

THE  
Globe Gas Light Company

OF BOSTON.

(INCORPORATED 1874.)

CONTRACTORS FOR  
LIGHTING STREETS,

MANUFACTURERS AND DEALERS IN

All Kinds of Plain and Fancy Copper, Copper  
and Brass, and Tin Street Lanterns,

FOR COAL GAS, NAPHTHA GAS AND KEROSENE,  
LAMP POSTS (Iron and Wood),

Mill, Lawn and Stable Lanterns,

*Naphtha and Oil Vapor Illuminating Torches,*

PLUMBERS' FURNACES,

AUTOMATIC TORCHES FOR PAINTERS' USE AND OTHERS

Laboratory Lamps, Naphtha and Kerosene Burners,  
Globe Naphtha, &c.

---

OFFICE AND WAREROOMS,  
77 & 79 UNION STREET,  
BOSTON.

ISAAC STEBBINS, *President,*

SUMNER WHEELER, *Treasurer.*

D. W. LEE, *Agent.*

# PHOTOMETRICAL TEST.

BY R. OGDEN DOREMUS, M. D., LL. D., OF NEW YORK CITY.  
COLLEGE OF THE CITY OF NEW YORK, CORNER LEXINGTON  
AVE. AND TWENTY-THIRD STREET.

NEW YORK, January 5, 1877.

MR. HUGH N. CAMP, *Treasurer.*

DEAR SIR:—Last month Hon. Alan Campbell, Commissioner of Public Works of New York City, in behalf of the Board of Officers designated by the City Charter to make provision for the lighting of the public lamps of the City, consisting of the Mayor, the Comptroller, and the Commissioner of Public Works desired me to make a *Photometrical Test of the Illuminating Power* of your Naphtha Lamp (the Globe Naphtha Gas Lamp).

I was also requested by Mr. S. McCormick, Superintendent of Lamps and Gas, to make *Comparative Tests with two Gas Burners, such as are used by the Gas Companies on the City Lamps.* One was a lava “fish tail” tip with a brass plug or check, the other was a brass “bat wing” tip with a brass plug or check. The Gas of the Manhattan Company’s Works was used under a pressure, as desired, of one inch of water; the temperature of the Photometrical room was 48° Fahrenheit.

The lava “fish tail” burner consumed 3.2 cubic feet of gas per hour, and furnished a light equal to 9.07 candles. The brass “bat wing” burner, with check, burnt 2.68 feet per hour, and gave equivalent to 6.69 candles, while the *Globe Naphtha Gas Lamp*, when tested by the Bunsen Photometer, yielded a light equal to 14.54 candles.

Besides this *excess of Illuminating Power, owing to the construction of your Lamp, it has a decided advantage over our City Lamps in windy and stormy weather, as it is much less liable to have the light extinguished.*

The cheapness of the Naphtha light, as compared with that of ordinary illuminating Gas, is well known. In towns and around private residences in the country, and where gas pipes are not laid, your simple, safe and effective device will at once commend itself.

I have the honor to remain,


Your obedient servant,

R. OGDEN DOREMUS, M. D., LL. D.,

*Professor of Chemistry and Physics in College, City of New York, and  
Professor of Chemistry and Toxicology in Bellevue Hospital Med. College.*

# THE GLOBE GAS LIGHT COMPANY.

## Contractors for Lighting Streets.

 HIS Company is prepared to contract to Light the Streets of Cities and Towns in a most satisfactory manner, furnishing a Gas Light, **equal in brilliancy to Coal Gas**, and cannot be distinguished from it.

*Our Specialty* in Street Lighting, is by the Naphtha process, and the same has been adopted and successfully operated in more than 500 cities and towns for a period of twelve years, giving the best of satisfaction, as shown by numerous testimonials in our possession.

The apparatus consists of a cylinder-shaped tank placed upon the outside of the lantern, a connecting tube, water trap, and burner or gas generator, all of which can be attached to any lantern. The tank can be filled to burn the required number of hours, the light going out when the supply is consumed, one pint of Globe Naphtha giving a *clear, white gas light* for at least five hours. *The light is not affected by the weather.*

The only vapor burners for this purpose, which have stood the severest test, and are of any practical value, are owned and controlled by this Company, which is one of the oldest kind, founded upon a solid basis, and thereby enabled to undertake contracts of any magnitude, with ample guarantee for faithful performance.

The lighting of cities and towns by this method, and the supplying of material for street lighting purposes, is our sole business. Contracts taken at a specified rate per lamp, the Company furnishing the gas apparatus, material, and employing men to light and take the entire charge of the lamps.

**Our goods** are of the *very best quality and workmanship.*

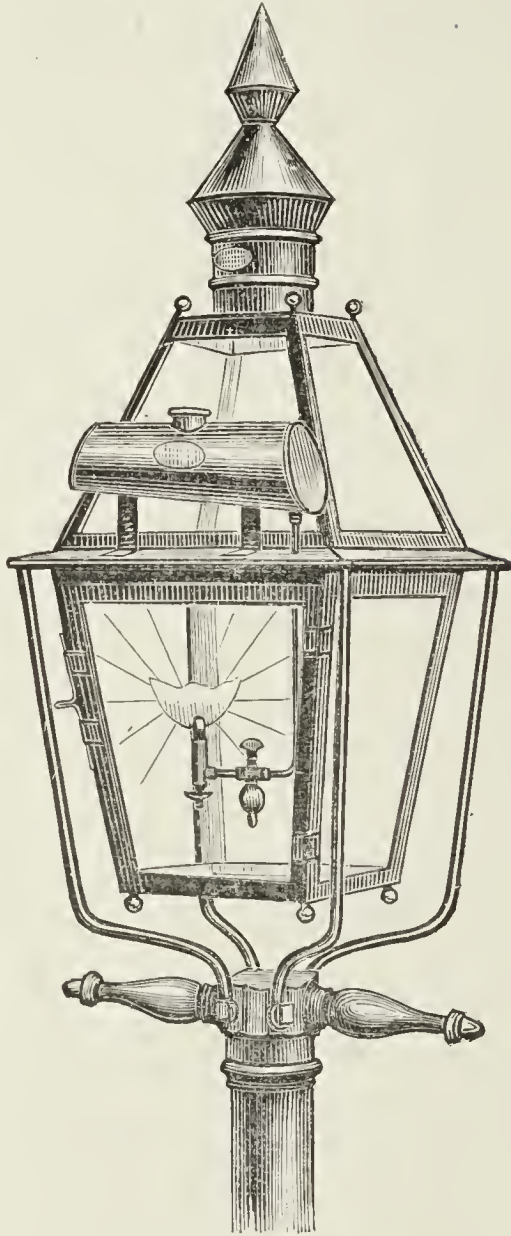
Orders filled with promptness and despatch.

In ordering please refer to *page and number.*

Catalogues upon application.

Office and Warerooms, 77 and 79 Union St., Boston.

No attempt made to magnify our Light with extra and useless appliances.  
 Our Lights are **SELF-EXTINGUISHING**.  
 The fount can be filled to burn the required number of hours, the Light  
 going out when the supply is consumed.



No. 15.

