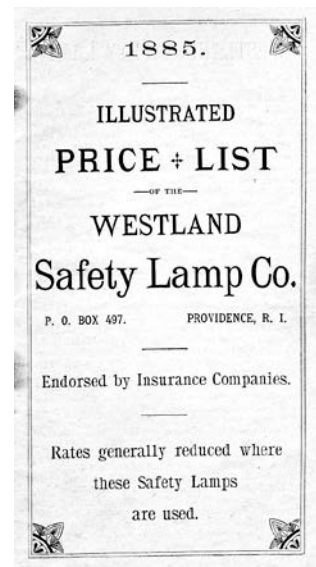
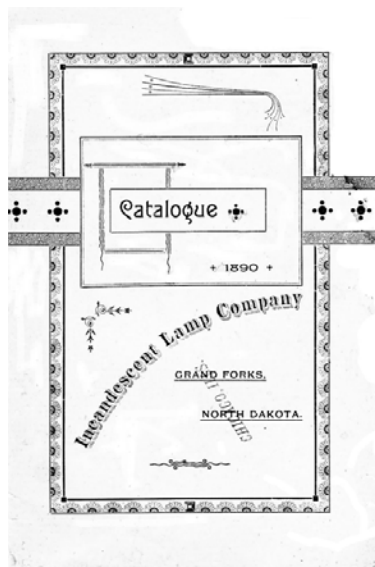


# HLSC FONT & *Flame*

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THE JOURNAL OF  
THE HISTORICAL  
LIGHTING SOCIETY  
OF CANADA



Two rare catalogs from the collection of David Broughton

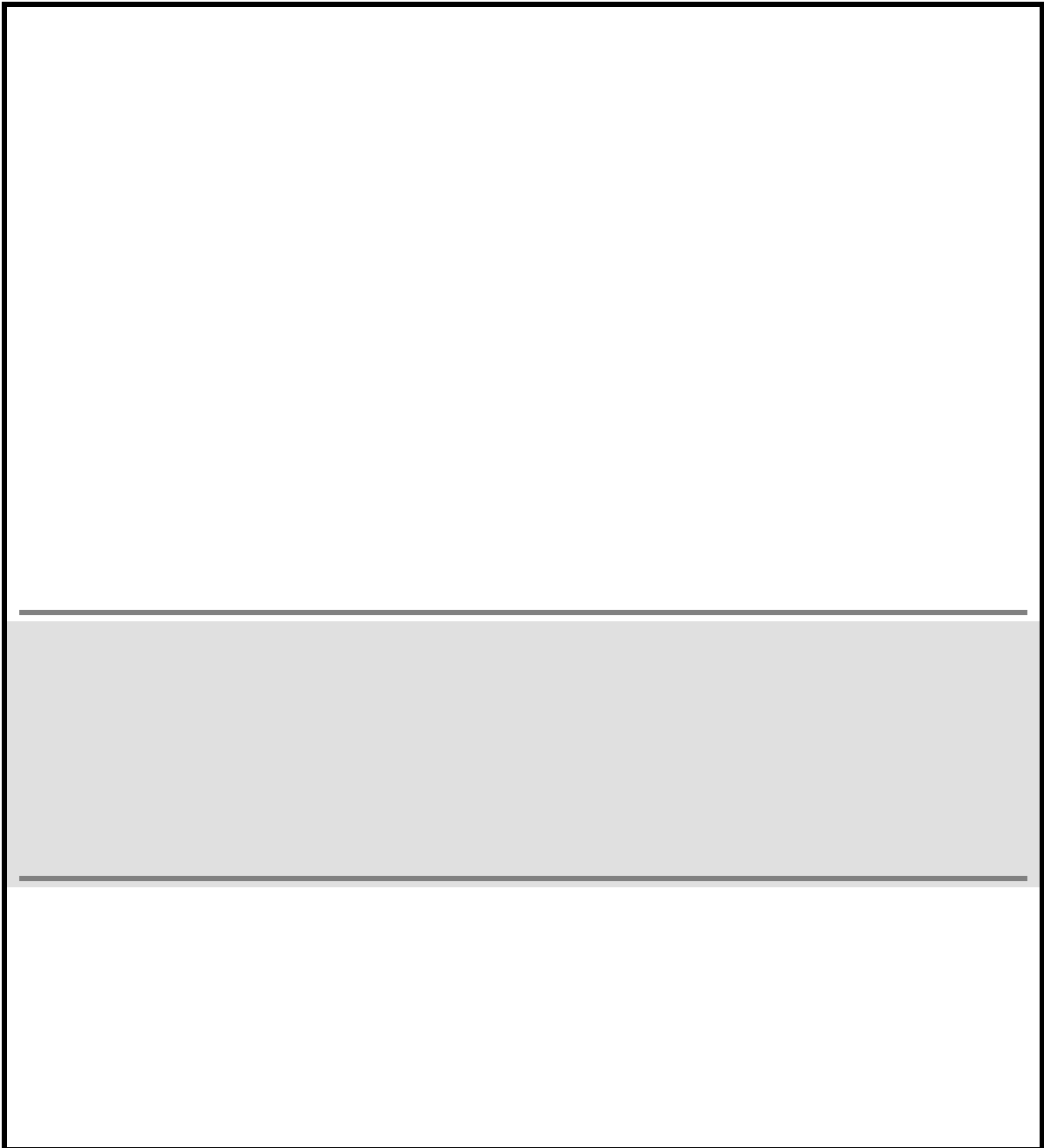


Founded in 1981

*Volume 15*  
*2014*



**Founded in 1981**



## Editor's Notes

Once again, through the generosity of David Broughton, the Font & Flame is able to bring you two antique lighting catalogs. As David notes, *these rare catalogues are artifacts from companies that were somewhat ephemeral in their own right. Lamps from the Incandescent Lamp and the Westland Safety Lamp companies are very rare. The Westland Safety Lamp Company unusual in that it is much easier to find its ephemera than its unique lamps. The catalogues are reproduced in their entirety.* The images have been resized to fit the Font & Flame format. The catalogs and other ephemera reproduced in this issue of the Font & Flame are all from the amazing collection of David Broughton. David has also provided some additional notes regarding these materials and your editor has added one or two comments.

The first catalog is from the **Incandescent Lamp Company**. As David notes, *very little information is available about the Incandescent Lamp Company. We know they sold Tilton Incandescent Lamps as well as frames for hanging lamps. We do not know to what extent they manufactured lamps or parts as many "manufacturers" were merely assemblers of lamps.*

*The catalogue indicates they were in Grand Forks, North Dakota in 1890, while a broadside pictured in The Illuminator (V1, N1, P.16, January 1987) places the company in Pittsburgh PA in 1887.*

*The following broadside from the George Bassett Company (with a section missing due to a mouse nibbling on it) illustrates what appears to be a lamp that is also pictured in the catalogue. J.W. Courter notes that the Tilton Incandescent Lamp is likely a rebranded Geiss Electric Lamp (Center-Draft Kerosene Lamps 1884-1940, P. 124).*

This catalog was originally 23.4 cm. (about 9.2") high by 15.2 cm. (about 6") wide. It has been reproduced in close to its original size.

# POSITIVELY NON-EXPLOSIVE. THE IMPROVED NEW CHICAGO LAMP

Known also as:

"The Geiss Electric Lamp," "The Chicago Electric Lamp" and "The Geiss Chicago Lamp."

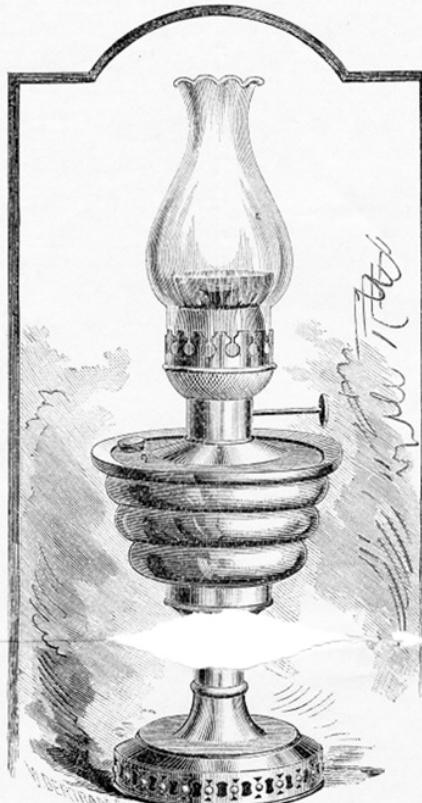
Produces from any test of Kerosene Oil a pure white, steady light of 52½ candle power. It has the brilliancy of 2 gas jets at one-seventh the cost. The light of six ordinary lamps is eclipsed by one "Improved New Chicago Lamp". Hence, we claim that with our lamp the problem of obtaining a brilliant light at a small cost is effectually solved.

## AMONG ITS MANY ADVANTAGES

may be enumerated the following:

1. The lamp, by the laws of nature, is positively Non-Explosive.
2. It cannot break or smoke a chimney.
3. An ordinary chimney can be used.
4. The lamps burn at a cost of ½ cent per hour.
5. The wick movement of this lamp is very durable, and cannot get out of order, yet so simple that anybody can wick a lamp in 20 seconds.
6. A wick is furnished free with every lamp. One wick will last 6-8 months.
7. The lamps being made of brass cannot break, but will last a life-time.
8. What you save on chimneys in one year alone will suffice to pay for a lamp.
9. This lamp has the only wick movement that requires no tying of wick, and also the only movement that brings the wick up perfectly even.
10. The wick trims itself if turned down until the stop work acts, and permitted to go out without being blown, a minute or less being all the time required.
11. The top of the Fount is so constructed as to hold any small quantity of oil that might accidentally run over, thereby preventing damage to furniture, carpets, etc.
12. The Insurance Companies recommend their use, because they are non-explosive.

Etc., Etc., Etc.



STAND LAMP.

## The Brilliant and Steady Light

produced by these lamps is because of their peculiar construction, the main principle being a double draught; the outer air tube giving abundant supply of oxygen, which is necessary to insure perfect combustion (and thereby burning the odorous and poisonous matter, which escapes in other lamps) and the inner or "spreader" air tube draught steadying the flame, and preventing its coming in contact with the chimney.

## The Test of Light

made by a prominent authority gives the following result:

Ordinary Lamps,	8-11 candle power
Gas	20 "
Improved New Chicago Lamp, 52½ "	"

## The Following Styles

are manufactured and can be had in either Brass, Nickel or Gold Bronze:

**Fount Lamp.** Can be attached to any gas or oil fixture, side bracket, etc., holds 1 quart oil, and burns 7-8 hours.

**Stand Lamp.** For table or desk use. Holds 1 quart oil, and burns 7-8 hours.

**Library Fount.** Made expressly for Library Extension Hangers. Holds 1 quart oil, and will burn 7-8 hours.

**All Night Fount.** Same as Fount Lamp—only has a larger oil reservoir, and consequently will burn longer.



The Improved New Chicago Lamp has received the following Awards over all competitors:

**Mass. Charitable Mechanics Ass'n,**  
Boston, Mass., 1884, Silver Medal  
State Fair, - - - Sacramento, Cal., 1884, Silver Medal  
Denver Exposition, - - - Denver, Col., 1884, Silver Medal  
Mech. Institute Fair, San Francisco, Cal., 1884, Silver Medal  
State Fair, - - - Portland, Oregon, 1884, Silver Medal

(And several Diplomas at smaller towns.)



