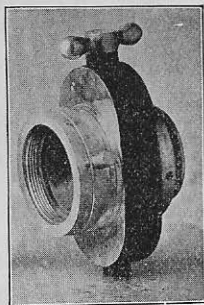


This cut shows the Eastman Three-way Deluge Set with all connections made for carrying on wagon, without shut-off gate. Total weight 36 pounds. Made in two, three, four-way and Jumbo sizes.

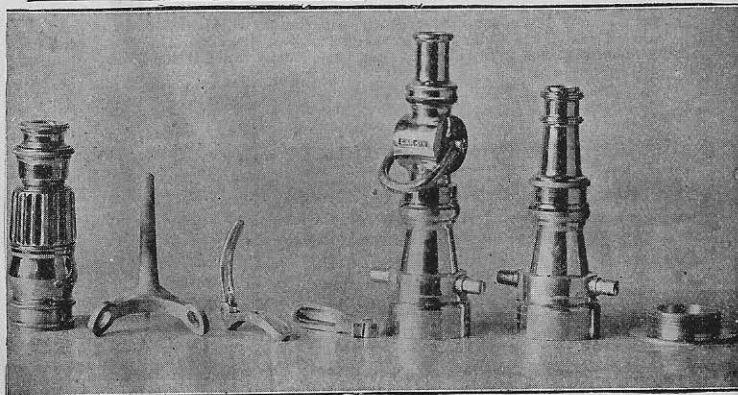


The Eastman double valve Deluge shut-off gate. Weight 7 pounds, used on outlet of siamese.

The Eastman Perfection Holder for single lines of hose. Made in two sizes, 16 and 20 inches.



The cut below shows the Eastman new improved reducer with carrier, showing it with and without the use of shut-off nozzles regardless of make.



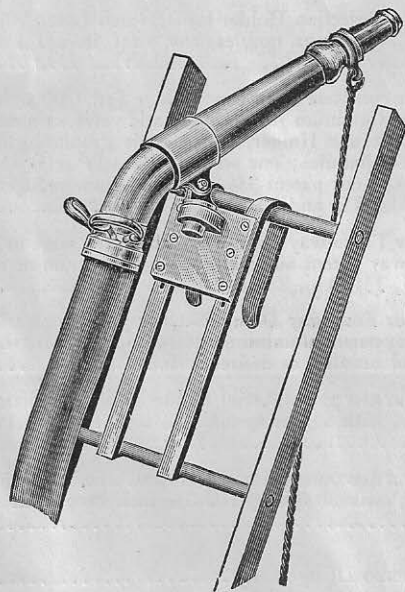
Eastman Nozzle Holders and Deluge Sets

	Price
Outfit No. 1—One Perfection Holder for 2½-inch hose, 1900 style, fitted with our patent electric grounding device, vulcanized rubber handles; our patent reducer, with two sizes of nozzles, from ¾ to 1¼ inches. Highly finished and nickel-plated. Length of holder, either 16 or 20 inches, as desired.....	\$ 50.00
Outfit No. 3—One Perfection Holder for 3-inch hose, complete, same as No. 1, with three nozzles, any sizes from 1¼ to 1¾ inches	60.00
Outfit No. 4—One Perfection Holder for 3½-inch hose, complete, same as No. 1, with four nozzles, any sizes from 1½ to 2½ inches	100.00
Outfit No. 6—Our complete Two-way Deluge Set, 1900 style; our patent two-way aluminum metal automatic valve siamese; our 3½-inch size Perfection Holder, with electric grounding device, vulcanized rubber handles; one section (17 feet) special 3½-inch rubber-lined hose; our patent 3½-inch aluminum reducer, nozzles 1¾, 1½, 1⅝, 1¼ and 2 inches	135.00
Outfit No. 8—Our Three-way Deluge Set, complete, same as No. 6, with our three-way patent automatic valve, aluminum metal siamese; with 1½, 1⅝, 1¾, 2 and 2½-inch nozzles.....	165.00
Outfit No. 10—Our Four-way Deluge Set, complete, same as No. 6, with our four-way patent aluminum metal automatic valve siamese, with five sizes of nozzles, as desired.....	180.00
Outfit No. 11—Our new patent Aerial Ladder Outfit, complete, 1900 style, three-way, with 50 feet special 3½-inch hose, four nozzle sizes	180.00
Outfit No. 12—Our new patent Aerial Ladder Outfit, complete, 1900 style, four-way, with 50 feet special 3½-inch hose, four nozzle sizes.....	200.00
Price of No. 1 Jumbo Deluge Set.....	\$200.00
Price of No. 2 Jumbo Deluge Set.....	225.00

We fit our patent reducer for any style or make of coupling. In ordering, send us a male-end coupling so we may get correct fit for thread. Also thread of shut-off or fancy nozzles, if used. No charge for extra fittings for above on outfits No. 1 and No. 3.

Universal Ladder Nozzle

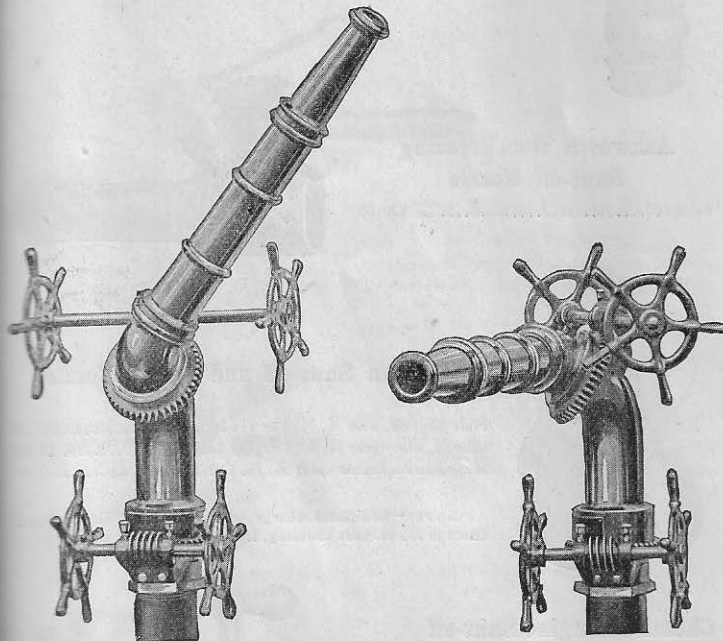
This nozzle can be operated from the ground, or from the ladder. It can be attached either temporarily or permanently. The outfit consists of a special ladder-pipe, with a flexible tube and heavy brass mountings. It is equipped with three tips, assorted sizes, also with pulley and rope for operating ladder from the ground.



Price complete \$ 60.00
 Price, including 50 feet of cotton rubber-lined hose, and one two-way siamese..... 150.00

Babcock Turret Nozzles

These are made of very heavy steam brass, and so arranged that by a system of gears one man can operate under any and all circumstances. The nozzle can be directed with ease to any point of the compass. It is absolutely non-freezing, and never gets out of order. It is particularly adapted to the protection of docks, lumber yards, etc.