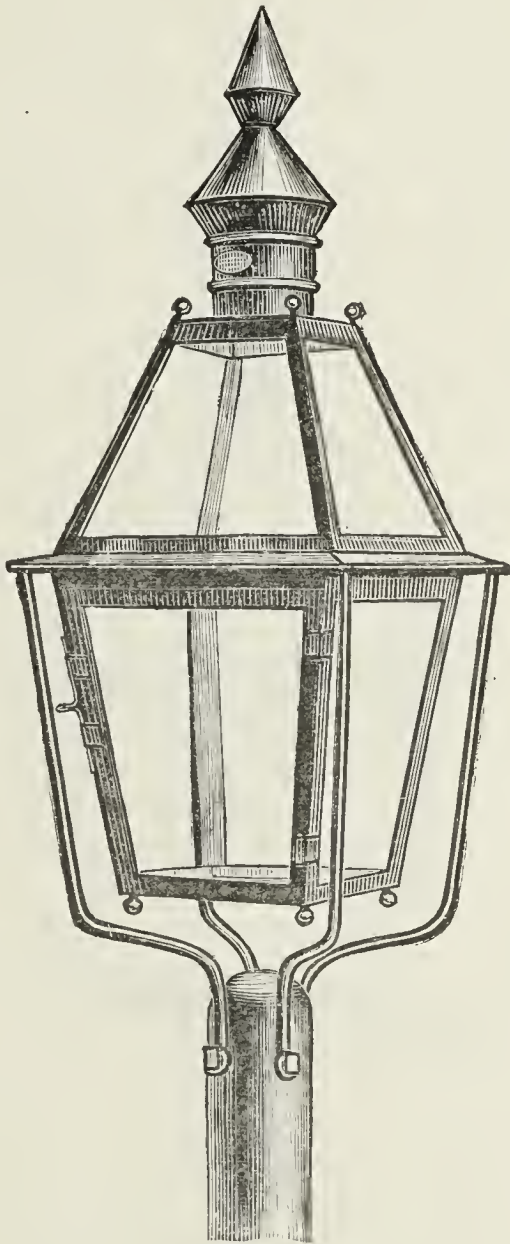
**HEAVY TIN LANTERN.**

Showing Globe Naphtha Fixture attached.

**Light fully Equal to Coal Gas.**

Price comp'ete (except post) \_\_\_\_\_

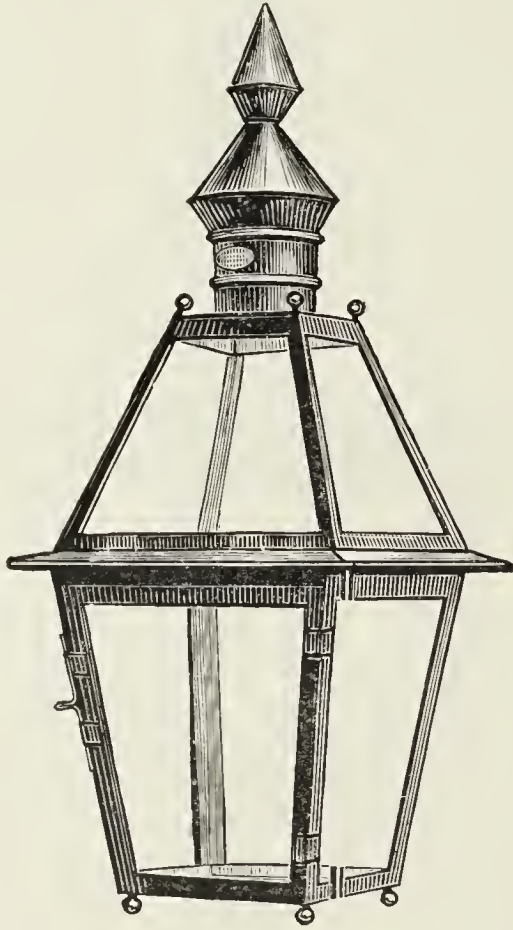
3



No. 15.

HEAVY TIN LANTERN AND FRAME ONLY.

Price. \_\_\_\_\_

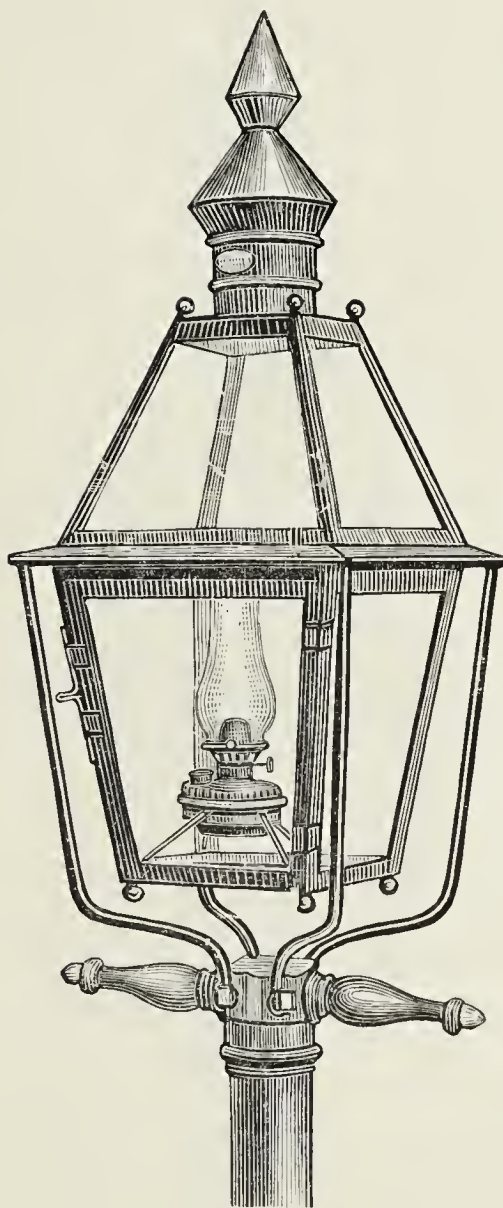


No. 15.

HEAVY TIN LANTERN.

Price, \_\_\_\_\_

No attempt made to magnify our Light with extra and useless appliances.  
Our Lights are **SELF-EXTINGUISHING**.  
The fount can be filled to burn the required number of hours, the Light  
going out when the supply is consumed.



No. 15.

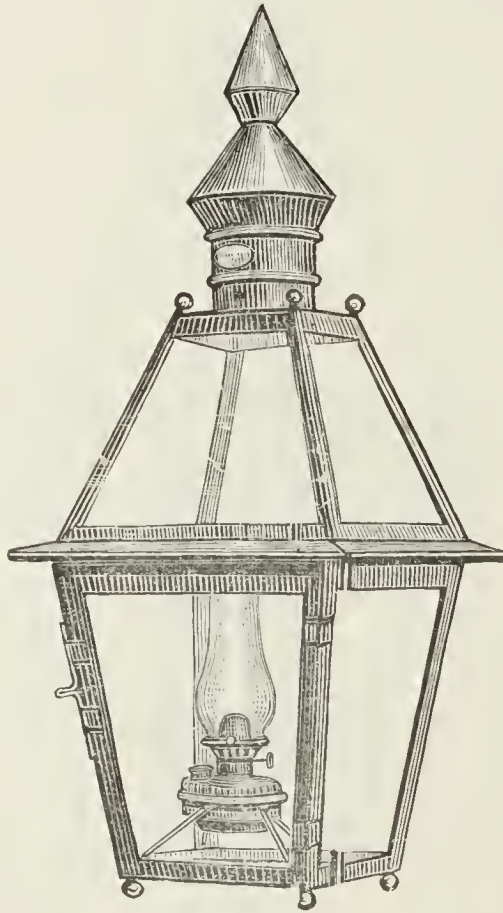
**HEAVY TIN LANTERN,**

With Frame and Oil Lamp.

Our **KEROSENE GOODS** have no superior in their line.

Complete (except post.)

Price, \_\_\_\_\_



No. 15.