## Geo. F. Bassett & Co.

Importers, Exporters and Wholesale Dealers in

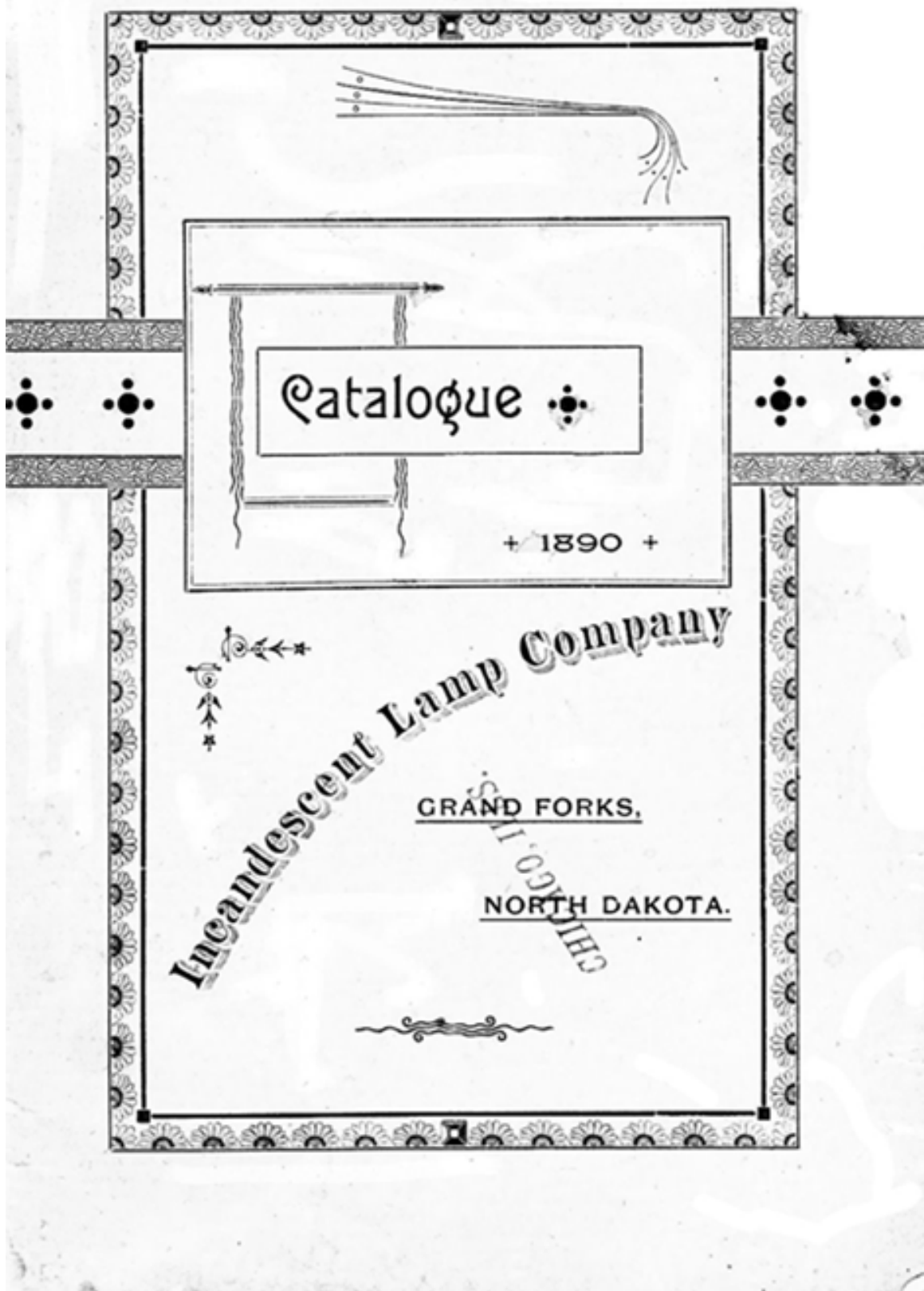
China, Crockery and Glassware, Plated Wares, Table Cutlery,

**KEROSENE GOODS, ETC.,**

49 Barclay St. and 52 & 54 Park Place, - - - NEW YORK.

Sole Agents for Chicago Electric Lamps.





—1890—

ILLUSTRATED CATALOGUE  
OF  
INCANDESCENT LAMP COMPANY

OF

Part of Their Goods for 1890.

FACTORY: CHICAGO, ILL.

. . . . .

 **NOTE:** The Numbers in this Catalogue correspond with those in the Wholesale Price List to Agents. Agents will please Order by Numbers. 

. . . . .

GRAND FORKS HERALD:  
JOB PRINTERS AND BOOK BINDERS.  
1890.

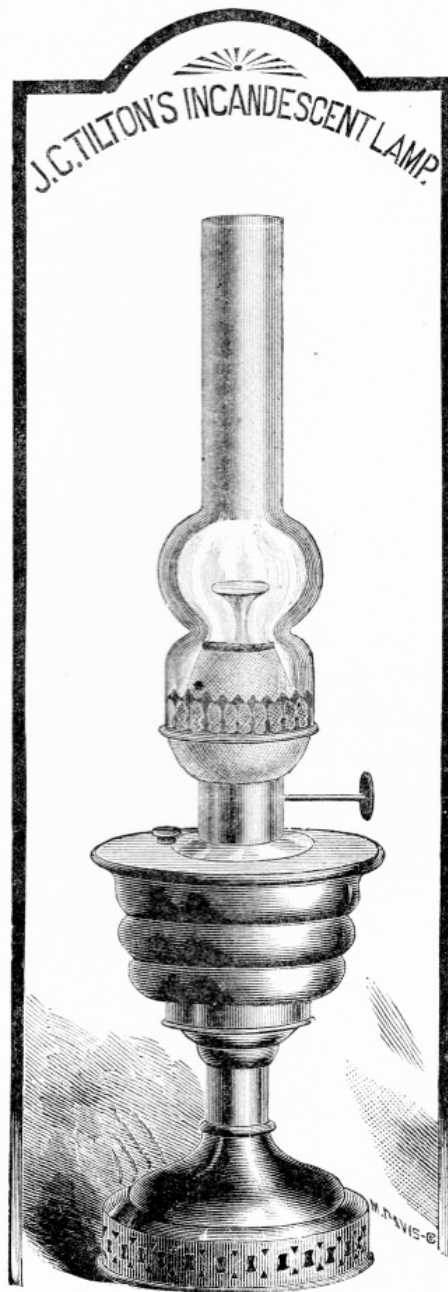
See Wholesale List, Page No. 3.

No. 1 is a common size Fount to put on Brackets and in Harps.

No. 2 is a Fount one size larger than No. 1, but not so high.

No. 4 is a Fount larger than No. 2, but the same shape of No. 1, and is intended to burn all night if necessary.

All three Founts are finished in the same Highly Polished Brass as No. 3 stand, on opposite page.



NO. 7

STAND LAMP, FINELY NICKELED.

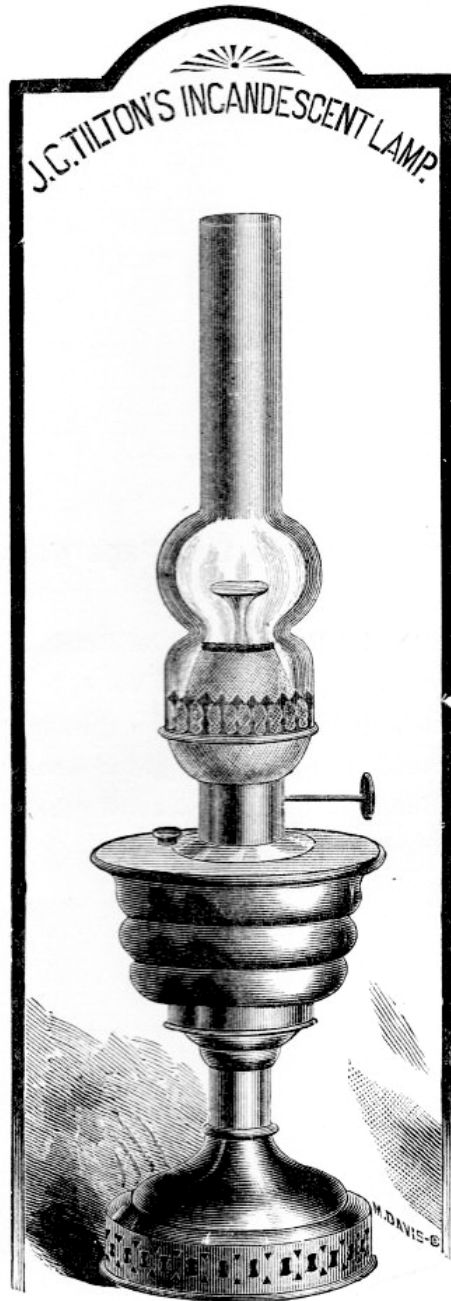
See Wholesale List, Page No. 3.

No. 5 is a common size Fount to put on Brackets and in Harps.

No. 6 is a Fount one size larger than No. 5, but not so high.

No. 8 is a Fount larger than No. 6, but the same shape of No. 5, and is intended to burn all night if necessary.

All three Founts are finely nickeled, the same as No. 7 stand, on opposite page.



NO. 11

STAND LAMP, RICH GOLD BRONZE.

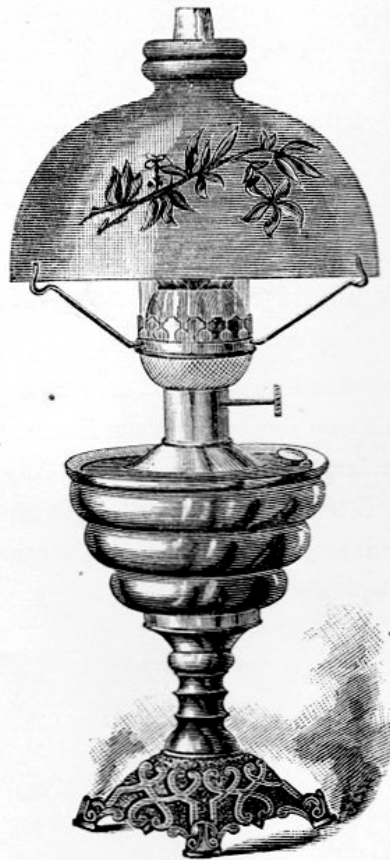
See Wholesale list, Page No. 3.

No. 9 is a common size Fount to put on Brackets and in Harps.

No. 10 is a Fount one size larger than No. 9, but not so high.

No. 12 is a Fount larger than No. 10, but the same shape of No. 9, and is intended to burn all night if necessary.

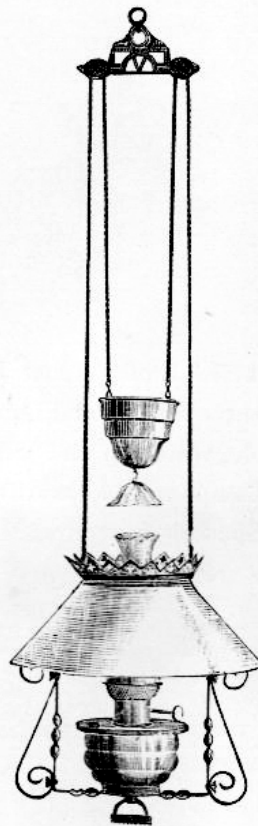
All three Founts are of Rich Gold Bronze, the same as No. 11 stand, on opposite page.