Price, as shown in illustration \$200.00
 Price, equipped with water receiving boxes, with necessary connections for attaching to a piece of fire apparatus..... 500.00

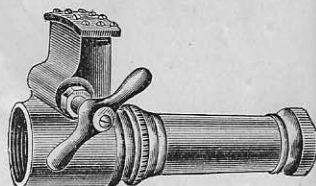


Waldron Shut-off and Spray Nozzles

Waldron, polished brass.....	\$15.00
Waldron brass, N. P.....	17.50

Ashworth Non-Freezing Shut-off Nozzle

Price.....\$20.00



Callahan Shut-off and Spray Nozzles

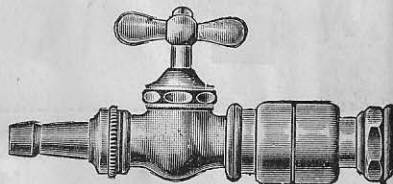
Plain Shut-off, with $\frac{3}{4}$, $\frac{1}{2}$, 1 or $1\frac{1}{2}$ inch tip.....	\$15.00
Shut-off, with spray $\frac{3}{4}$, $\frac{1}{2}$, 1 or $1\frac{1}{2}$ inch tip.....	20.00
Shut-off, with double spray $\frac{3}{4}$, $\frac{1}{2}$, 1 or $1\frac{1}{2}$ inch tip.....	22.00

NOTE:—Additional charge when nozzle to be connected direct to $2\frac{1}{2}$ in. hose coupling, instead of to end of play-pipe.

Chemical Engine Shut-off Nozzle

No key or ground joints; absolutely non-corrodible. It is shut off by one half turn. Includes $\frac{1}{4}$ and $\frac{3}{8}$ inch tips.

Price Complete.....\$10.00



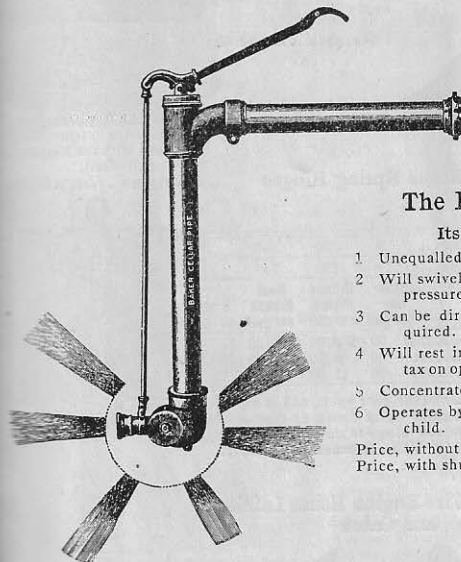
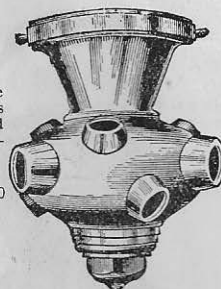
Revolving Cellar Nozzle

Also known as the "Bresnan" Distributing Nozzle

Couple it to the hose, drop it into the cellar, and it does the rest. This nozzle has nine outlets. The water pressure causes the nozzle to revolve automatically, and the streams are discharged in every direction. Small and compact, and much handier for carrying on a truck than the ordinary cellar pipe.

Weight, 7 pounds. Dimensions, $5 \times 7\frac{1}{2}$ inches.

Price.....\$25.00

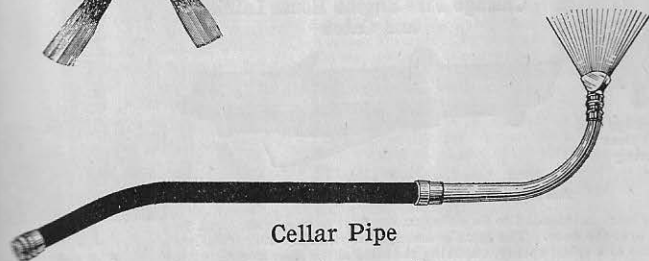


The Baker Cellar Pipe

Its Leading Points are:

- 1 Unequalled distance throwing; over 100 feet.
- 2 Will swivel in any direction; not affected by pressure.
- 3 Can be directed at any angle; no effort required.
- 4 Will rest in position on its own center; no tax on operator.
- 5 Concentrates the stream.
- 6 Operates by hand lever; can be worked by a child.

Price, without shut-off\$ 75.00
Price, with shut-off 100.00



Cellar Pipe

Price.....\$25.00



Automatic Rubber Respirator

Has a perfect filter device, large capacity, and will keep out dust, smoke, fumes and gases. It is made of soft white rubber, and is easily kept clean.

Price, each\$2.00

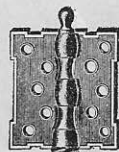


Gas Tight Rubber Goggles

Are made of a single piece of pure gum rubber; fit anybody AIR TIGHT, and are worn with the Respirator when desired.

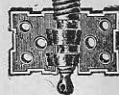
Price, each\$1.50

Chicago Fire Engine House Spring Hinges



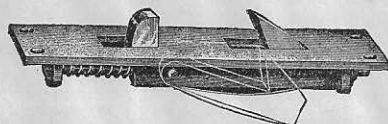
Surface Hinge No....	9	39	49	59
Mortise Hinge No....	19	139	149	159
	Japan- ned per pair	Bronze Plated per pair	Real Bronze per pair	Brass per pair
Stall Doors.....	\$3.00	\$ 7.00	\$13.00	\$13.00
Front Doors.....	5.00	8.50	19.00	19.00
extra heavy	7.00	11.00	25.00	25.00

This hinge throws the door open, and is especially adapted to fire engine house doors, as they are held shut and require the hinge to throw the door open when released. Are for right or left hand doors.



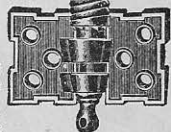
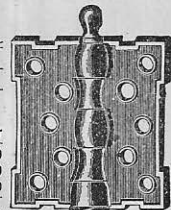
Chicago
Stall Door
Spring

Chicago Fire Engine House Latch and Catch



No. 1229 Iron Japanned, each\$1.50
No. 1230 Polished Brass or Bronze Metal, each. 4.00

This latch is intended to fix either on the floor or to a brace from the ceiling over the door. The latch is arranged to slide in a keeper against the action of a spiral spring, checking the force of the door in striking it and holding it against rebound. Adapted for doors thrown open with spring hinges.



Chicago
Engine House
Door Spring



Oily Rag and Waste Can

Hundreds of fires every year are due to the careless disposition of oily waste. An adequate supply of these cans conveniently located, and a strict enforcement of orders regarding their use, will protect you from an ever-threatening danger. The cans are made of galvanized iron and are self-closing.

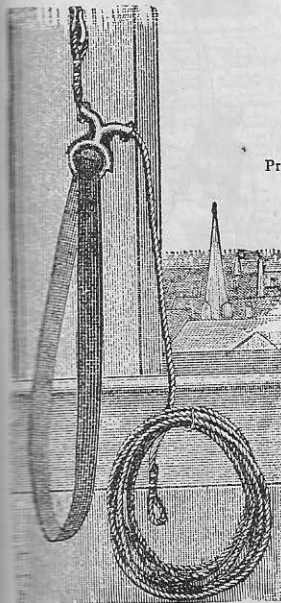
Price, per dozen\$30.00

Fire Bucket



Regulation Flexible Rubber, with stiffened bottoms.

Price, per dozen\$24.00



The "Small" Portable Fire Escape

Place the belt under the arms; throw the coil of rope out of the window and hold on to the long rope to control the speed of descent. When one person has descended, the Escape may be pulled up to window and reversed. In this way any number of people may descend, at intervals of a few seconds.