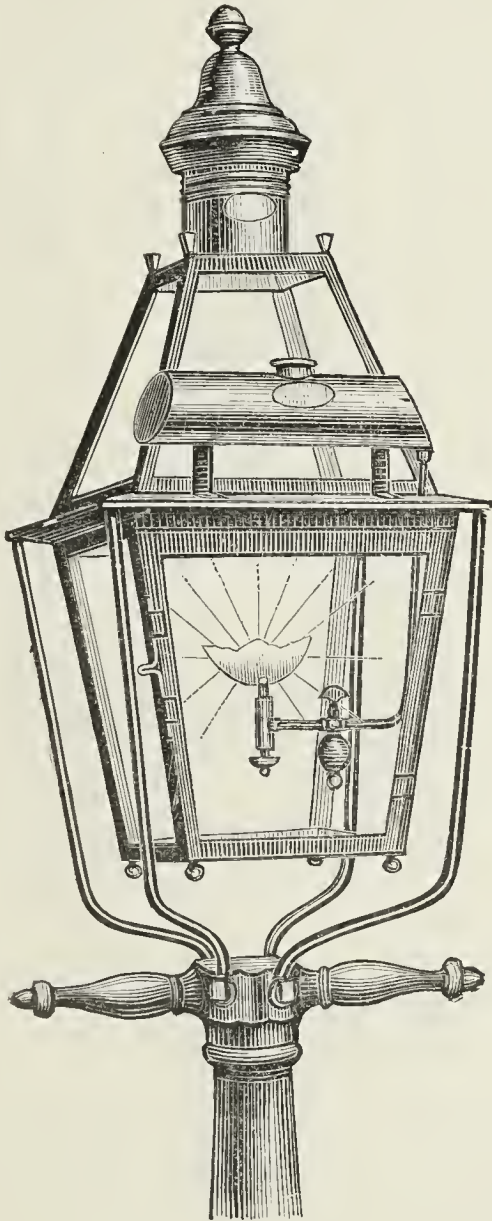
HEAVY TIN LANTERN,

And Oil Lamp.

The Best Kerosene Goods in the MARKET.

Price, \_\_\_\_\_





No. 30.

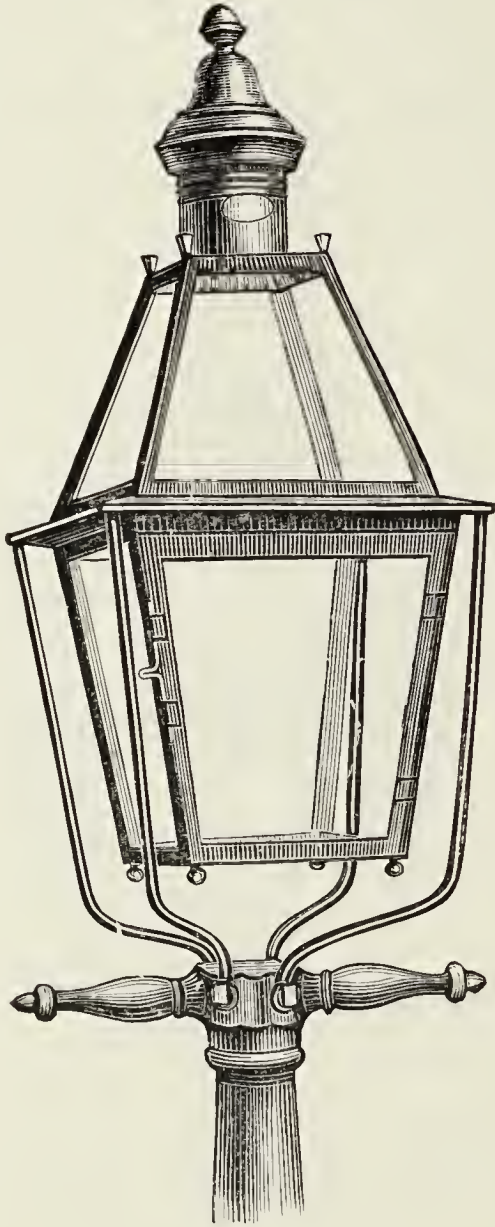
COPPER AND BRASS LANTERN.

Showing Globe Naphtha Fixture attached.

Light fully Equal to Coal Gas.

Price complete (except post).\_\_\_\_\_

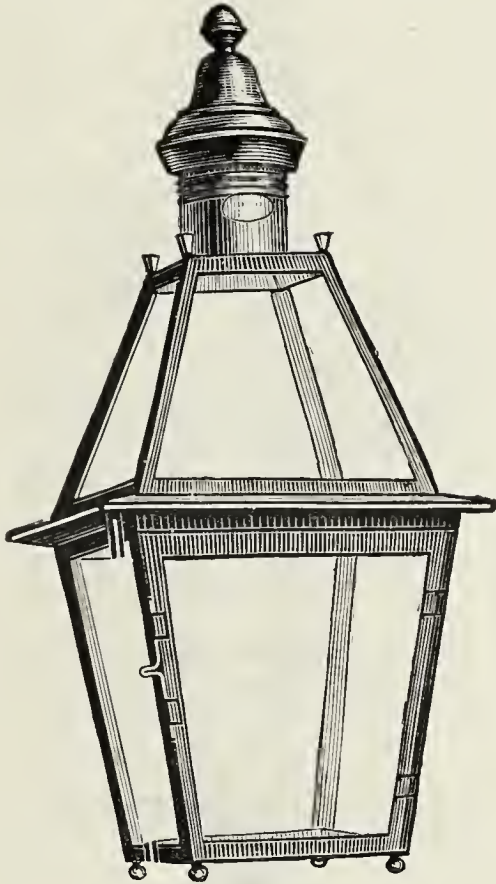
8



No. 30.

COPPER AND BRASS LANTERN,  
And Frame only.

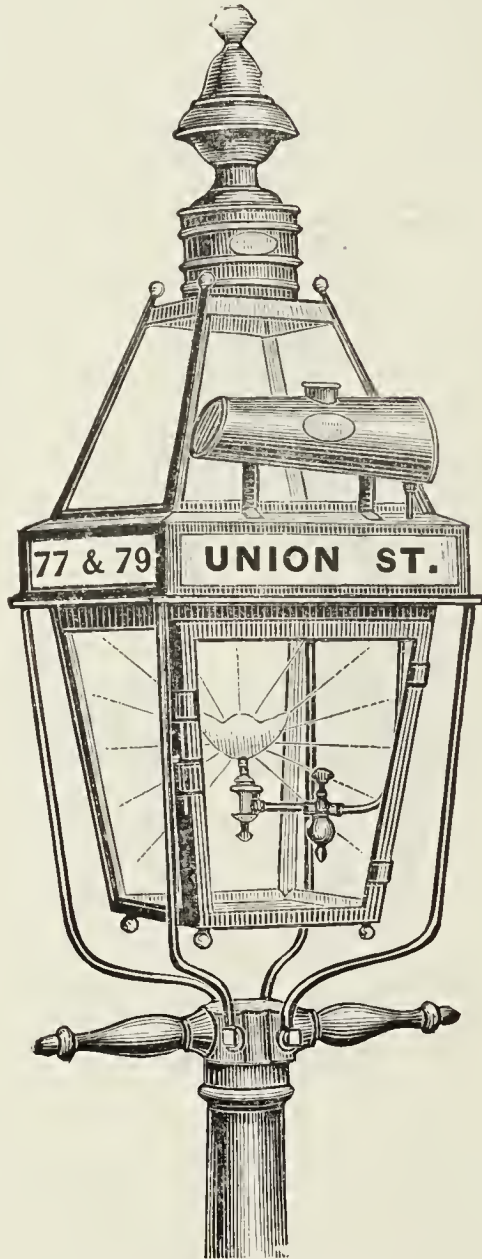
Price, \_\_\_\_\_



No. 30.