**NO. 14**

SEE NEXT PAGE FOR DESCRIPTION.



No. 14 is our Fine Nickered Jumbo Stand Lamp. This Lamp is larger than our three other Stand Lamps. It has a heavy cast base with an elegant finish and will burn all night if necessary. This Lamp, with a beautiful No. 031, 10 inch Decorated Dome Shade is very attractive, and will please the most fastidious

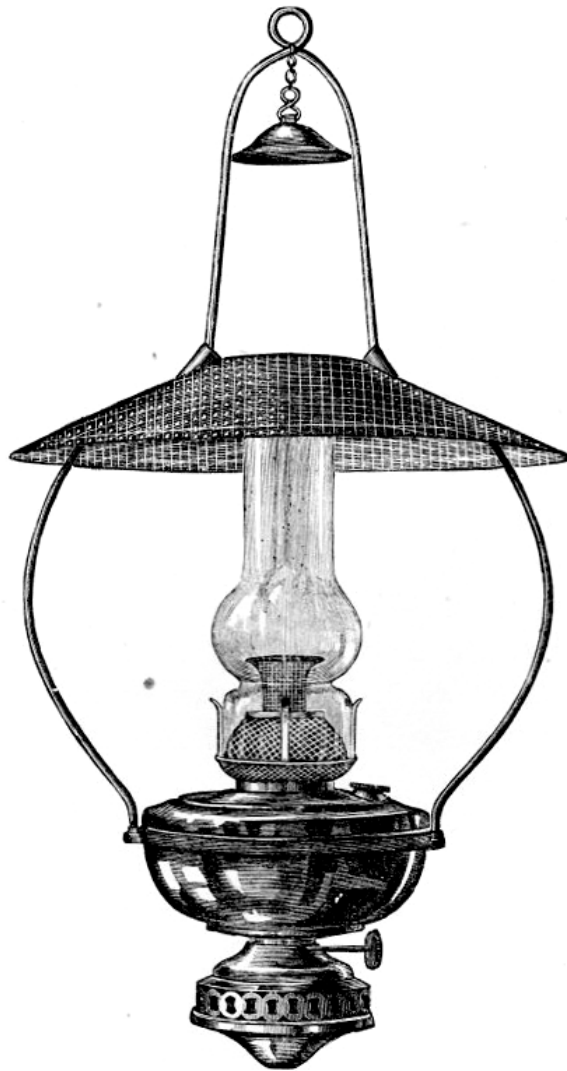
**NO. 50****HIGHLY POLISHED BRASS EXTENSION HANGER**

With No. 1 Fount and No. 33 Decorated Cone Shade.—(Page 4, Wholesale List.)

**Parlor and Library Extension Hangers.**

PAGE NO. 4, WHOLESALE LIST.

- No. 050. Highly Polished Nickel Extension Hanger, with No. 5 Nickel Fount, and No. 33 Decorated Shade Cone.
- No. 51. Highly Polished Brass, Patent Spring Balance, Extension Hanger, with No. 5 or No. 9 Fount, and No. 33 Decorated Cone Shade.
- No. 52. Highly Polished Brass, Patent Spring Balance, Extension Hanger, with No. 34 Decorated Dome Shade, No. 1 Fount, including set of 30 Prisms.
- No. 53. Rich Gold Bronze Extension Hanger, No. 34 Decorated Dome Shade, No. 9 Fount, including set of 30 Brilliant Prisms.
- No. 54. Rich Gold Bronze, Patent Spring Balance, Extension Hanger, No. 034 Tinted Dome Shade, No. 12 Jumbo Fount, including set of 46 Crystal Prisms.

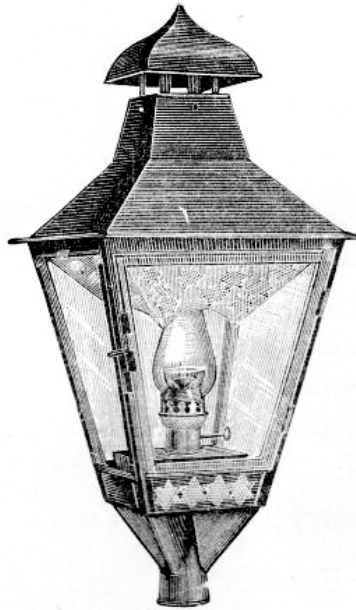


NO. 02

NICKEL MAMMOTH.

**See Wholesale List, Page No. 5.**

No. 01. Brass Mammoth, the same as No. 02 on opposite page. These Lamps will produce  $407\frac{1}{2}$  candle power from ordinary kerosene. Easy to handle, easy to wick, breaks no chimneys, burns nine hours and well made of heavy material.



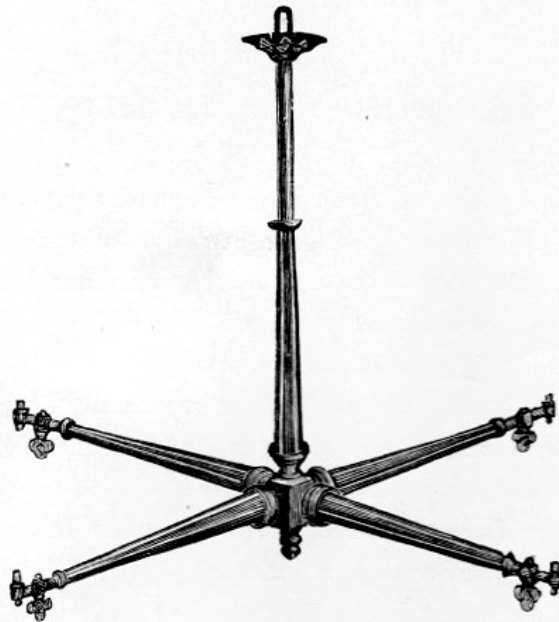
NO. 44

STREET LAMP.

**See Wholesale List, Page No. 7.**

Our Street Lamp No. 44, illustrated on opposite page, is unsurpassed. We desire to call the attention of our agents to these lamps. As far as durability, workmanship, etc., is concerned, are conceded to be without a rival. The best grade of tin is used in the construction; they are heavily painted and will stand all kinds of weather. Can be furnished with either four sides glass, or three sides glass and one side tin. Every lamp warranted.

No. 45. Our Barn Lanterns are constructed of the same material as the Street Lamp and are similar in all respects, except they have a heavy ring attached for hanging up.

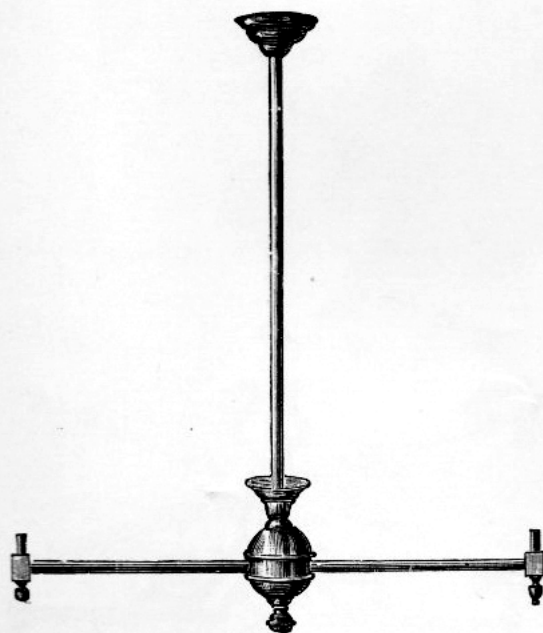
**NO. 39**

— **FOUR LIGHT CHANDELIER, EBONY AND GOLD FINISH.**

**No. 38. Chandelier, Same Finish, Two Lights.**

(Page 5, Wholesale List.)

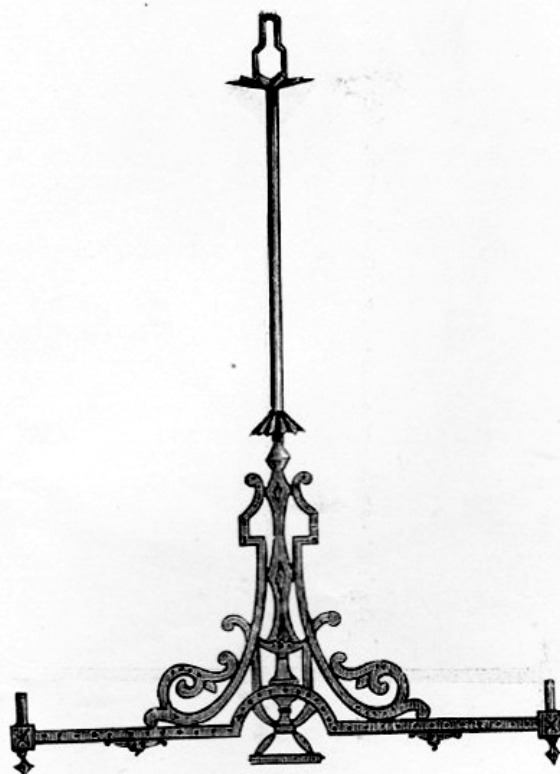




**NO. 40**

**TWO LIGHT CHANDELIER, RICH GOLD BRONZE.**

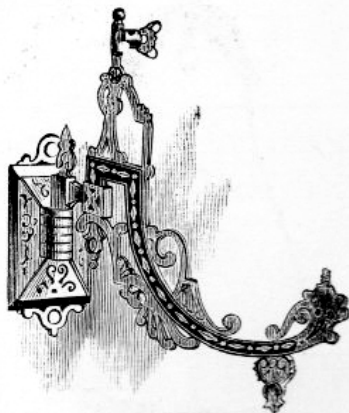
(Page 5, Wholesale List.)



NO. 41

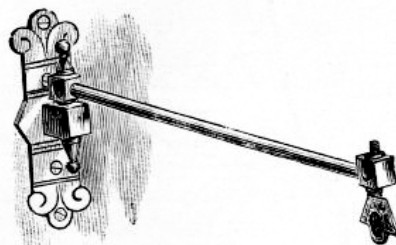
TWO LIGHT CHANDELIER, EBONY AND GOLD.

(Page 5, Wholesale List.)



NO. 99

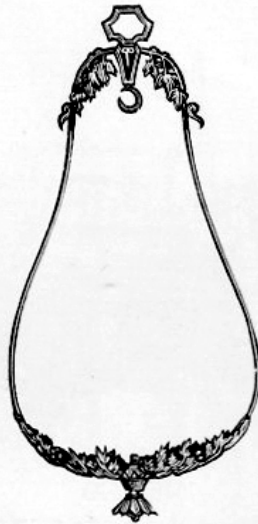
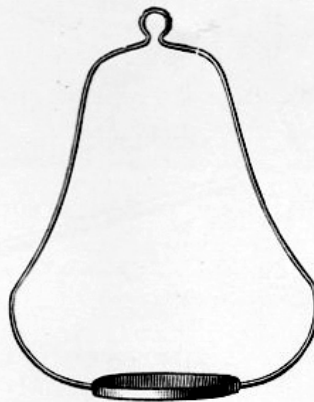
BRACKET, BRONZE, REFLECTOR SCREW.