The Escape is made of rolled, pressed steel, and aside from the rope weighs only seven ounces. Useful for travelers, as it occupies very little room in a trunk. The rope is 3/8-inch manila and is especially made for the purpose. In ordering, specify distance from window-sill to ground. Unless otherwise specified, 60 feet of rope will be sent with each Escape.

Price, (including 60 feet of rope each).....\$3.00
Extra rope, per foot......03

Wilson Portable Fire Escape

(Self-Operative)

Adapted to Any Weight. No Adjusting Necessary. Reversible; When One Person Has Descended It is Ready for Another

You don't have to hold on—IT HOLDS YOU.

You don't need any strength.

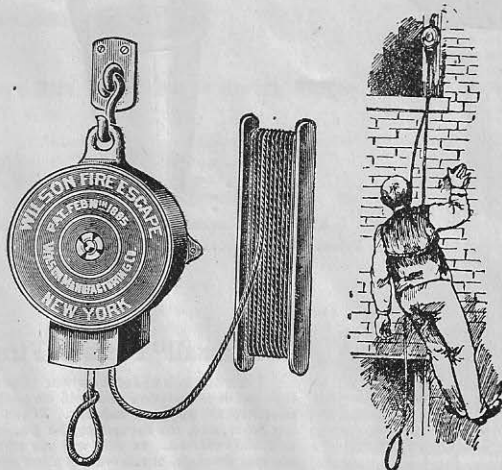
You don't need any skill.

You don't need any judgment.

You don't NEED ANYTHING, and you don't have to DO ANYTHING after you have once slipped the loop at the end of the rope under your arms.

Can be packed in a trunk when traveling.

Has been used for many years BY THE NEW YORK FIRE DEPARTMENT, and thousands of residences, apartments and hotels are equipped with it.



With each Escape is included one hook and the following amount of rope:

No. 1.....60 feet No. 2.....75 feet No. 3.....100 feet

Prices

No. 1—Traveler's Size, each.....	\$ 5.00
No. 2—Residence and Hotel Size.....	8.00
No. 3—Fire Department Size.....	12.00
Extra Rope, per foot.....	.03
Extra Hooks, each.....	.25
Belts (if desired).....	1.50

Blymyer Bells

Description

The metal from which the Blymyer bell is cast, and from which is derived its peculiar sweetness of tone and surpassing strength, is a composition used only by ourselves. This metal, consisting largely of an extra quality of fine steel, is the outcome of long years of incessant experiment, and is absolutely unlike any other metal used in bell founding.

The Blymyer bell not only differs absolutely from all others in its composition, but equally so in its modeling and proportions, and its uniformly fine tone is entirely due to this happy combination of form and substance. The Blymyer bell is unlike any other bell; is indeed, as a matter of fact, strictly a class by itself.



Warranty

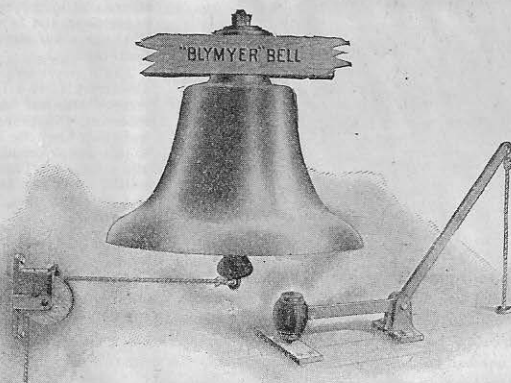
We absolutely guarantee our bells to be in every particular as described in catalogue; to be of good tone and satisfactory to the purchaser in every way, and in sizes from twenty-four inch to fifty-four inch inclusive, not to break for FIVE YEARS while being rung or tolled in the proper manner. In case of breakage after the expiration of the time of such warranty, we allow for a broken bell one-half price in exchange for a new one. A written warranty, with full and clear instructions for hanging and operating the Blymyer bell, accompanies each shipment.

BLYMYER BELLS—Mounted

(Including Tolling Hammer)

Size Diameter	Weight of Bell	Weight of Bell and Mountings	Size of Frame Outside			Diameter of Wheel	Price
24 inches	375 pounds	550 pounds	3 feet	0 inches x 3 feet	4 inches	36 inches	\$ 90.00
"	450 "	700 "	"	" x 3 "	"	42 "	105.00
"	550 "	800 "	"	" x 3 "	"	42 "	125.00
"	650 "	950 "	"	" x 3 "	11 "	48 "	145.00
"	800 "	1100 "	"	" x 4 "	2 "	52 "	170.00
"	900 "	1200 "	"	" x 4 "	4 "	52 "	190.00
"	1000 "	1400 "	"	" x 4 "	6 "	62 "	220.00
"	1100 "	1500 "	"	" x 5 "	1 "	62 "	250.00
"	1325 "	1800 "	"	" x 5 "	4 "	68 "	280.00
"	1500 "	2200 "	"	" x 5 "	5 "	68 "	325.00
"	1750 "	2500 "	"	" x 5 "	8 "	72 "	375.00
"	2000 "	2900 "	"	" x 6 "	1 "	78 "	450.00

"Blymyer" Fire Alarm Bells (Without Tolling Hammer)



Diameter	Weight	Price
24 in.	155 lbs.	\$ 28.00
26 in.	200 "	35.00
28 in.	250 "	42.00
30 in.	300 "	55.00
32 in.	375 "	65.00
34 in.	450 "	80.00
36 in.	550 "	95.00
38 in.	650 "	115.00
40 in.	800 "	140.00
42 in.	900 "	160.00
44 in.	1000 "	185.00
46 in.	1100 "	210.00
48 in.	1325 "	240.00
50 in.	1500 "	270.00
52 in.	1750 "	310.00
54 in.	2000 "	360.00

These prices include clapper, hanging bolt, washer and two rope sheaves.
The weights given designate the pattern; actual weights vary about three per cent.
Tolling striker for bells twenty-four to thirty-six inch, \$5.00 extra; larger sizes, \$10.00.



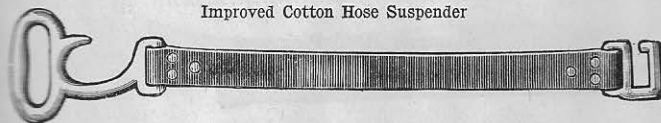
Schneider Hose Shut-off

This hose shut-off saves valuable time at a fire whenever it is necessary to do any of the following things:

1. Remedy a burst in the hose.
2. Lengthen the line.
3. Put water tower or cellar pipes at work when lines are already in service.
4. Put in a siamese.

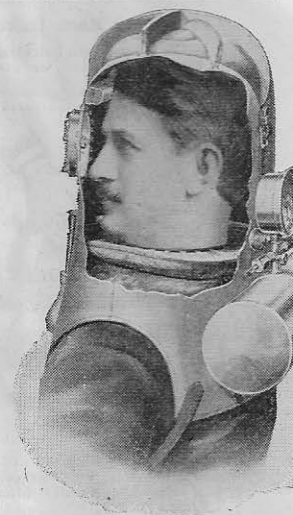
All this can be done without shutting down and starting up the engine.
Price each.....\$25.00

Hose and Ladder Strap Improved Cotton Hose Suspender



Of woven cotton with malleable galvanized iron trimmings.
Light and strong, easily carried and quickly attached to the hose, with the handle always in the right position.