COPPER AND BRASS LANTERN.

Price, \_\_\_\_\_



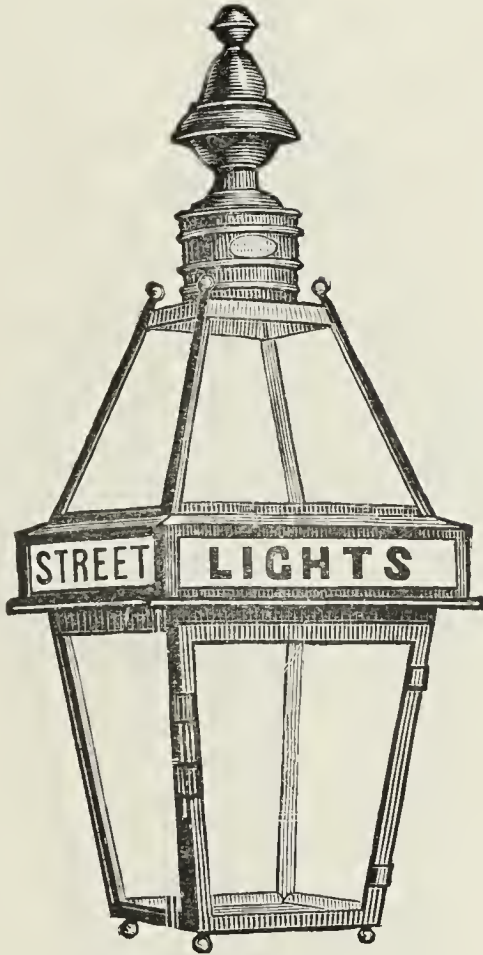
SIGN LANTERN,  
Showing Globe Naphtha Fixture attached.

**Light fully Equal to Coal Gas.**

Copper and Brass, complete (except post), Price, \_\_\_\_\_

Heavy Tin, " " " " \_\_\_\_\_

Cut Glass Signs to order, each. " \_\_\_\_\_



SIGN LANTERN.

Copper and Brass, Price, \_\_\_\_\_

Heavy Tin, " \_\_\_\_\_

Cut Glass Signs, to order, each, " \_\_\_\_\_



EXTRA SIZE SIGN LANTERN.

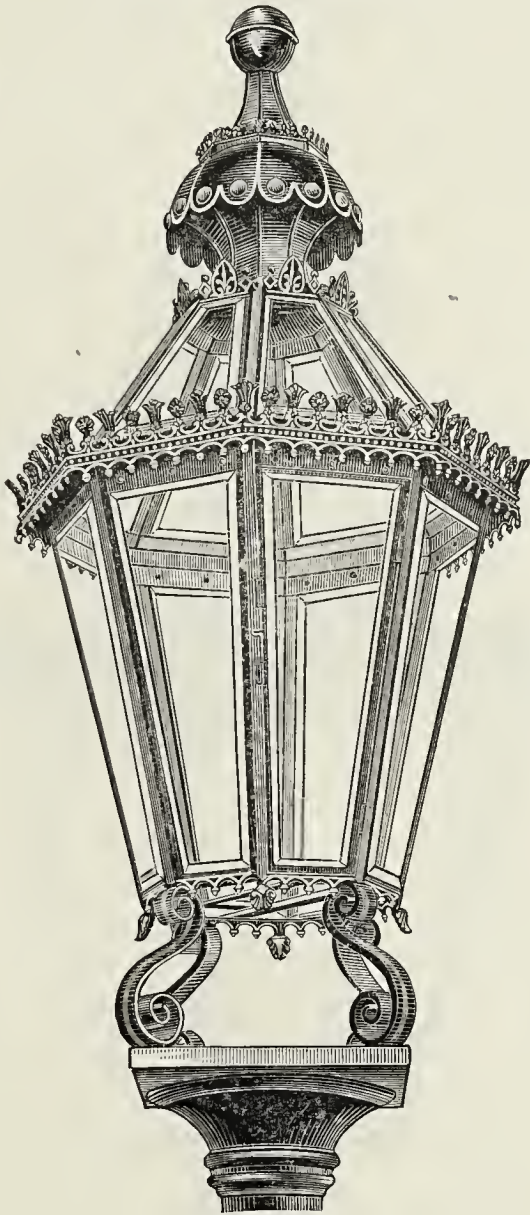
Copper and Brass, Price, \_\_\_\_\_

Heavy Tin, " \_\_\_\_\_

Cut Glass Signs, to order, each, " \_\_\_\_\_

13

THE VENDOME.



OCTAGON.

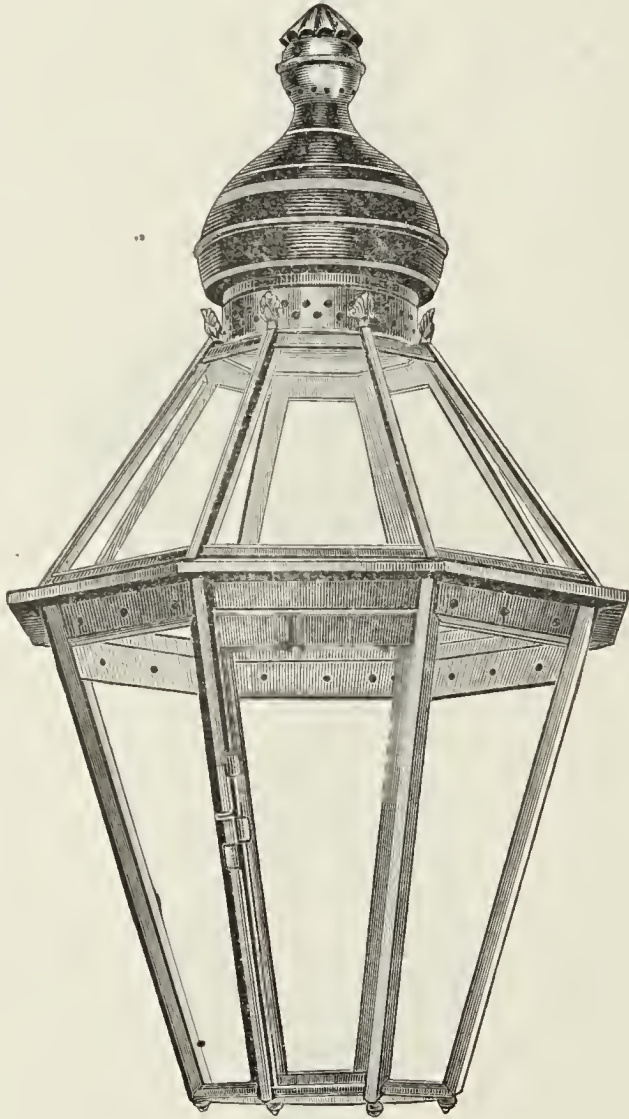
For Hotels, Halls, &c.

*All Copper, Bevel Edge Plate Glass, Elegantly Ornamented.*

Height from top of Post, 4 ft. 3 in. Diameter, 2 ft.

Price, \_\_\_\_\_

CORPORATION.



OCTAGON.

Copper and Brass.

Height, 4 ft. Diameter, 2 ft. 3 in.

Price, \_\_\_\_\_



15  
ELEGANT.



No. 51.