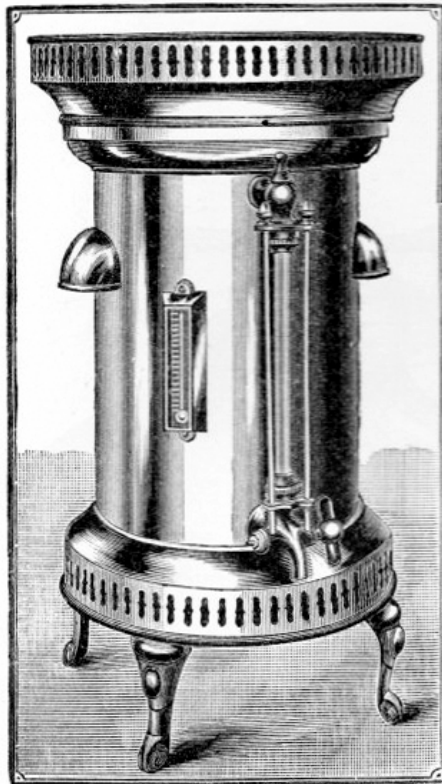
NO. 19

BRACKET, RICH GOLD FINISH.

(Pages 5 and 6, Wholesale List.)

**NO. 24****FANCY BRASS HARP FOR REGULAR FOUNTS.****NO. 23****PLAIN HARP, DARK GREEN FINISH.**

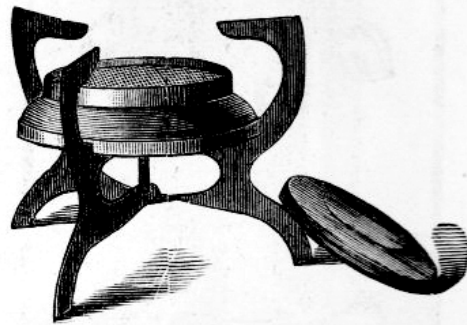
(Pages 5 and 6, Wholesale List.)



**HOT WATER URN, HEAVILY NICKEL PLATED.**

We desire to call the attention of our Agents to these Urns. As far as durability, workmanship, etc., is concerned, are conceded to be without a rival.

(Page 7, Wholesale List.)



THE IMPROVED  
POCKET AND NURSERY STOVE

Is the Only Perfectly Safe Alcohol Stove on the Market.

BEST THING IN THE WORLD FOR THE

Nursery, Sick Room, Family, Travelers and Miners.

**TO OUR AGENTS.**

We were unable to procure all our Cuts in time for this Catalogue. We shall send later on an Illustrated Circular containing all omissions.

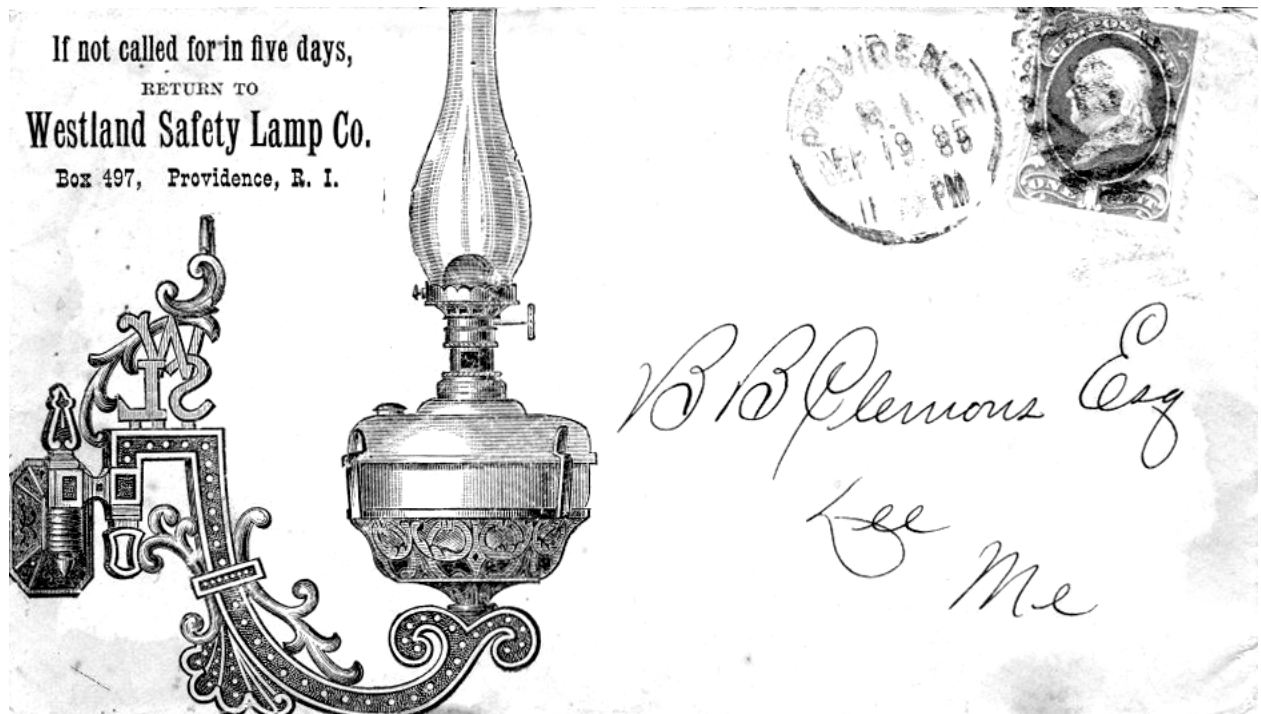
**INCANDESCENT LAMP COMPANY.**

The second catalog is from the **Westland Safety Lamp Company**. There has been little written about this company other than the introduction provided by Catherine Thuro in the Illuminator (V2, N4 pp. 2-5, Winter 1989). Based in Providence, R.I., they sold directly through the mail (as evidenced by a catalogue sent to Leaskdale Ontario) and through other retailers.

The question of who actually manufactured the lamps is unclear, though most of the cast iron parts appear to be Bradley and Hubbard. The lamps on pages 14 to 25 are similar to B&H lamps in the 1883-1884 and 1888 catalogues.

The Westland catalogs were mailed in envelopes such as the one below addressed to a B. B. Clemmons, Esq. in Lee (Penobscot County), Maine.

This catalog was originally 15.5 cm (about 6") high by 8.8 cm (about 3.5") wide. It has been enlarged for enhanced readability. We found it most interesting that this catalog combines any number of industrial and commercial oil lamps with a selection of clearly residential oil lamps. We commented below on the similarity of décor on a number of the lamps to the décor on Boston and Sandwich Glass Company lamps. It is also worth noting that a great deal of space in this catalog has been devoted to the unique safety aspects of the companies industrial/commercial products and to almost 11 pages of testimonials about both the safety of their lamps and about their light output. The company claims that the lamps are more economical than and outperform gas lamps—an interesting response to what must have been significant competitive pressure.







1885.



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ILLUSTRATED  
PRICE † LIST  
—OF THE—  
WESTLAND  
Safety Lamp Co.

P. O. BOX 497.

PROVIDENCE, R. I.

---

Endorsed by Insurance Companies.

---

Rates generally reduced where  
these Safety Lamps  
are used.



## WESTLAND SAFETY LAMP.

---

This Lamp consists simply of a double glass globe, the inner one holding the Oil and the outer charged with *Carbonic Acid Gas in solution*. The contents of the outer globe keep the Oil Fount cool and at an even temperature, and surrounds the entire lamp with an "Automatic Fire Extinguisher," thus preventing accidents from explosion or breakage. The breaking of one of our lamps causes its instant extinguishment, and the immediate contact of the fluid with the oil renders it harmless.

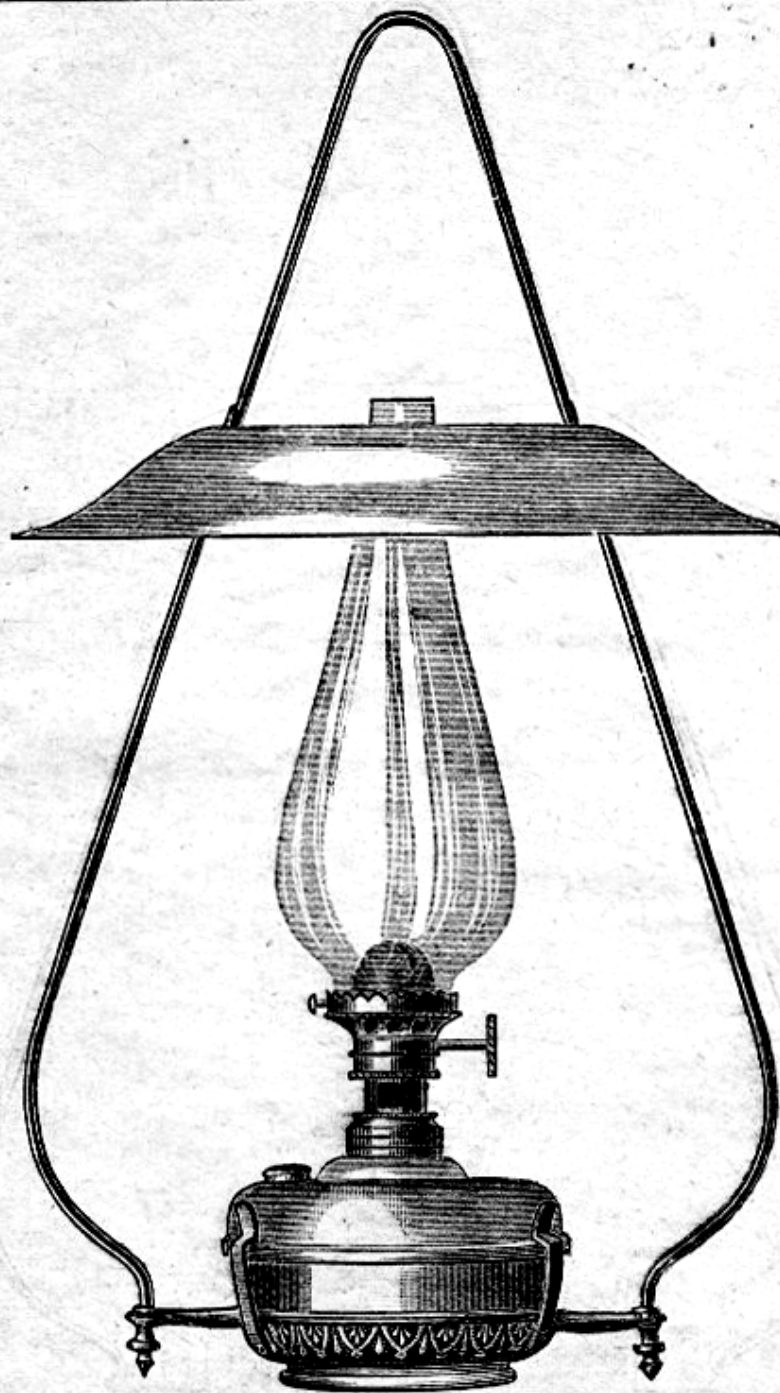
Experiments have been made with our Lamps, broken (while lighted) in every conceivable manner, *and in no instance has the oil ignited*. "The light given" is much superior to that of ordinary lamps, as the Fount, being of double glass, makes a natural powerful reflector, and there being no Cup to cast a shade, a full uninterrupted light is obtained. This is particularly valuable over machinery, or cloth in looms, as is substantiated by the (unsolicited) testimonials of the PAUL WHITING MFG. Co., and other manufacturers, attached hereto, who are using our lamps in their mills. Most of the explosions of kerosene lamps are occasioned by the glass being thin and weak at the neck (where the burner is attached,) which, when heated and subjected to a draft of air, contracts the glass, which breaks and explodes the oil. This is remedied in our lamps by there being four times the thickness at the neck of ordinary lamps. The lamps are easily kept clean, and there is none of the sweating usually found in metal lamps, leaving the outside covered with oil for dust and flyings to adhere to.