Price per doz.....\$ 8.00
Leather Hose and Ladder Straps, Price per doz.....\$12.00



Vajen-Bader Helmet

Affords perfect protection from smoke of kinds, ammonia, coal gases, etc. The weight of the helmet rests on the shoulders of wearer.
Air is furnished from a compressed air tank on the helmet.

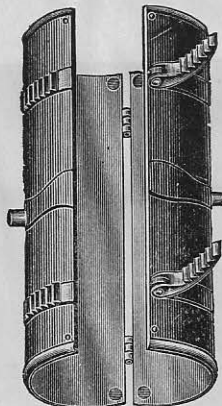
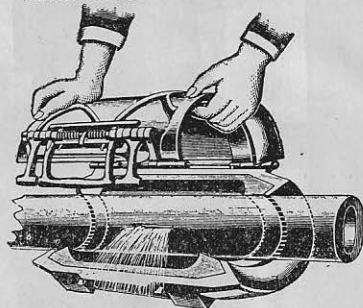
No. 1 with 1 hour supply tank, price...\$125
No. 2 with 2 hour supply tank, price... 137
No. 3 with 3 hour supply tank, price... 150

BABCOCK FIRE EXTINGUISHER COMPANY

The Cooper Hose Jacket

This jacket is easily and quickly applied. In an emergency it can be used as a "Universal Coupling."

Price.....\$25.00



Iron Hose Jacket or Hose Leak Stop

A simple device for stopping leaks or bursts in hose. It is lined with rubber, and is provided with racks on the outside, which so securely bind the hose that the water cannot escape. Can be applied or removed instantly. Made for 2 and 2½ inch hose.

Price, each.....\$3.00

Combined Tin Roof Cutter and Plaster Hooks



72 inch straight handle

Price.....each, \$4.00

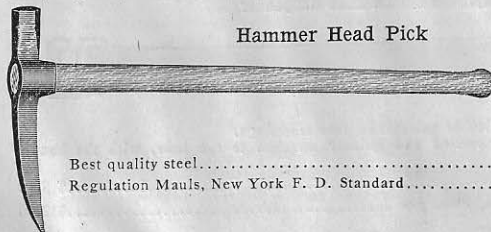
Tin Roof Cutter



30 inch spade handle

One of the best tools yet invented. No hook and ladder company should be without it. Price, drop forged.....each, \$3.50

Hammer Head Pick



Best quality steel.....per doz. \$18.00
Regulation Mauls, New York F. D. Standard.....per doz. 24.00

BABCOCK FIRE EXTINGUISHER COMPANY

Crow Bars

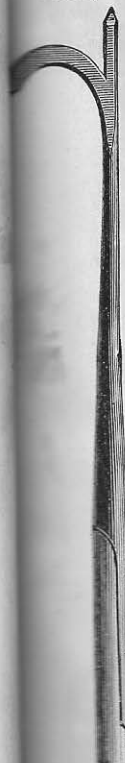
Made of best tool steel



Painted, price.....
Painted, with ring, Fire Dept. style, price.....
Nickel-plated, price.....
Nickel-plated with ring, Fire Dept. style, price.....

Fire Hooks

	For Buildings	For Fire Depts.
6 feet long.....	\$2.00	\$3.50
8 ".....	2.25	4.00
10 ".....	2.50	4.50
12 ".....	2.75	5.25
14 ".....	3.25	6.00
16 ".....		7.00
18 ".....		8.00
20 ".....		9.25



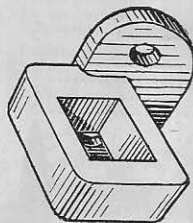
Fire Axe

For Buildings

6 lb. pick head.....each \$2.50
6 lb. pick head.....each 2.00

8 lb. flat head.....each \$2.00
6 lb. flat head.....each 1.75

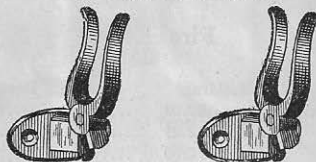
Crow Bar Holders



Japanned.....	per set	\$1.50
Polished Brass.....	" "	3.00
Nickel-plated.....	" "	4.00

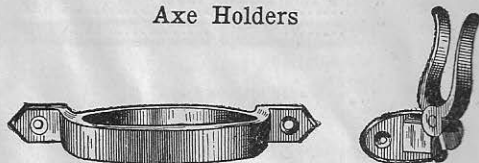


Fire Hook Holders



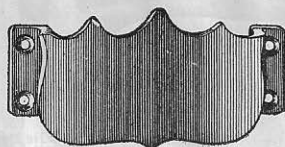
Japanned.....	per set	\$2.00
Polished Brass.....	" "	3.00
Nickel-plated.....	" "	4.00

Axe Holders



Japanned.....	per set	\$2.00
Polished Brass.....	" "	3.00
Nickel-plated.....	" "	4.00

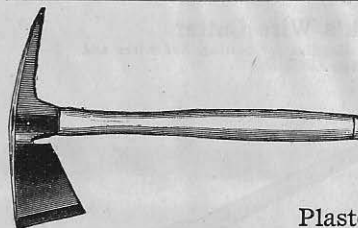
Regulation Fire Axe Holders Protecting the Axe Blade



Japanned.....	per set	\$0.40
Polished Brass.....	" "	.50
Nickel-plated.....	" "	.75

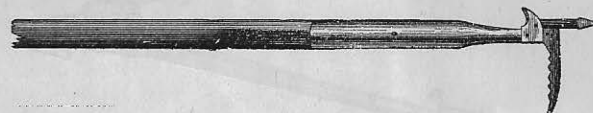


Pompier Hatchets



15 inches long. Per dozen.....\$18.00

Plaster Hook



Japanned, with 8-foot Ash Pole, each.....	\$7.50
Nickel-plated, with 8-foot Ash Pole, each.....	9.00
Without Pole, deduct.....	1.50

Combination Plaster Fork and Metal Ceiling Remover

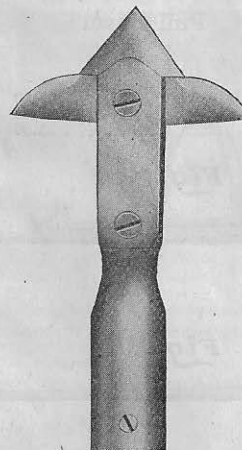


Figure No. 1

Illustrating the tool as it stands ready for use, or after penetration, ready to remove the obstruction.

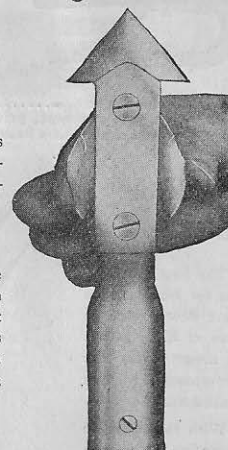


Figure No. 2

Illustrating the position of the tool when being used or when the blades strike a surface that is to be removed. These knives regain their original position automatically by the use of a spring.

Fig. 1

Fig. 2

This tool will penetrate plaster and lath easily. It is useful in removing or securing openings in metallic ceilings, removing hay or any other obstructions to get at the fire.

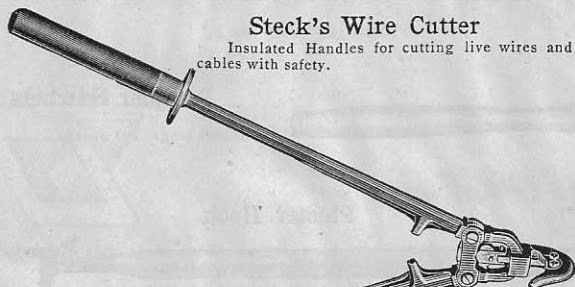
Made of tool steel, drop forged, spear head, knife sharp, blade on each side also sharp.