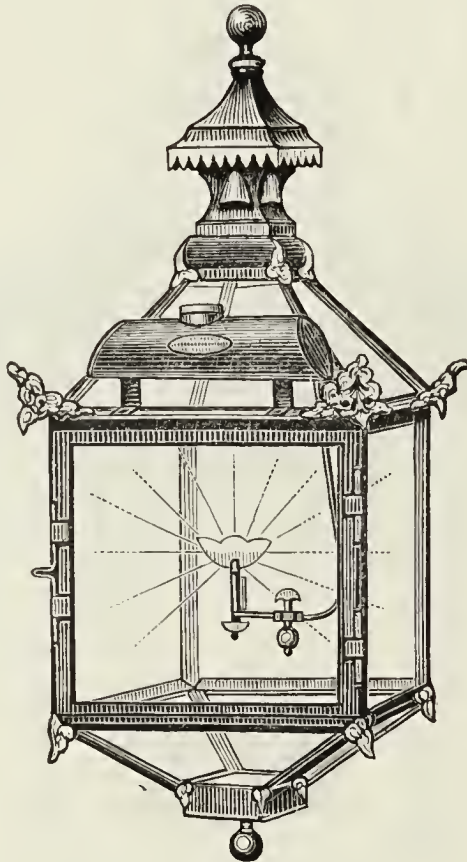
PORCELAIN DOME, COPPER VENTILATOR.

Height, 40 in. Diameter, 20 in.

Price. \_\_\_\_\_

## FANCY SQUARE,

For Naphtha Gas, Coal Gas, or Kerosene.



No. 104.

With Globe Naphtha Fixture attached.

Light fully Equal to Coal Gas.

THREE SIZES.

No. 1, — 14½ in. wide, 3 ft. high, Price, \_\_\_\_\_

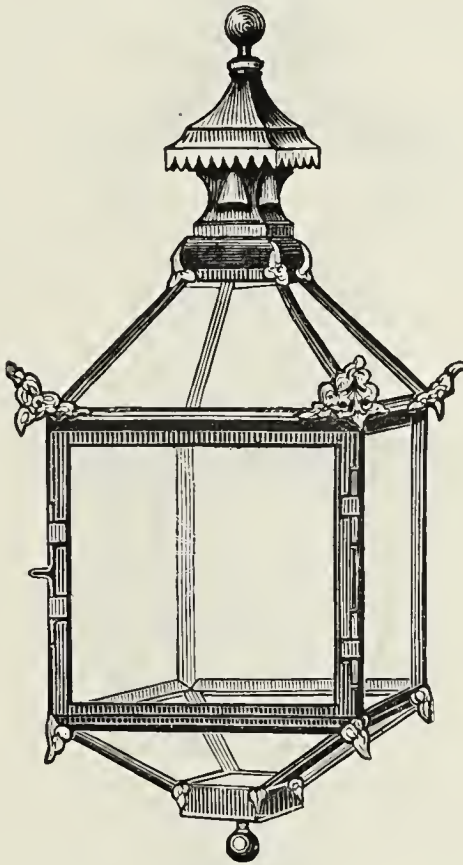
No. 2, — 16½ “ “ 3 “ 6 in. “ “ \_\_\_\_\_

No. 3, — 18½ “ “ 4 “ “ “ \_\_\_\_\_

## FANCY SQUARE.

Very Popular for Hotels, Halls, Churches, and  
Public Buildings.

This Lantern being square, gives a fine surface  
for lettering.



Elegant Cut Glass Signs furnished when required.

No. 104.

## THREE SIZES.

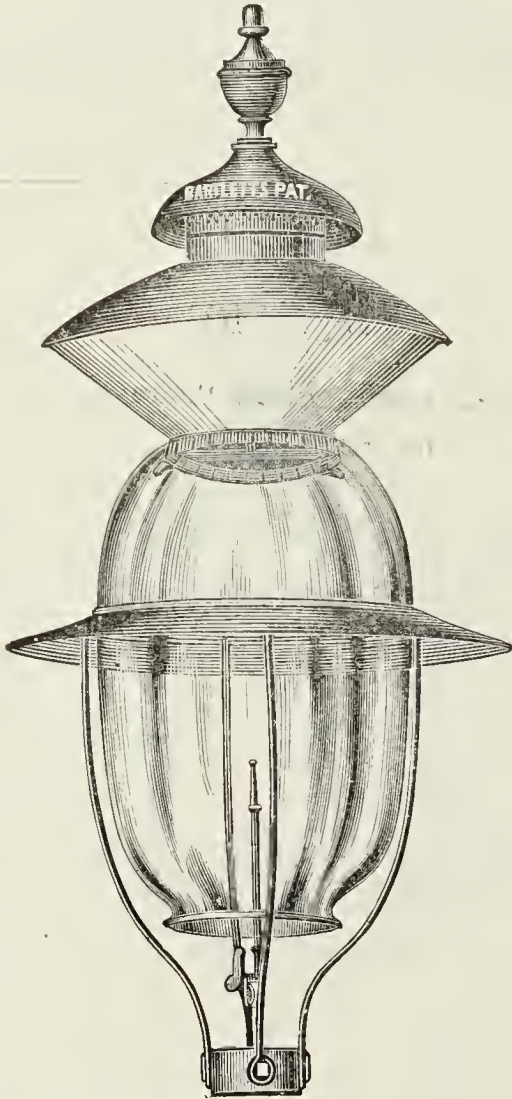
No. 1, — 14½ in. wide, 3 ft. high, Price, \_\_\_\_\_

No. 2, — 16½ “ “ 3 “ 6 in. “ “ \_\_\_\_\_

No. 3, — 18½ “ “ 4 “ “ “ \_\_\_\_\_

Fancy Lanterns in variety on exhibition at the  
Company's Warerooms.

18  
BOULEVARD AND STREET.



BOULEVARD SIZE, No. 220.

Height of Lamp and Frame, 3 ft. 4 in. Size of Globe, 13 x 20 in.

Price. \_\_\_\_\_

STREET SIZE, No. 236.

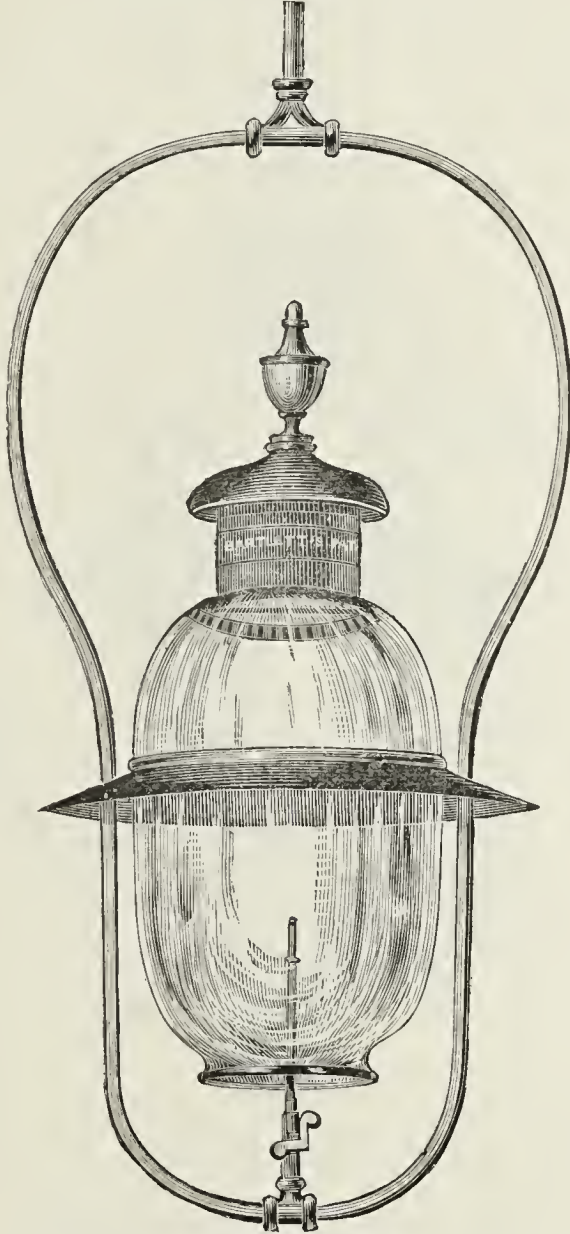
Height of Lamp and Frame, 2 ft. 10 in. Size of Globe, 10 x 16 in.