The Hanger, Brackets and *Patent Holder* are also very complete.

Any burner can be adapted to our globes, and each customer's preference consulted in this particular.

Wicks and Chimneys suited to any style of burner furnished, if desired, at manufacturers' prices.

Buildings lighted with these lamps insure at the same rates as if lighted by gas. In this connection we would add that *the expense attending the use of the Westland Safety Lamp is one-fifth (1-5) the cost of lighting by gas.*



**No. 10 Hanging Lamp, Spring Holder.**

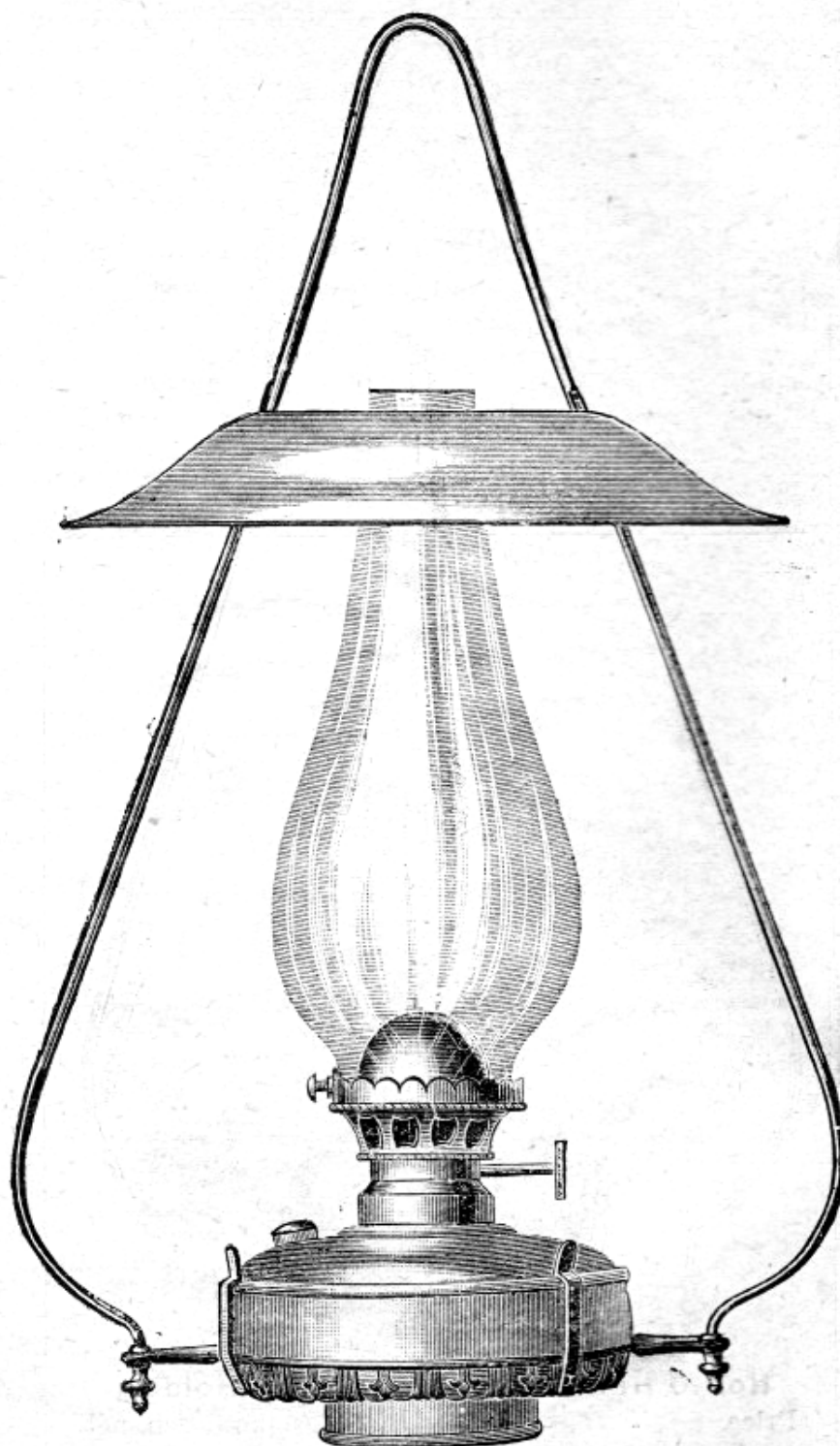
Price, - - - \$15.00 per dozen, net.

Complete, without chimneys.

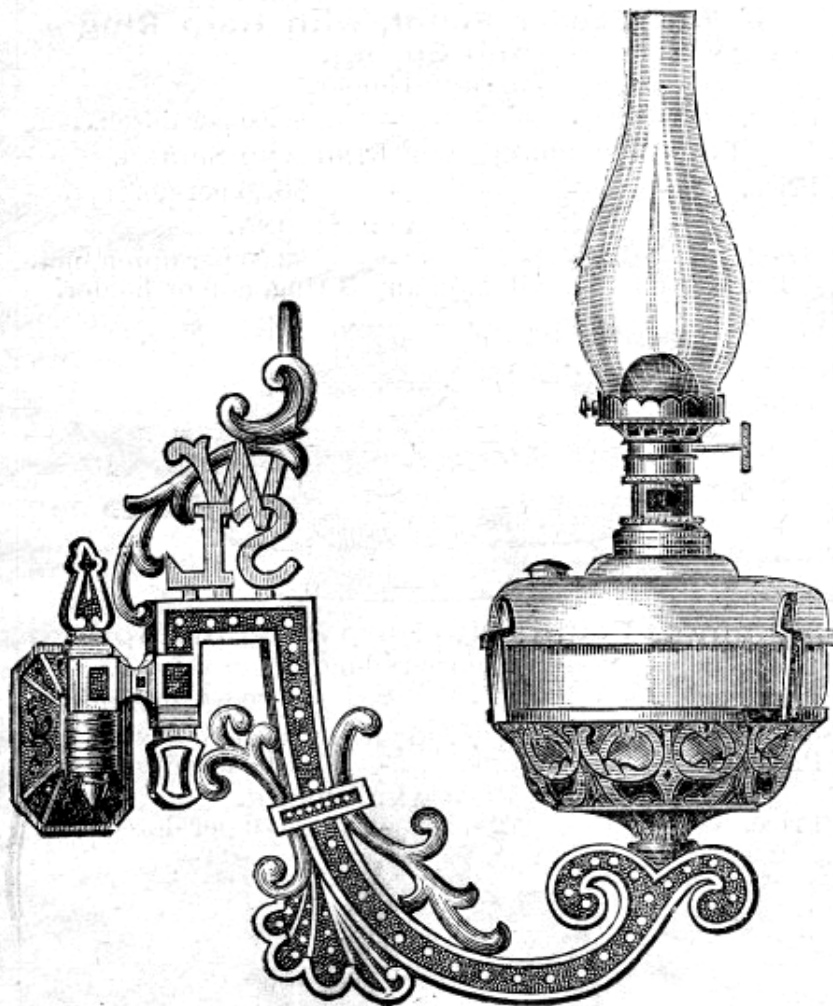
Will burn 14 hours.

These lamps all have Dyer's Patent Feeder without extra charge.

(3)



**No. 11. Hanging Lamp. Spring Holder.**  
 Price,        -        -        \$18.00 per doz. with **B** Burner.  
               "        "        18.00    "        "        Mammoth "  
 Complete, without chimneys. Will burn 18 hours.  
 These **B** lamps all have Dyer's Patent Filler without extra charge.



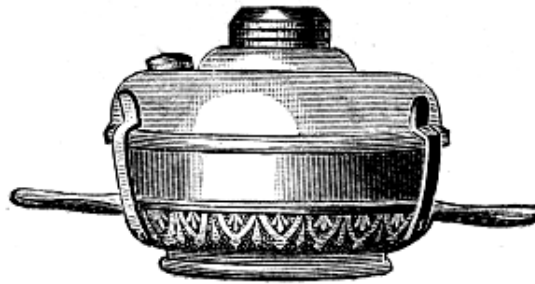
**No. 12 Bracket Lamp, with Spring Holder.**

Price, - - - \$17.00 per dozen, net.

Complete, without chimneys.

Will burn 14 hours.

These lamps all have Dyer's Patent Feeder without extra charge.



**B Flat Feeder Fount, with Harp Ring and Spring.**

Will burn 14 hours.

Price, - - - - \$9.00 per dozen, net.

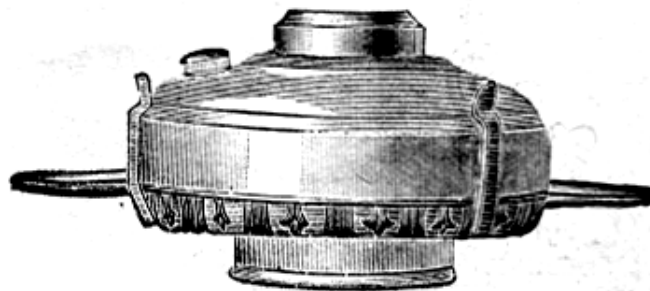
**FOUNT WITHOUT HARP RING AND SPRING.**

Price, - - - - \$6.00 per dozen, net.

**HARP RING AND SPRING.**

Price, - - - - \$3.00 per dozen, net.

The above Fount will fit in any **B** ring, cup or holder.



**Mammoth Fount, with Harp Ring and Spring.**

Will burn 18 hours.

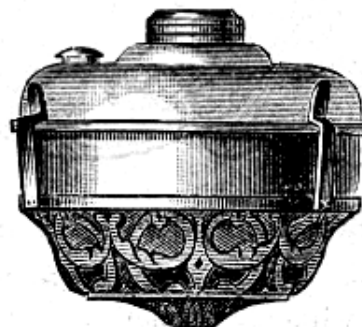
Price, - - - - \$11.50 per dozen, net.

**FOUNT WITHOUT HARP RING AND SPRING.**

Price, - - - - \$8.00 per dozen, net.

**HARP RING AND SPRING.**

Price, - - - - \$3.50 per dozen, net.