The blades close so as to admit of entrance into the opening desired to be made, and open automatically when entered, tearing away the obstructions when being withdrawn.

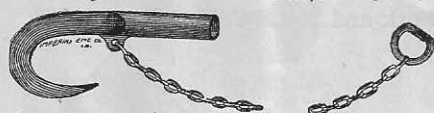
Price, with 8 foot pole.....	\$10.00
Longer pole, additional per foot.....	.25

Steck's Wire Cutter

Insulated Handles for cutting live wires and cables with safety.



Price, Painted.....each \$22.00
Price, Nickel-plated.....each 25.00



Pull Down Hook

Hook and chain, price.....\$15.00
Hook, chain, pole and rope, price.....20.00
Hook, pole and chain, extra heavy, price.....25.00

"Detroit" Door Opener

The best device in use for forcing open store doors, etc., in case of fire. In use in almost every fire department in the United States.

With this valuable invention, doors can be forced open quickly without breaking the glass.

Price, painted.....each \$10.00
Price, nickel-plated.....each 15.00

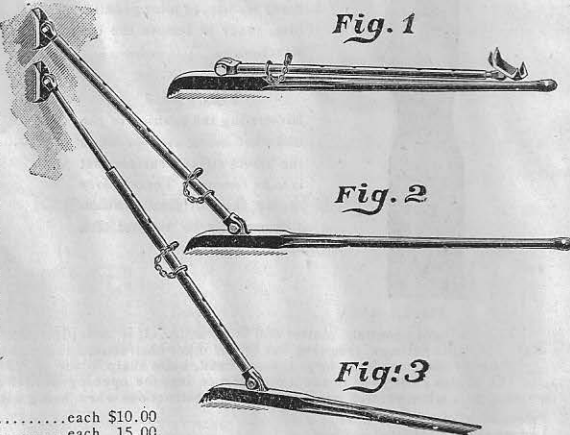
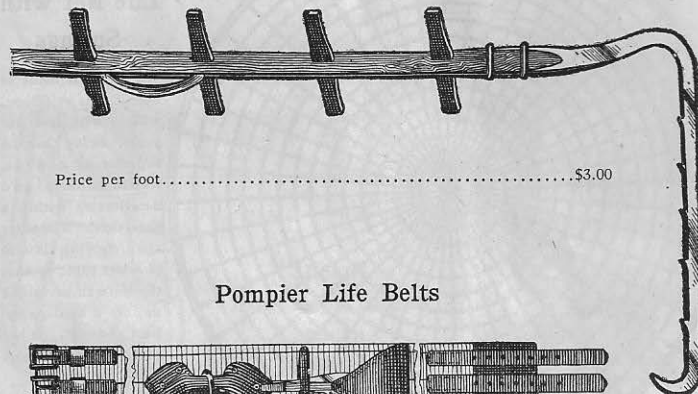


Fig. 1

Fig. 2

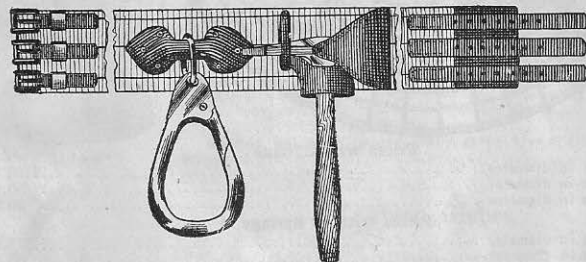
Fig. 3

Pompier Ladders



Price per foot.....\$3.00

Pompier Life Belts

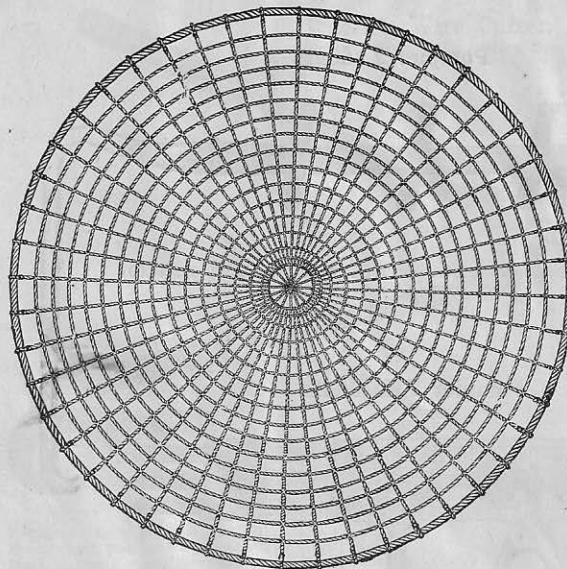


These belts are used by ladder men, and allow for free use of both hands. They are invaluable in case of accident while on ladder.

Price, complete\$18.00
Price, without hatchet and sheath.....15.00

Life Lines

Braided Italian Hemp with one loop, 100 ft., price.....\$ 7.50
Braided Italian Hemp with one loop, 125 ft., price.....10.00
Price for extra loop.....1.00



Life Net with Springs

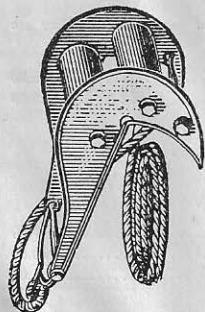
The Net is made of best Russia bolt rope, which will last for years, being much superior to canvas, which mildews and deteriorates within a short time. The outer circumference is also of heavy rope, so that the Net can be folded up into a small, compact bundle, and carried on a hose wagon or truck.

Prices with Springs

No. 4—10 feet in diameter.....	\$100.00
No. 5—9 feet in diameter.....	90.00
No. 6—8 feet in diameter.....	80.00

Prices without Springs

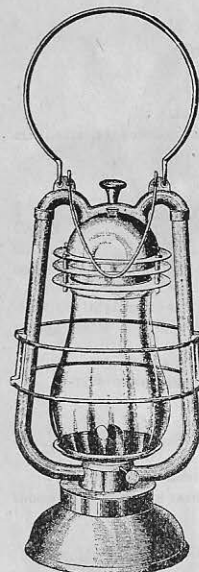
No. 1—10 feet in diameter.....	\$75.00
No. 2—9 feet in diameter.....	65.00
No. 3—8 feet in diameter.....	55.00



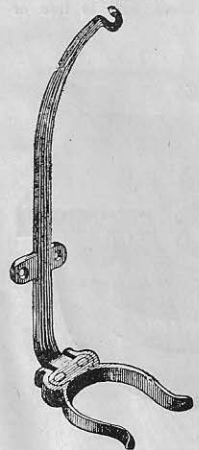
The Celebrated "Bresnan" Hose Hoist

With this apparatus, hose and ladders can be hoisted to the roof or any floor with one-third the number of men now required to do the same work. In use in all the largest fire departments.

Price, complete..... \$15.00



"Eclipse"



"Eclipse" Fire Department Lantern (Tubular)

The most durable Lantern for Fire Departments and General Use.

Cannot be Blown Out

Will not jar out when carried on apparatus.

Smoke does not affect it.