Price. \_\_\_\_\_

Any part furnished of either size.

19

BOULEVARD AND STREET,  
WITH SUSPENDING BRACKET.



BOULEVARD SIZE, No. 248.

Height of Lamp and Bracket, 3 ft. 8 in. Size of Globe, 13 x 20 in.

Price, \_\_\_\_\_

STREET SIZE, No. 256. Height of Bracket, 2 ft.

Price. \_\_\_\_\_

## CORPORATION.



No. 230.

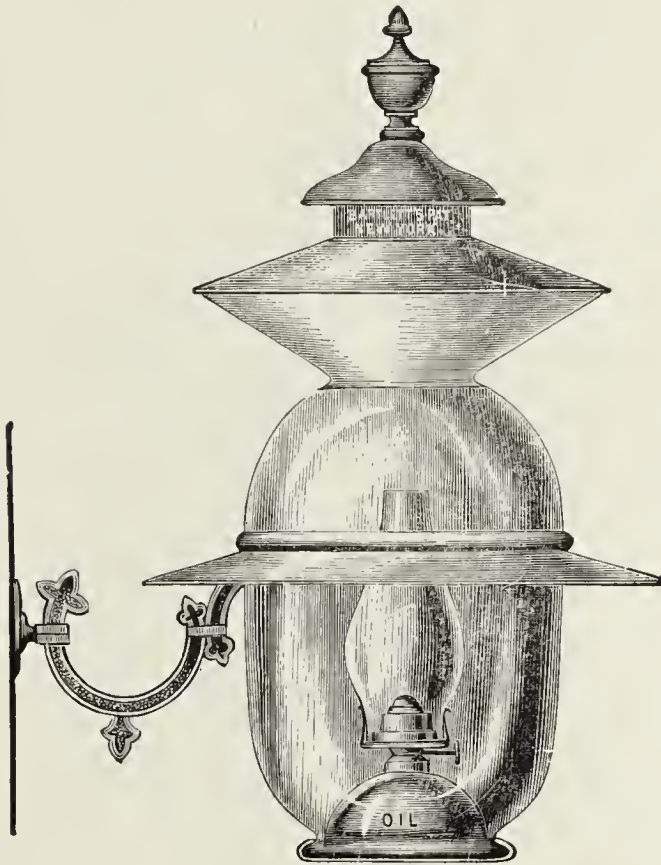
With Centre Reflector and Frame.

Height of Lamp, 3 ft. 2 in.

Size of Globe,  $12\frac{1}{2}$  x 18 in.

Price. \_\_\_\_\_

## BOULEVARD.



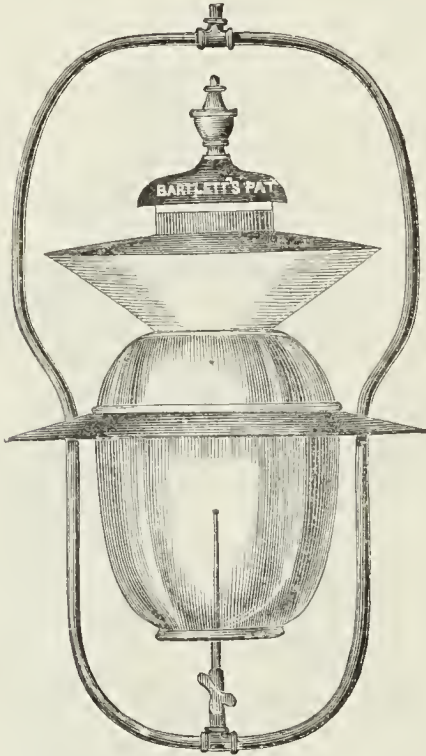
No. 266.

WITH SIDE BRACKET AND OIL FIXTURES.

Price, with fixture, \_\_\_\_\_

“ without “ \_\_\_\_\_

SUSPENDING,  
With Reflector Top.



BOULEVARD SIZE, No. 246.

Height of Lamp and Bracket, 3 ft. 8 in.

Size of Globe, 13 x 20 in.

Price. \_\_\_\_\_

STREET SIZE, No. 254.

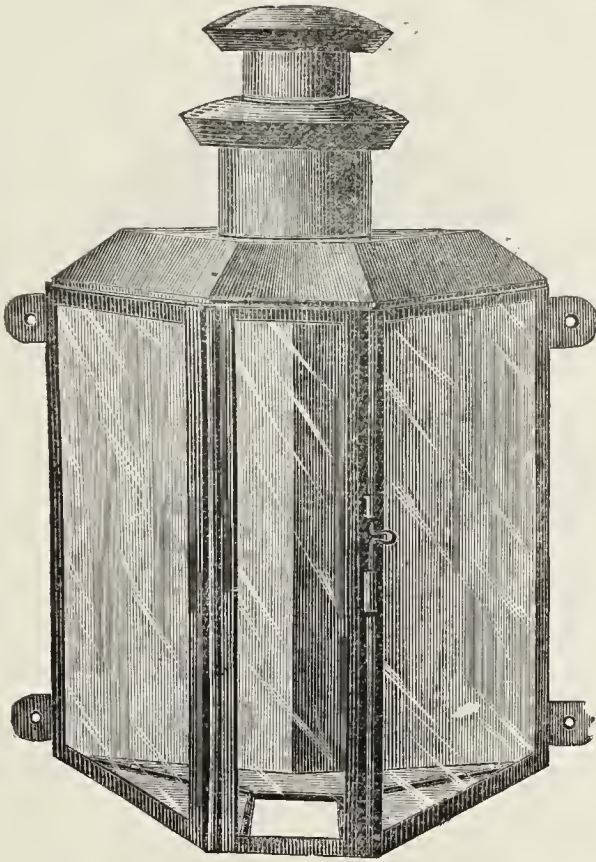
Height of Bracket, 2 ft. 11 in.

Price. \_\_\_\_\_



## TRIANGLE LAMP.

With Flat Face.



With White Enameled Iron Reflecting Back and  
Clear Glass Front.

No. 213.

Height, 23 in. Depth, 10 in.

Width of Back, 15 in.

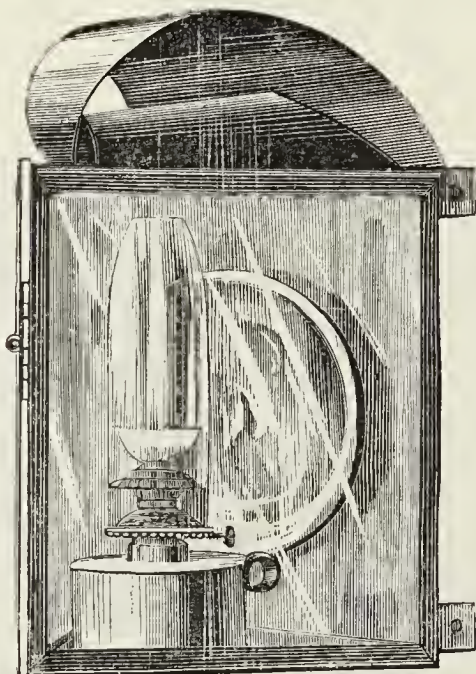
Price. \_\_\_\_\_

## TRIANGLE LANTERN,

For Kerosene.