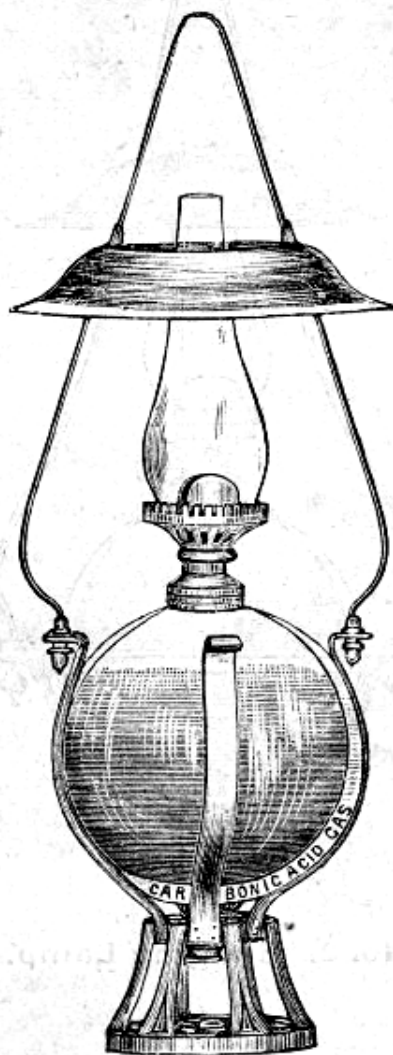


**FOUNT WITH CUP AND SPRING FOR BRACKET LAMP.**

Price, - - - - \$10.00 per dozen, net.

**CUP AND SPRING.**

Price, - - - - \$4.00 per dozen, net.



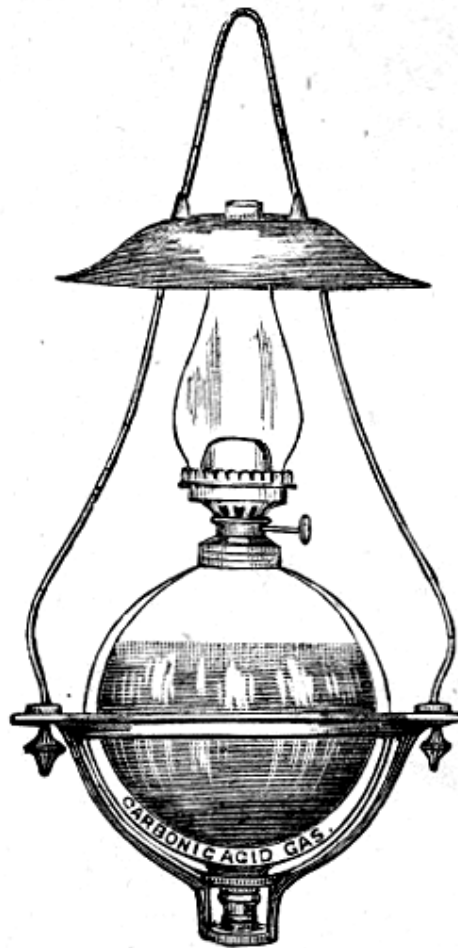
### **No. 1. Hanging Lamp.**

SPRING HOLDER.

Price, - - - - \$22.00 per doz. net.

Complete, without Chimneys.

Will burn 14 hours. These lamps all have Dyer's Patent  
Filler without extra charge.



**No. 2. Hanging Lamp.**

RING HOLDER.

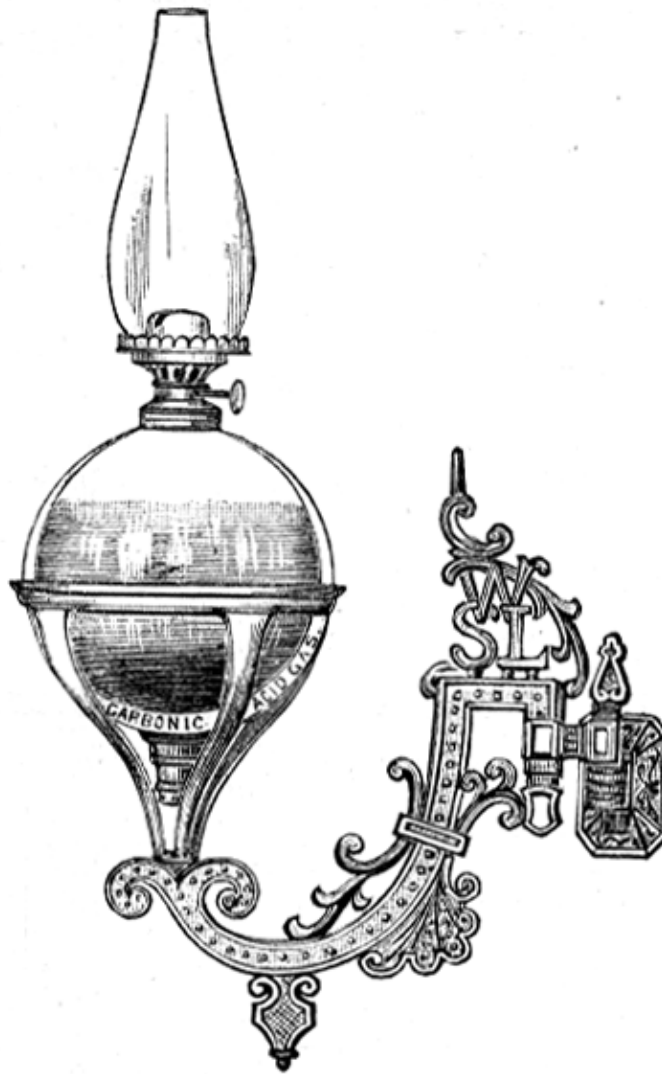
Price, - - - \$20.00 per doz. net.

Complete without Chimneys.

Will burn 14 hours. These lamps all have Dyer's Patent  
Filler without extra charge.

(8)





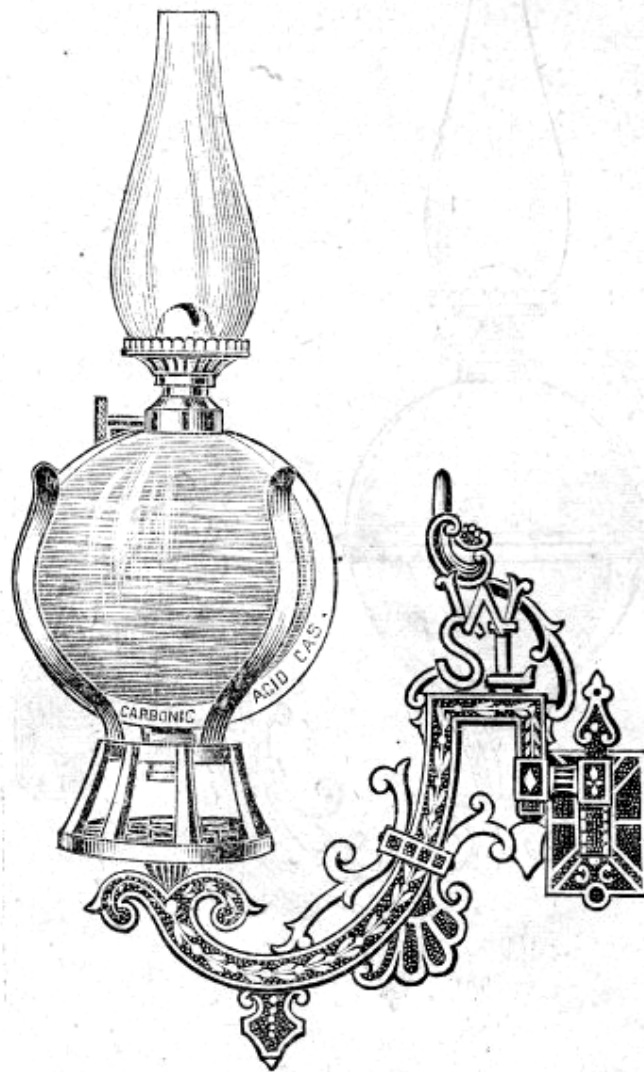
**No. 3. Bracket Lamp.**

BASKET HOLDER.

Price in French Bronze, - £20.50 per doz. net.

Complete, without Chimneys.

Will burn 14 hours. These lamps all have Dyer's Patent  
Filler without extra charge.



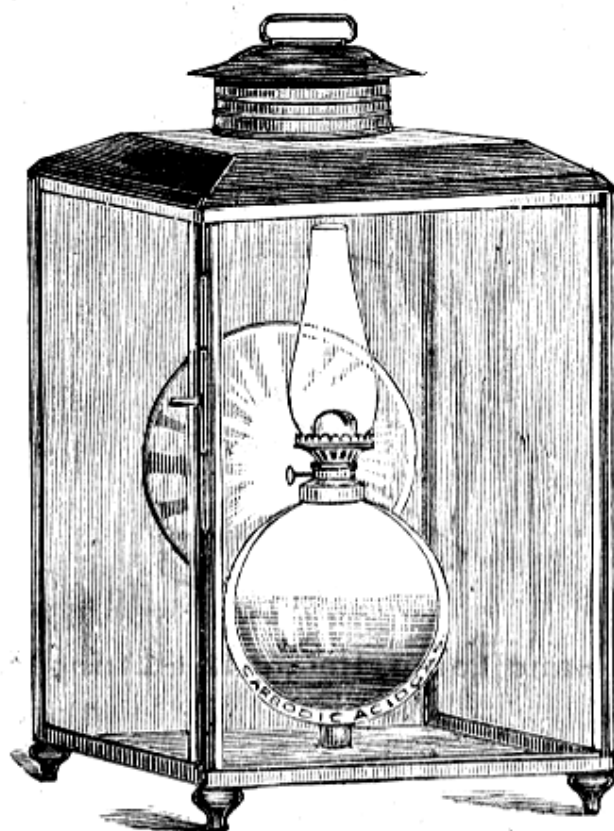
**No. 4. Bracket Lamp.**

SPRING HOLDER.

Price for French Bronze, - \$22.50 per doz. net.

Complete, without Chimneys.

Will burn 14 hours. These lamps all have Dyer's Patent  
Filler, without extra charge.



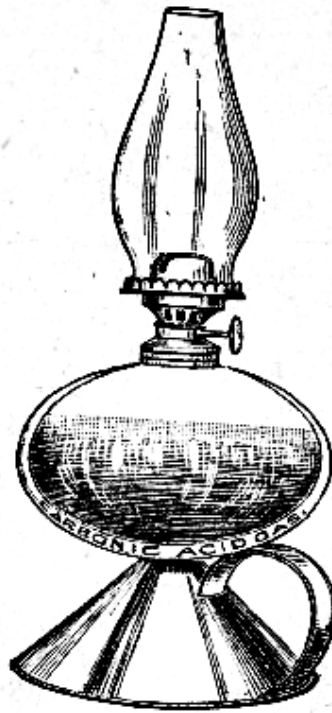
**No. 9. Box Light with Reflector.**

For Stables, Depots, Warehouses, Picker Rooms, &c.

Price,        -        -        -        \$4.00 each, net.

Complete, without chimneys.

Will run 14 hours. These lamps all have Dyer's Patent  
Filler without extra charge.



**Hand Lamp, Height 12 1-2 Inches.**

Price,        -        -        -        \$16.00 per doz. net.

Will burn 10 hours. These lamps all have Dyer's Patent  
Filler without extra charge.



**No. 7. Founts.**

Price,        -        -        -        \$12.00 per doz. net.