All brass, polished, price each \$6.50

All brass, nicked, price " 7.50

"Dietz" Fire Department Lantern (Tubular)



"Dietz"

1. Brass, nickel-plated	\$4.50
2. Brass.....	4.00
3. Tin, heavy, with copper oil pot, all nickel-plated	3.50
4. Tin, heavy, with copper oil pot.....	3.00
Colored Bull's-eye Lenses, (ruby, green, blue or yellow) on perforated plates.....	.40

Lantern Globes

Clear.....	each	\$ 0.25
Green.....	each	\$0.75
Blue.....	each	.75
Ruby.....	each	1.00
Bull's eye Globe, plain.....	doz.	3.50
Bull's eye Globe, colored bull's eye.....	doz.	12.00
Plain engraving, per letter.....		.10

Prices on special engravings on application.

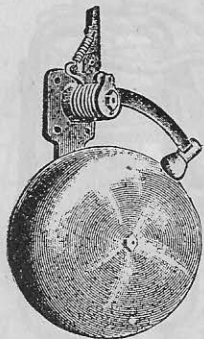
Lantern Holder for Apparatus

This is the strongest and best Holder made. Has strong double spring, which prevents lanterns getting loose by any possibility.

Iron, Japaned.....	each	\$1.50
polished Brass.....	"	3.00
Nickel-plated Brass.....	"	3.50

When ordering, specify for what make of lantern.

Automatic Wheel Striking Gong



Gongs are nickel-plated. Fittings are painted or aluminum bronzed as preferred.

Prices

With 8 inch Gong, nickel-plated.....	\$12.00
“ 10 “ “ “ “	14.00
“ 12 “ “ “ “	16.00

On two-wheeled apparatus, the Gong stands upright; on four-wheeled apparatus it lies horizontally on rear axle under spring block.

The following information should accompany an order:

If Gong Is Two-Wheeled Apparatus

1. Diameter or size of frame.
2. Distance from wheel hub to frame.
3. Diameter of wheel (side nearest frame).
4. Specify whether wheel hub is iron or wood.

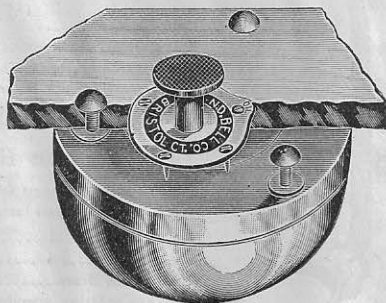
If Gong Is Four-Wheeled Apparatus

1. Distance from centre of spring block to wheel hub.
2. Diameter of rear axle.
3. Diameter of wheel hub (side nearest frame)
4. Specify whether wheel hub is iron or wood.

"New Departure" Rotary Gong

Strikes from 10 to 12 strokes with each pressure of foot. Also made for pull cord attachment.

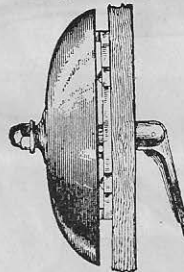
Finished in either heavy nickel-plate
or polished metal.



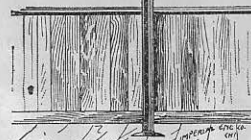
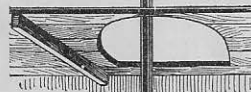
Prices

9 inch diameter	\$20.00
11 " "	23.00
13 " "	25.00
Special style for Chief's buggy..	25.00

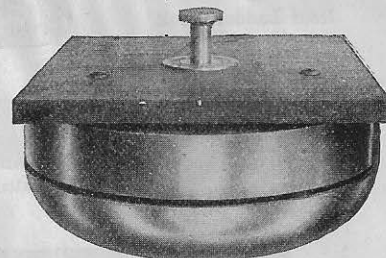
Foot Gong
Single Stroke



8 in.	bell metal, price complete	\$12.50
10 "	" "	14.00
12 "	" "	15.00
14 "	" "	16.50
16 "	" "	20.00



The Multiple Stroke Gong



Constructed on entirely different principles to any gong on the market, the Multiple Stroke Gong is without a rival for Fire Department use. It is the noisiest gong ever made and its clear, penetrating sound cannot be mistaken for anything else.

Each pressure of the foot strikes three blows in rapid succession, and when the foot is moved quickly the result is a continuous volley of blows, each one clear, distinct and penetrating, unlike anything ever before heard on the streets. With a Multiple Stroke Gong under foot you will not be mistaken for a street car, an automobile, or a milk wagon. Its reverberating clangs means danger and strike fear into a teamster two blocks away.

12 inch, price.....	\$23.00
14 inch, price.....	25.00

Sliding Poles

Of seamless brass, in various sizes

2 inch outside diameter, price.....	per ft.	\$1.25
2½ inch outside diameter, price.....	"	1.50
3 inch (Regulation) outside diameter, price.....	"	1.75
Base for same, price.....	each	2.50
Top ornament, price.....		2.50

Landing Pad

New and Improved



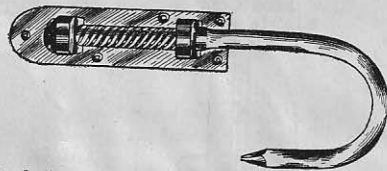
The weight of the man descending expels the air from the numerous air tubes. This furnishes the necessary "give" and elasticity. The tubes have flat bases which prevent any possible turning of the ankle.

Price, 22 inch diameter,.....	\$20.00
Price, 18 inch diameter.....	15.00

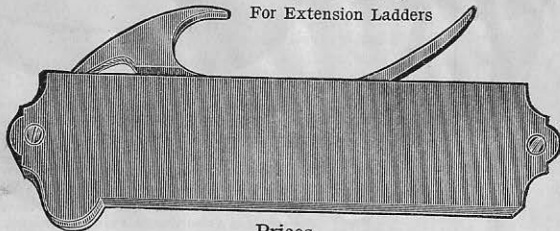
Roof Ladder Hook

"Standard" Folding Ladder Hook

Price, per pair.....\$6.00



Ladder Lock (Automatic)
For Extension Ladders

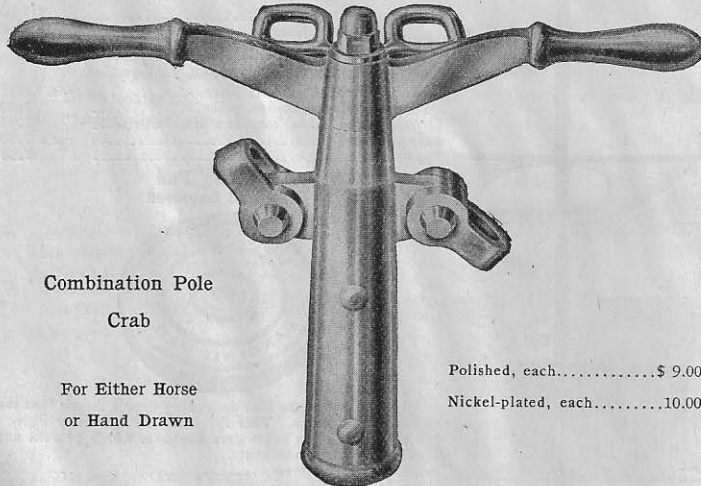


In Four
Sizes

Prices

Per Pair

No. 1.	For short extension ladders, not over 25 feet.....	\$12.00
No. 2.	For ladders 25 to 50 feet.....	20.00
No. 3.	For ladders 50 to 70 feet.....	25.00
No. 4.	For aerial ladders 75 to 80 feet.....	35.00