For Barn, Shed, or Driveway Purposes.

Useful and Safe.



No. 175.

THREE SIZES.

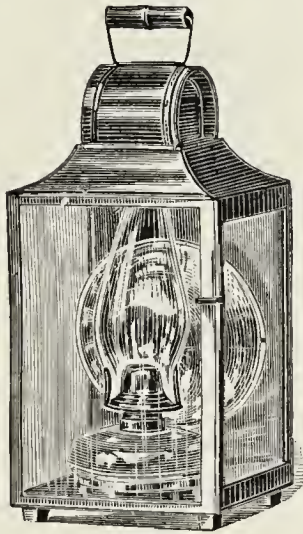
No. 1, — 10 in. wide, 16 in. high. Price, \_\_\_\_\_

No. 2, — 12 “ “ 18 “ “ “ \_\_\_\_\_

No. 3, — 13 “ “ 19 “ “ “ \_\_\_\_\_

MILL, LAWN AND STABLE LANTERNS,

All sizes, for Kerosene or Gas.



6 in. with Oil Lamp and Reflector,	Price,	_____
7 " " " " " "	"	_____
8 " " " " " "	"	_____
9 " " " " " "	"	_____
10 " " " " " "	"	_____
12 " " " " " "	"	_____

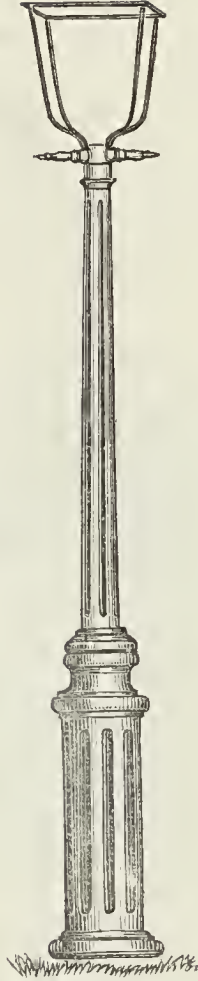
Boulevard Iron Post and Frame.  
Height of Post, 8 ft.



No. 10.

Price with frame, \_\_\_\_\_  
" without frame, \_\_\_\_\_

Corporation Iron Post and Frame.  
Height of Post, 9 ft.



No. 20.

Price with frame, \_\_\_\_\_  
" without frame, \_\_\_\_\_

Height of Post, 8 ft.



Cedar.

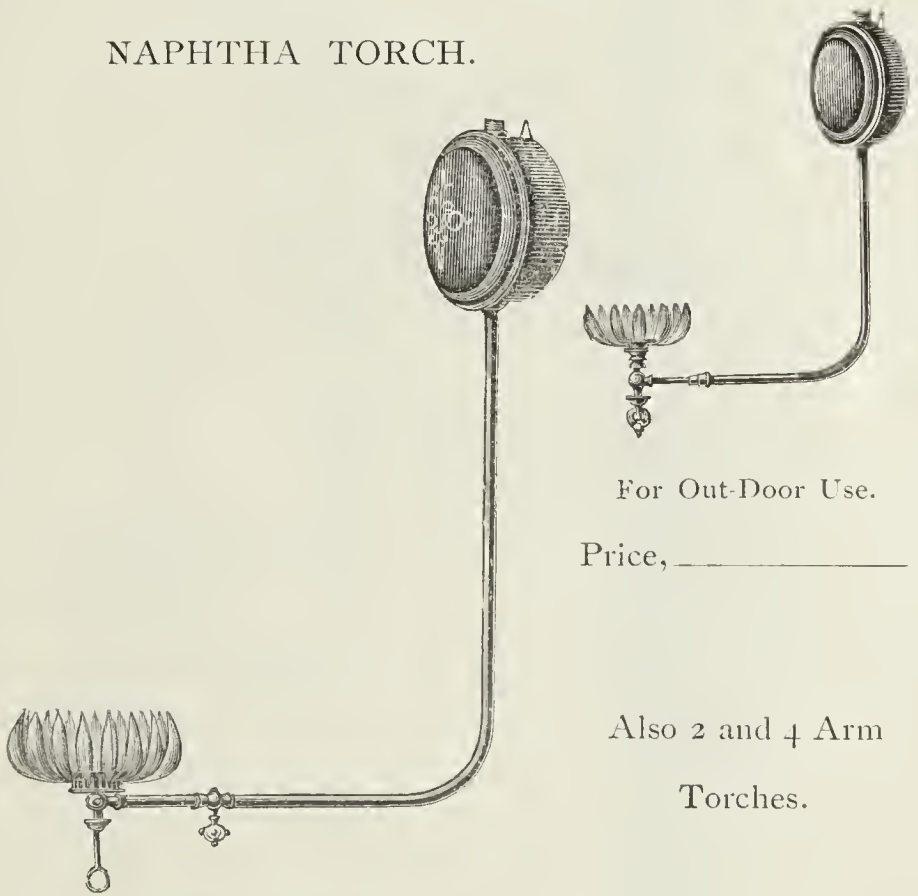
Price with frame, \_\_\_\_\_  
" without frame, \_\_\_\_\_

1/2 GAL. TANK.

NAPHTHA TORCH.

1 GAL. TANK.

NAPHTHA TORCH.



For Out-Door Use.

Price, \_\_\_\_\_

Also 2 and 4 Arm  
Torches.

For Out-Door Use.

Price, \_\_\_\_\_

Naphtha and Oil Vapor Illuminating Torches, for Foundries,  
Machine Shops, Street Venders, etc.

GLOBE NAPHTHA SUPPLIED.

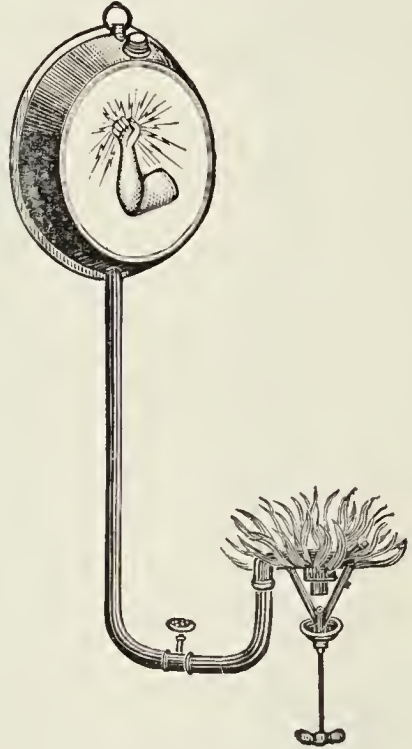
THE CELEBRATED  
ELECTRIC



GAS STREET LAMP  
TORCH.

The Best in Use.