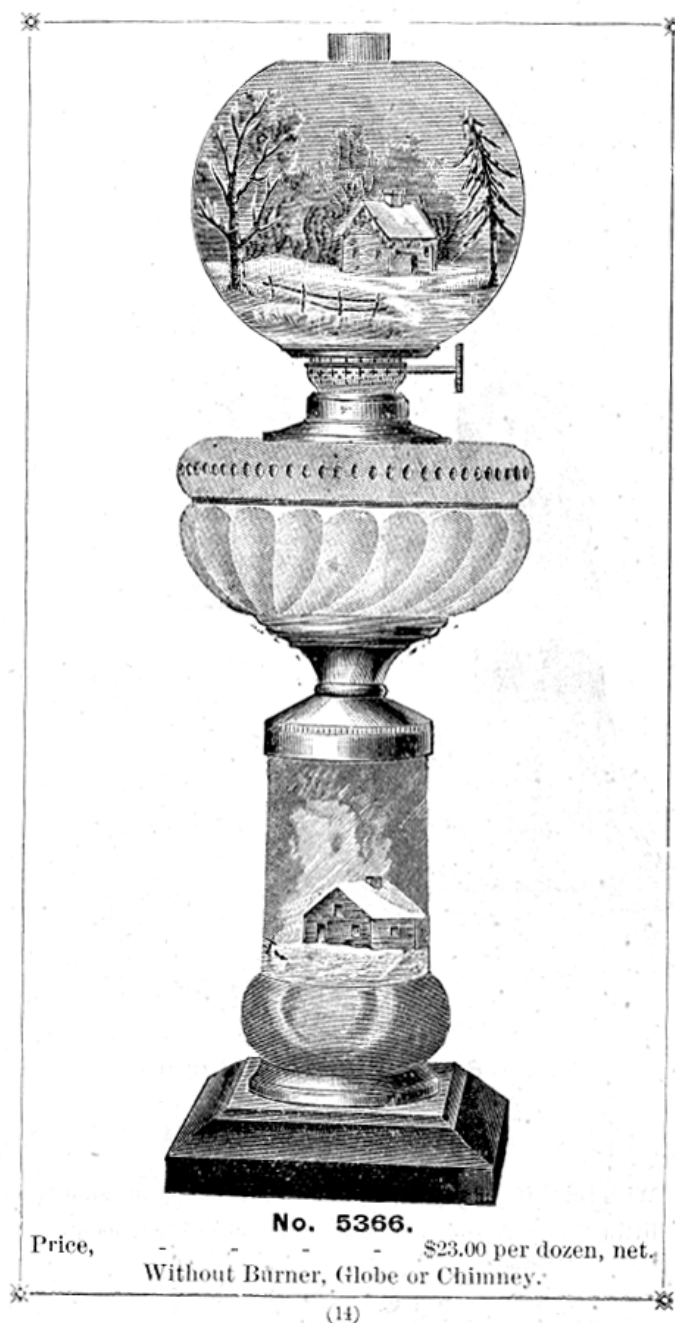


**Dyer's Patent Filler Attachment.**

Price, - - - - - \$1.80 per dozen.

With this attachment you can fill your lamps by simply lifting by the Burner and pouring the oil into the opening.

(13)



Editor's Note: We were struck by the similarity of the painted farm scene décor on this and on a number of the following lamps to the hand-painted décor attributed to the real Mary Gregory who worked for the Boston and Sandwich Glass Company in the early 1880s. Mary Gregory's career and work are discussed in "The Illuminator", Vol. 2 No. 1, Spring 1988 article written by Catherine Thuro and in Volume 4 of "The Glass Industry in Sandwich" by Raymond Barlow and Joan Kaiser. Could these parts of these lamp have been produced for Westland by the Boston and Sandwich glass company?



**No. 5299.**

Price, - - - - \$19.00 per dozen, net.

Without Burner, Globe or Chimney.

(15)



**No. 5296.**

Price, - - - - - \$19.00 per dozen, net.

Without Burner, Globe or Chimney.

(16)





**No. 5349.**

Price, - - - - \$15.00 per dozen, net.

Without Burner, Globe or Chimney.

(17)



**No. 5354.**

Price, - - - - \$14.00 per dozen, net.

Without Burner, Globe or Chimney.

(18)



**No. 5309.**

Price, - - - - \$12.00 per dozen, net.  
Without Burner, Globe or Chimney

(19)



**No. 286.**

Price, - - - - \$12.00 per dozen, net.

Without Burner Globe or Chimney.



**No. 5352.**

Price, - - - - \$14.00 per dozen, net,  
Without Burner, Globe or Chimney.



**No. 5318.**

Price, - - - \$23.00 per dozen, net.  
Without Burner, Globe or Chimney.

(22)



**No. 5308.**

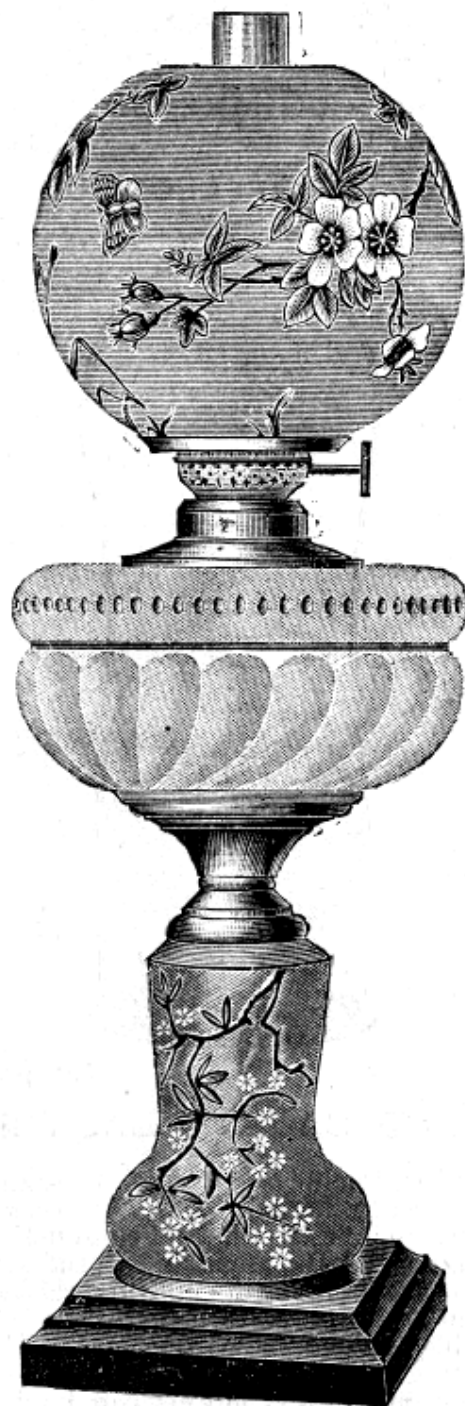
Price, - - - - \$12.00 per dozen, net.  
Without Burner, Globe or Chimney.



**No. 5361.**

Price, - - - - \$15.00 per dozen, net,  
Without Burner, Globe or Chimney.





**No. 5357.**

Price, - - - - \$15.00 per dozen, net.

Without Burner, Globe or Chimney.

(25)

**WICKS.**

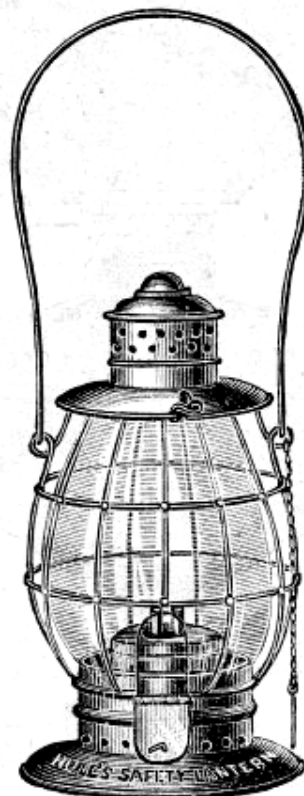
Price, - - - 75 cts. per gross.

**CHIMNEYS.**

Price, - - - 75 cts. per dozen.

**GLASS REFLECTORS.**

Price, - - - \$5.00 per doz.



Price, - - - \$15.00 per doz. net.

### HULL'S SAFETY LANTERN.

The fires in the Pacific and Cordis Mills, and other previous fires caused by the bottom of lanterns dropping out and setting fire to inflammable and combustible material, has caused us to give this matter careful attention, and with a view to meet the wants in this respect we have made the Hull Safety Lantern with solid bottom, and only adjustable at the top. At the base of the globe is a trap for lighting and picking up wick, overcoming the great objection in all other lanterns of having to adjust same in order to light or pick up the wick. We offer them to the public with the endorsement of all the Manufacturing Mutual Insurance Companies in New England, as will be seen by the following Testimonials. Manufactured and for sale by

WESTLAND SAFETY LAMP Co., Providence, R. I.

## TESTIMONIALS.

BOSTON MANUFACTURERS MUTUAL FIRE INS. CO., }  
131 Devonshire St., Boston, Feb. 6, 1883. }

MESSRS. WESTLAND SAFETY LAMP CO.

*Dear Sir:*—I have examined the lantern submitted by you, in which it is intended to burn sperm oil. I consider the lantern safe for use, and we shall be glad to see it adopted by our members. Yours truly,

EDWARD ATKINSON, President.

### CONCURRED IN:

Mill Owners Mutual Fire Insurance Co.,  
Wm. H. Kent, President.

Cotton and Woolen Mfrs. Mutual Insurance Co.,  
B. F. Taft, Secretary.

Rhode Island Mutual Fire Insurance Co.,  
G. C. Nightingale, President.

Fireman's Mutual Insurance Co.,  
E. Barrows, President.

State Mutual Fire Insurance Co.,  
R. B. Chapman, President.

Enterprise Mutual Fire Insurance Co.,  
C. H. Chapman, Asst. Secretary.

American Mutual Fire Insurance Co.,  
Robert B. Chapman, Secretary.

Manufacturers Mutual Fire Ins. Co. of R. I.,  
H. H. Ormsbee, President.

Mechanics Mutual Fire Insurance Co.,  
H. H. Ormsbee, Secretary.

What Cheer Mutual Fire Insurance Co.,  
L. T. Downes, President.

Fall River Mfrs. Mutual Insurance Co.,  
Isaac B. Chace, Secretary.

Blackstone Mutual Fire Insurance Co.,  
Wm. F. Worch, Secretary.

Merchants Mutual Fire Insurance Co.,  
Wm. F. Worch, Secretary.

Worcester Manufacturers Mutual Ins. Co.,  
S. P. Barton, Secretary.  
Hope Mutual Fire Insurance Co.,  
D. M. Downes, Secretary.

ENDORSED BY

Arkwright Mutual Fire Insurance Co.,  
E. H. Sprague, Secretary.

CHICAGO, ILL., April 25, 1884.

WESTLAND SAFETY LAMP Co.,

*Gentlemen:*—We have examined the Watchman's Lantern submitted by you, and intended to burn sperm oil, with bottom soldered in, and ventilators protected with wire gauze; and have also examined the box light submitted by you, with sliding front and wire gauze protection, and have no hesitation in endorsing the same as the safest lantern and box light that we have yet seen, fulfilling all theoretical requirements, and especially adapted for use in flour mills and other manufacturing establishments where the air is full of lint, dust and gas. We recommend the use of a Lantern and Box Light of this pattern to the members of our Company.

Yours truly,

Mississippi Valley Manufacturers Mutual Insurance Co.,  
William E. Smith, Manager.

Western Manufacturers Mutual Insurance Co.,  
P. A. Montgomery, Secretary.

Manufacturers and Merchants Mutual Insurance Co.,  
Geo. S. Roper, Secretary.

Mutual Mill Insurance Co.,  
William E. Smith, Secretary.

Illinois Mutual Insurance Co.,  
H. G. M'Pike, Secretary.