Combination Pole
Crab

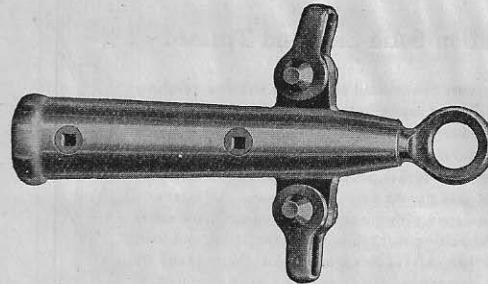
For Either Horse
or Hand Drawn

Polished, each.....\$ 9.00

Nickel-plated, each.....10.00

Pole Crab

For Either Two or
Three-Horse Hitch



Polished

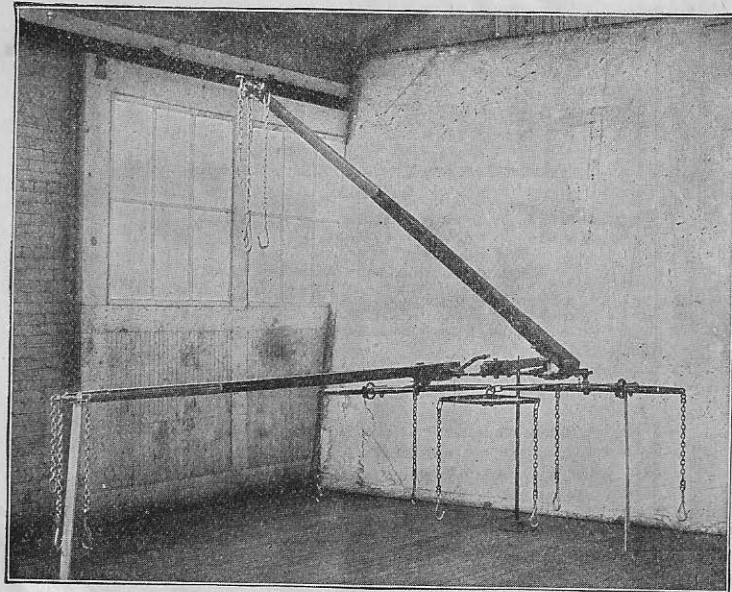
Each.....\$8.00

Nickel-plated

Each.....\$9.00

Three-Horse Hitch

Counter-balancing Style. Equalizing the Draft.



Price, complete.....\$150.00

Regulation Solid Side and Trussed

All ladders are constructed of the best and most carefully selected material and are as light as possible consistent with safety. The ladders are made of Oregon Pine, thoroughly seasoned by natural methods under our own supervision for a period of from four to five years before using. The ladder rungs are of second growth natural cured ash. All extension ladders are equipped with the most approved automatic safety locks, and the raising mechanism is of the latest and most approved pattern. All ladders are ironed at the ends and are strengthened laterally by iron cross rods placed at proper intervals. Ladders are well finished with blackened ends, and the length of the ladders are clearly marked in relief on the black background at the ends.

Single or Wall Ladders—Solid Side

40 to 50 ft. long, per ft.	\$1.50
30 to 39 ft. long, per ft.	1.25
10 to 29 ft. long, per ft.	1.00

Inside Extension Ladders—Solid Side

12 to 25 ft. long, per ft.	\$1.50
----------------------------	--------

Extension Ladders—Rope and Pulley, Rapid Hoist Solid Side

16 to 35 ft. long, per ft.	\$1.50
40 to 65 ft. long, per ft.	2.00

Single or Wall Ladders—Ordinary Trussed

40 to 50 ft. long, per ft.	\$2.00
30 to 39 ft. long, per ft.	1.80
10 to 29 ft. long, per ft.	1.60

Inside Extension Ladders—Ordinary Trussed

12 to 25 ft. long, per ft.	\$2.25
----------------------------	--------

Extension Ladders—Rope and Pulley, Rapid Hoist Ordinary Trussed

16 to 35 ft. long, per ft.	\$2.25
40 to 65 ft. long, per ft.	3.00

Roof Ladders

Add to price of single ladders the price of ladder hooks according to style desired, viz:—

Plain Stationary Hooks, per ladder	\$4.00
Folding Hooks, per ladder	6.00

"American La France" Trussed Ladder

This ladder is an improvement over the ordinary trussed ladder in several important respects. The rungs are set into blocks between the rails, so that neither rail is weakened by holes bored for the rungs.

The blocks themselves also give great stiffness to the ladder, and the truss (lower) rail can be subjected to much greater lateral strain. With this form of construction it will also be noted that the ladder is not materially weakened in the event of either end either burning or breaking off. In case of an accident to one of the ladder rungs, it can be removed by releasing the block holding it, and a new rung can be put in without it being necessary to take the ladder apart.

Single or Wall Ladders—American La France Trussed

40 to 50 ft. long, per ft.	\$2.25
30 to 39 ft. long, per ft.	2.00
10 to 29 ft. long, per ft.	1.75

Inside Extension Ladders—American La France Trussed

12 to 25 ft. long, per ft.	\$2.50
----------------------------	--------

Extension Ladders—Rope and Pulley, Rapid Hoist American La France Trussed

16 to 35 ft. long, per ft.	\$2.50
40 to 65 ft. long, per ft.	3.25

Roof Ladders

Add to price of single ladders the price of ladder hooks according to style desired, viz:—

Plain Stationary Hooks, per ladder	\$4.00
Folding Hooks, per ladder	6.00

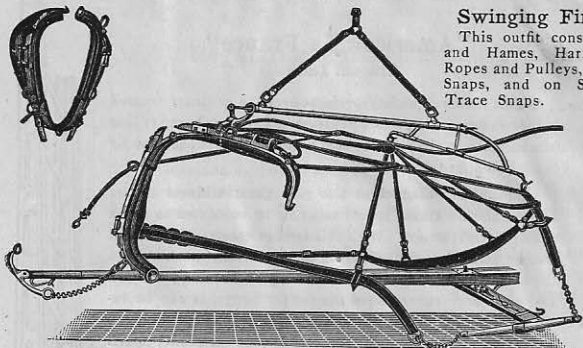
Polishing Oil

A specially prepared oil for removing from brass or nickel work, dirt, grease, or verdigris, and for polishing same. This is the greatest cleanser known to the fire service. Rubbed on the metal and allowed to stand over night, in the morning a soft cloth with polishing compound rubbed very lightly, removes all dirt and gives to the metal a fine and lasting polish.

Polishing Oil, per gallon, price	\$1.50
Polishing Compound, per pound, price	.05

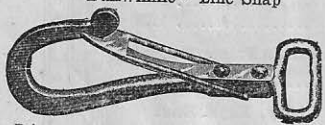
Swinging Fire Harness

This outfit consists of Collars and Hames, Harness, Hangers, Ropes and Pulleys, Weights, Line Snaps, and on Single Harness, Trace Snaps.