Price. \_\_\_\_\_

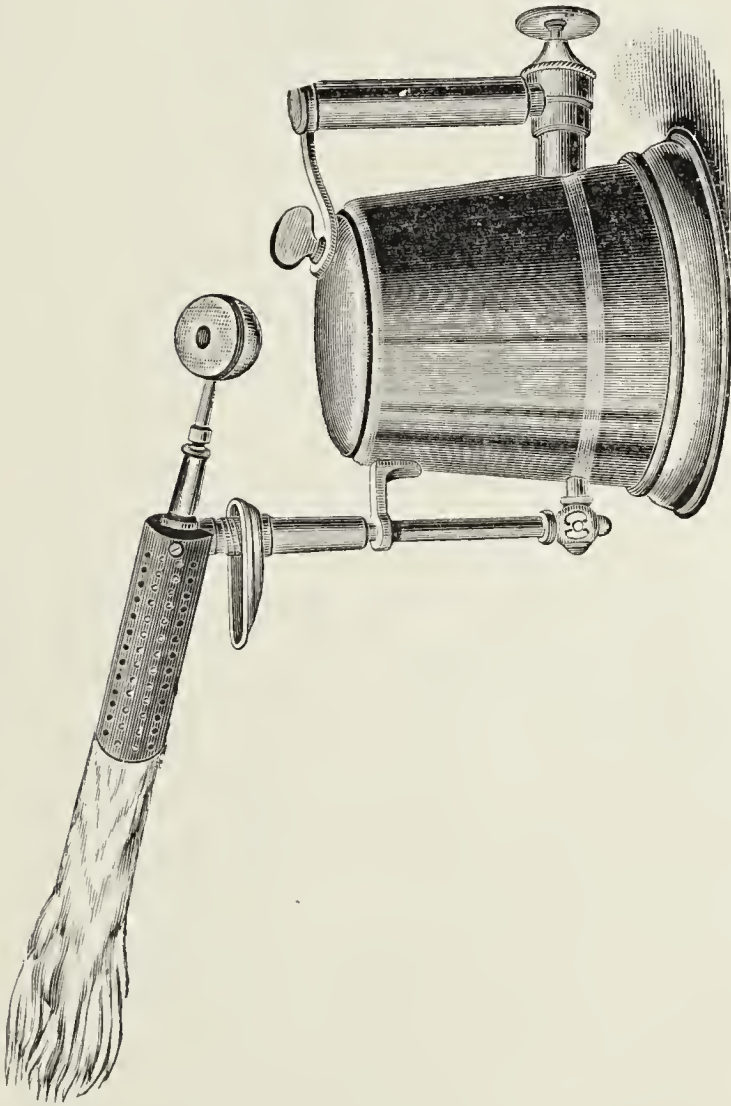


KEROSENE OIL  
VAPOR TORCH.

1 gallon Tank.

*See page 32.*

Price. \_\_\_\_\_

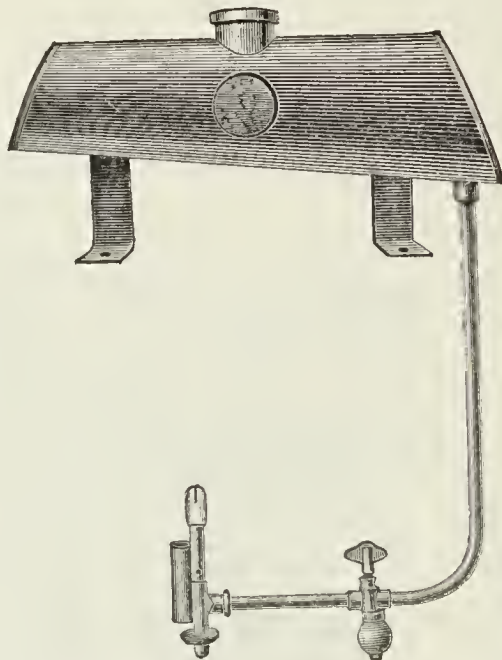


THE CELEBRATED AUTOMATIC TORCH.

For Painters, Plumbers, Gas Fitters, and for any purpose where a hot, smokeless flame is needed. Once tried, always used.

Price, \_\_\_\_\_

30



PATENT PORTABLE GAS ATTACHMENT,  
For Street Lanterns.

Can be attached to any Street Lantern, and makes the  
most brilliant gas light from Globe Naphtha.

Price, \_\_\_\_\_

GENERAL DIRECTIONS FOR VAPOR BURNERS.

FIRST. Close stop-cock *tight*, then pour into Reservoir needed quantity of Globe Naphtha — *one pint for every five hours*, and *shut cover* on Reservoir, to exclude rain and dust.

SECOND. Fill cup at base of Burner full of Alcohol, set it on fire, close lantern door, wait about *one minute*, then open stop-cock and light will appear.

THIRD. *Do not be in haste to open stop-cock, the secret of lighting is to have the burner properly heated before opening.* A little practice will soon demonstrate how much alcohol and time is needed to heat properly.

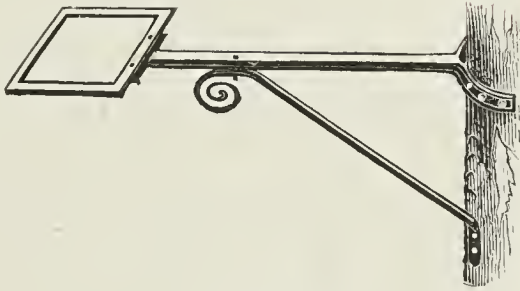
FOURTH. If any leak appears, avoid lighting till the same is mended — *common bar soap* will prevent leaks about any portion of the *screw threads*.

FIFTH. Unscrew Water Trap occasionally and remove water or dust that may have collected. *Never do this while light is burning.*

SIXTH. *Use Globe Naphtha only. Never put Globe Naphtha in cans or measures in which Kerosene or other Oils have been used. Always use Alcohol, or our Blow-pipe Torch for heating burner.*



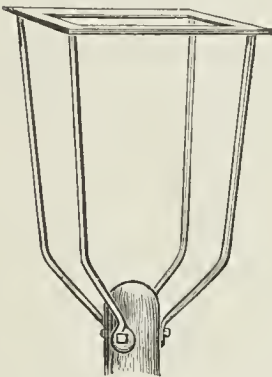
COL. ... Y  
... 118



2 ft. Arm.

Wrought Iron Bracket, for Tree or Building.

Price, \_\_\_\_\_



Wrought Iron Frame  
for holding Lantern.

Price, \_\_\_\_\_



Sign Holder for Street Lanterns.

Can be attached to any Lantern.

Cut Glass Signs.

Price of Holder, \_\_\_\_\_

Price of Signs, each, \_\_\_\_\_

## **ECONOMY.**

---

HEADQUARTERS FOR THE CELEBRATED

# ELECTRIC OIL TORCH.

Vaporizes Common Kerosene Oil, giving a **Large** and **Brilliant** flame. Best light in use for **Blacksmith** and **Machine Shops, Foundries, Rolling Mills, Saw Mills, Stables, Coal Sheds, etc., etc.,**

ALSO

# Tinners' and Plumbers' Furnaces,

AND

# BLOW PIPE TORCHES.

Naphtha Torches for Fruit Stands, Street Venders, Etc.

**THE MOST APPROVED STYLES.**

OUR CELEBRATED

# GLOBE NAPHTHA,

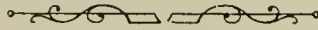
for use in the same, in quantities to suit, by the  
Can or Barrel.

Cleaning and Repairing done at short notice.  
Orders promptly attended to.

---

## GLOBE GAS LIGHT COMPANY,

77 & 79 UNION STREET, BOSTON.



*Gentlemen:*

*We take pleasure in handing you our Catalogue, which exhibits a part of the large variety of goods which we offer for sale. Whenever you contemplate purchasing anything in our line, we shall be pleased to serve you, feeling confident that we can satisfy in regard to **quality and price.***

*Our goods and work are well and favorably known, and no pains is spared to ensure **everything first class.***

*With thanks for past favors, and awaiting any, we remain,*

*Very respectfully yours,*

**GLOBE GAS LIGHT CO.,**

*77 & 79 Union St., Boston.*