Millers and Manufacturers Mutual Insurance Co.,  
C. B. Shove, Secretary.

[FROM PROVIDENCE JOURNAL.]

Kerosene oil is now in such almost universal use for illumination, that anything which makes it safer for life and property is a great public benefit. The new "Patent Safety Lamp," recently invented by Charles S. Westland, of this city, is claimed to be the best lamp yet produced for sure protection from all danger in burning kerosene and other inflammable oils, its great advantage being that in case of the breaking or bursting of a lamp it extinguishes itself. Each of these new safety lamps contains an hermetically sealed chamber of carbonic acid gas that escapes and prevents the oil taking fire on breakage of the lamp, as has been conclusively proven by experimental tests made with a large number of these lamps. A practical test of the new lamp was made at the Hope Iron Foundry, last Tuesday afternoon, before several insurance men and manufacturers, with satisfactory results to all present, and this test was a severe one, the lamp being heated, outside, until it exploded, while lighted, and was extinguished by the escaping gas.

The official records of the New York Fire Department show that over one-third of the fires there originate in the breaking or bursting of kerosene oil lamps, and the reports in the daily papers show it to be the most frequent cause of fire wherever such oils are used, and very forcibly presents the great advantage and security of a kerosene lamp that extinguishes itself, to all owners of combustible property. Any further information on the subject can be obtained by addressing the inventor, Charles S. Westland, Providence, R. I.

[FROM NEW LONDON TELEGRAM.]

An interesting test was made this morning of the claims which Mr. Charles S. Westland, the inventor of the "Safety Lamp," makes for his invention. A number of well-known citizens, including the Chief of the Fire Department, witnessed the experiments which Mr. Westland made, and which were satisfactory in every instance. It would appear that by this invention is obviated any danger from the explosion of kerosene, or indeed the ignition of the oil from the simple breaking of a lamp. The Safety Lamp consists of an ordinary glass globe, in

which the kerosene is contained, surrounded by an hermetically sealed chamber, which is filled with carbonic acid gas. In case of an explosion, or the breaking of the lamp by any means, the gas escapes and the oil refuses to ignite.

The undersigned favor the use of the Westland Safety Lamp for burning kerosene oil in premises insured by them, because they believe it to be one of the safest lamps that has yet been invented.

Signed, BOSTON MFRS. MUTUAL FIRE INS. CO.

Edward Atkinson, *President.*

Wm. B. Whiting, *Secretary.*

Boston, Dec. 18, 1879.

PROVIDENCE, Dec. 10, 1879.

The undersigned recommend the Westland Safety Lamp, considering it excellently adapted for Mills and general use, on account of its "Safety," Substantiability, Economy and many convenient features:

G. C. Nightingale, Pres. R. I. Mutual Fire Ins. Co.

Henry H. Ormsbee, Pres, Mfrs. " " "

E. Barrows, Sec'y Firemen's Mutual Ins. Co.

J. S. Parish, Prest. Atlantic Fire and Marine Ins. Co.

L. T. Downes. Sec. What Cheer Mut. Fire Ins. Co.

R. B. Chapman, Pres. State Mutual Fire Ins. Co.

H. H. Ormsbee, Sec. Mechanics Mutual Fire Ins. Co.

William Viall, Pres. Firemen's Mutual Ins. Co.

Fred. W. Arnold, Pres. Equitable Fire & Marine Ins. Co.

J. H. DeWolf. Pres. Providence Washington Ins. Co.

W. T. Barton, Pres, Merchants Ins. Co.

Office of the Arkwright Mutual Fire Ins. Co., }  
131 Devonshire St., Boston, Dec. 20, '79. }

The undersigned favor the use of the Westland Safety Lamp for burning kerosene oil in premises insured by them, because they believe it to be one of the safest lamps that has yet been invented.

Arkwright Mutual Fire Ins. Co.,

Waldo Higinson, *President.*

E. H. Sprague, *Secretary.*

We concur with the above:

Cotton and Woolen Manufacturers Mutual Ins. Co.

B. F. Taft, *Secretary.*

Mill Owners Mutual Fire Insurance Co.,

W. H. Kent, *President.*

F. S. Cabot, *Secretary.*

UNITED STATES OFFICES.

Imperial Fire Ins. Co. and Northern Assurance Co.,  
of London,

R. D. Alliger, *Resident Manager.*

No. 33 Pine St., New York, Dec. 23, 1879.

ADDISON H. WHITE, Esq., Providence, R. I.

*Dear Sir* :—Having carefully examined the “Westland Safety Lamp,” I take great pleasure in endorsing it as a preventative against disaster in the use of kerosene oil for light, and heartily recommend the same to mill owners, manufacturers, and the public generally.

Very truly yours, R. D. Alliger, *Resident Manager*.

Office of Home Ins. Co., No. 119 Broadway, }  
New York, Dec. 23, 1879. }

ADDISON H. WHITE, Esq., Providence, R. I.,

*Dear Sir* :—As an officer of this Company, or as a private individual, did I ever suppose that I could justify myself in recommending the use of kerosene oil for lights; but the “Westland Safety Lamp” has made a convert of me, and so confident am I of its safety (if used in this lamp) that I can confidently recommend its use in cotton and woolen mills, indeed in manufacturing establishments generally, and finally, in any capacity where artificial light is required.

Yours truly, A. F. Wilmarth, *Vice President*.

Office of Franklin Bros. Stable, Dorrance St., }  
Opposite Narragansett Hotel. }  
Providence, April 20, 1881. }

WESTLAND SAFETY LAMP CO.,

We have been using your Lamps for more than a year, and have had two accidents, as follows, viz.: One, a horse knocked a lamp out of a bracket by throwing up his head, and it struck in some dry hay and went out at once. The other, a horse caught his tail around a lamp and threw it across the barn into another stall, where a horse was asleep on dry bedding, and it went out without damage. We consider it the best light and safest lamp we ever used.

Truly yours, Franklin Bros.



Extract from a Letter from C. F. Sise, Vice Pres.  
Bell Telephone Co., Montreal.

"We like the lamps very much; they are cheap, give a fine light, burn all night, and are *perfectly safe*. This latter opinion I give as an ex-underwriter.

Yours truly, C. F. Sise,

*Formerly General Agent Royal Canadian Fire Ins. Co. for the United States.*

New York, Dec. 18, 1879.

The undersigned recommend the Westland Safety Lamp, considering it excellently adapted for mills and general use, on account of its *Safety, Substantiability, Economy* and many convenient features.

German American Ins. Co., Jno. W. Murray, *V. Pres.*  
LaConfiance, Paris, Monroe & Mulville, *Gen. Agts.*  
N. British & Mercantile Ins. Co., C. E. White, *Man.*

Meriden Fire Ins. Co., Meriden, Sept. 23, 1880.

*Dear Sir* :—The great danger in the use of kerosene oil for lights seems to have been overcome by the Westland Safety Lamp, and I heartily endorse it for general use.

Yours truly, E. B. Cowles, *Secretary.*

Boston, Dec. 18, 1879.

The undersigned recommend the Westland Safety Lamp, considering it excellently adapted for mills and general use, on account of its *Safety, Substantiability, Economy* and many convenient features.

John C. Paige, Resident Manager, U. S. Branch  
Metropole Insurance Co., of Paris.  
U. C. Crosby, General Agt. Commercial Union  
Assurance Co., of London.

Chief Engineer's Office, No. 15 City Hall, }  
New Haven, Conn., Oct. 2, 1880. }

*Dear Sir* :—After various tests of the "Safety Lamp," I consider it as unquestionably the best and safest lamp for burning kerosene oil yet introduced into the market. The extinguishing qualities of the Carbonic Acid Gas is certainly a very desirable consideration, and it will afford a ready assistance in extinguishing flames in time of accident by explosion or otherwise.

Signed, A. C. Hendrick, *Chief Engineer,*  
*New Haven Fire Dept.*

Wm. J. Burton & Co. (successors to Wm. E. Clarke),  
Registered Pharmacists, No. 28 Market Sq.,  
Providence, R. I., Dec. 26, 1879.

MR. A. H. WHITE, *Dear Sir* :—Your Westland Safety Lamp, which we purchased of you some two weeks ago, has given perfect satisfaction. We have burned it fifty-six hours with one gallon of Home Light Oil. It gives a beautiful, steady light, nearly equal to gas, and at about one-fifth the price of the same. Understanding from experience the virtue of carbonic acid gas as a fire extinguisher, we can recommend the Westland Safety Lamp for its *safety* as well as its economy.

Very respectfully, W. J. Burton & Co.

Reynolds Manufacturing Co's. Cotton Mill, }  
Bristol, R. I., March 27, 1880. }

TO WESTLAND SAFETY LAMP CO.,

*Gentlemen* :—I take pleasure in saying that your Safety Lamps, with which you supplied our entire mill, have given us perfect satisfaction, and we cordially recommend them to the use of manufacturers for safety, durability, good light, and many convenient features.

Yours respectfully, Stephen R. Tucker,  
*Supt. for Reynolds Manufacturing Co.*

ADDISON H. WHITE, ESQ.,

*Dear Sir:*—We are using the Westland Safety Lamps in one of our Mills, and we find the light very satisfactory, and the expense much less than with gas.

W. Stone,

*Supt. Groton Manufacturing Co.,*

March 31, 1880.

Dexter Street Mill.

OFFICE OF THE PAUL WHITIN MFG. CO.,

WHITINSVILLE, MASS., January 23, 1882.

ADDISON H. WHITE, Agent of Westland Safety Lamp  
Company, Providence, R. I.

*Dear Sir:*—One of our weavers, a few evenings since, in taking the cloth off the roll, had the misfortune to knock one of your lighted lamps out of the holder on to the floor, breaking the same. *The acid extinguished the flame instantly*, thus substantiating your claim as to the perfect safety of your lamps in case of accidental breakage, and removing any doubts I had.

We saved last year in the cost of lighting, by oil over gas, more than the whole expense of changing from gas to your lamps.

CHAS. E. WHITIN, *Treasurer.*

Providence, April 1, 1880.

MR. A. H. WHITE, Agent Westland Safety Lamp Co.,  
Providence, R. I.

*Dear Sir:*—We use your lamps in one of our Mills, which give entire satisfaction, and prove exactly as represented. We recommend their use with pleasure.

Yours very truly, Geneva Worsted Mill,

M. S. Ulmann, *Secretary.*

Paul Whitin Manufacturing Co., }  
Northbridge, Mass., Oct. 11, 1880. }

A. H. WHITE, Esq., Agent.

*Sir*:—Please send me a dozen (12) brackets to screw to the wall to hold the lamps I bought of you. We are much pleased with the Lamps, and in our Weaving Room one Lamp gives us more light than two 4-foot gas burners did, and at a much less cost.

Signed, Yours truly, H. F. Whitin,  
*Superintendent Rockdale Mill.*

Office of Dexter Woolen Mills, }  
Dexter, Maine, May 18, 1881. }

WESTLAND SAFETY LAMP CO., Providence, R. I.,

*Gentlemen*:—We have been using 300 of your Safety Lamps the past winter, and consider them the best lamps we have ever used in our Mills. As our other styles of lamps give out we replace with yours.

Very truly, A. F. Bradbury, *Agent.*

CHAS. DYER, JR.,  
AGENT,  
**NO. 2 MARKET SQUARE,**  
**PROVIDENCE, R. I.**