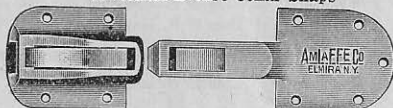
For 2 horses, price complete	Nickel-plated	Polished	Japanned
For 1 horse, price complete	\$125.00	\$120.00	\$120.00
	95.00	93.00	93.00

"Bullwinkle" Line Snap



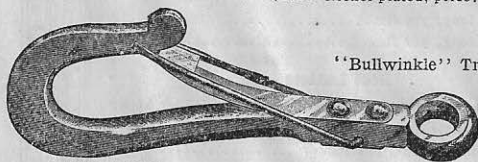
Price, each.....\$2.00

American Breast Collar Snaps



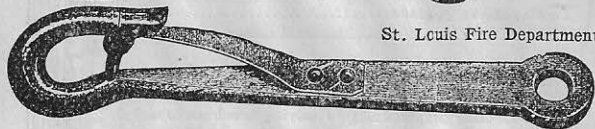
Polished brass, price.....\$2.50
Nickel-plated, price.....3.00

"Bullwinkle" Trace and Breast Snap



Price, each.....\$2.00

St. Louis Fire Department Snap



Price, each.
.....\$2.00

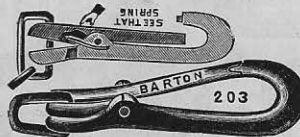
Mogul Draft Springs



With Snap Hooks, price.....	per pair	\$5.50
Without Snap Hooks, price.....	"	5.00
Plain Springs for exercise wagons or light trucks, japanned black.....	"	3.50

Barton Lock Hook

For Heel Chain and Pole Strap. Three Leaf Spring



LOCK HOOK.

With a tight or loose strap or chain, this snap is always locked and will stay locked until you open it with your hand. In taking hold of the snap, tip the heel upward and press on the tongue with the thumb and the snap will readily open. This snap has a smooth dove-tailed nose, destroying any possibility of a strap being caught. For swinging harness only. Nickel finish.

Prices

Per Doz.

No. 203, for Heel or Pole Chain.....	\$12.00
No. 203, for 1 1/2 inch Pole Strap.....	12.00
No. 203, for 1 3/4 inch Pole Strap.....	12.00

Barton Quick Hitch Snap

Four Leaf Spring

Prices

(Nickel Finish) Per Doz.

No. 223, for 1 1/2 inch Pole Strap.....	\$10.00
No. 224, for 1 3/4 inch Pole Strap.....	10.00
No. 213, for 2 inch Pole Strap.....	10.00
No. 205, for Pole and Heel Chain.....	10.00



QUICK HITCH

Barton Emergency Snap

Four Leaf Spring



This Emergency Snap is all that its name implies. If a spring should break or give out on the old fashioned snap, if a trace or pole chain should separate, if a repair link at either end of pole or trace chain gives way, you will find the Barton Emergency Snap equal to the emergency. The break is mended in an instant and will stay mended until such time as will enable you to permanently repair the damage. Nickel finish.

No. 217, for any purpose, per dozen.....\$10.00

Barton Fire Department Line Snaps

Three Leaf Spring

No. 221, 1 inch Line Snap, nickel finish, per dozen.....	\$10.00
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Barton Bridle Bit Snap

Two Leaf Spring

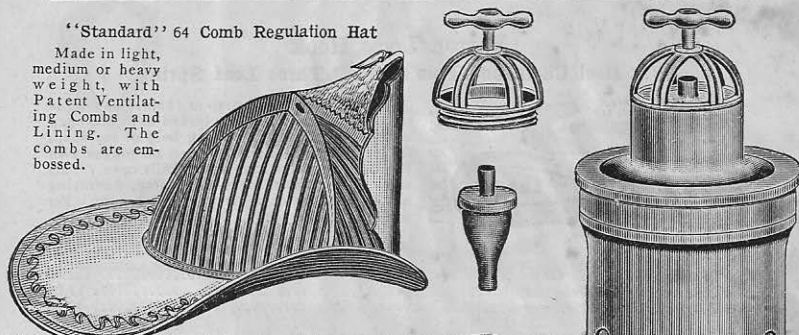


No. 318, 3/4 inch Snap, japan finish, per dozen.....\$.6

BABCOCK FIRE EXTINGUISHER COMPANY

"Standard" 64 Comb Regulation Hat

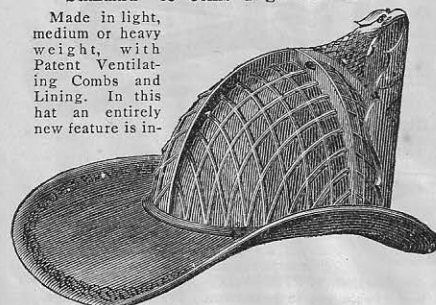
Made in light, medium or heavy weight, with Patent Ventilating Combs and Lining. The combs are embossed.



Black, price, each.....\$6.00
Colors, price, each..... 6.50

"Standard" 68 Comb Regulation Hat

Made in light, medium or heavy weight, with Patent Ventilating Combs and Lining. In this hat an entirely new feature is in-



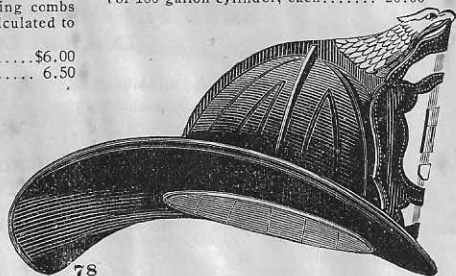
troduced, namely, that of curving and intersecting the small combs, thereby producing the handsome effect as shown in the cut. The design adds not only beauty, but strength, as the intersecting combs constitute a series of cross bracings calculated to give stiffness to the skull of the hat.

Black, price, each.....\$6.00
Colors, price, each..... 6.50

"Standard" 8 Comb Regulation Hat

Made in light, medium or heavy weight, with Patent Ventilating Combs and Lining.

Black, price, each.....\$5.00
Colors, price, each..... 5.50



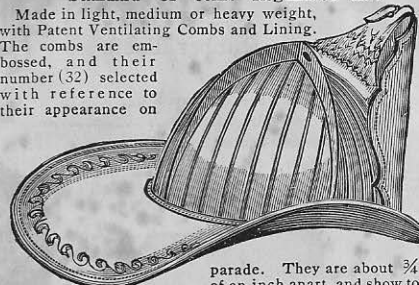
"Champion" Engine Acid Receptacle Acid Receptacles For "Babcock," "Champion" and "Holloway" Chemical Fire Engines

For 35 gallon cylinder, each..... \$15.00
For 40 gallon cylinder, each..... 15.00
For 50 gallon cylinder, each..... 15.00
For 55 gallon cylinder, each..... 15.00
For 60 gallon cylinder, each..... 18.00
For 80 gallon cylinder, each..... 18.00
For 100 gallon cylinder, each..... 20.00

BABCOCK FIRE EXTINGUISHER COMPANY

"Standard" 32 Comb Regulation Hat

Made in light, medium or heavy weight, with Patent Ventilating Combs and Lining. The combs are embossed, and their number (32) selected with reference to their appearance on



parade. They are about $\frac{3}{4}$ of an inch apart, and show to much better advantage than if the number were greater. It is decidedly the handsomest regulation hat we make, and is becoming more popular every season.
Black, price, each..\$6.00 Colors, price, each..\$6.50

Cut showing the construction of fire hat.



No. 16—Oval Front



No. 17—Shield Front



No. 18—Raised Number



No. 19—Sunk Number



No. 21—Raised Number

Hat Fronts or Shields

Either Style furnished regularly with helmets. (When ordering helmets specify what shield is desired.)

Rubber Boots

Fireman's Special Storm King,	
per pair.....	\$5.25
Fireman's Special Short	
per pair.....	\$4.50



Rubber Coats

Price each.....\$4.50



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