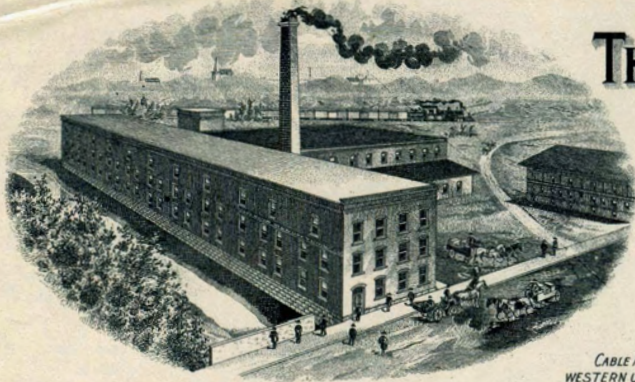


PAPERS AND BROCHURES FROM
THE SUPERIOR
MANUFACTURING COMPANY
ANN ARBOR, MICHIGAN
ca.1900

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CABLE ADDRESS "SUMANCO"
WESTERN UNION AND PRIVATE CODES.

THE SUPERIOR MANUFACTURING CO.



ANN ARBOR, MICH.

Dear Sir:-

Right now is the season when the "Light Man" reaps his harvest. Are you getting your share of the business, and if not, why not?

The "Ann Arbor" line is the most complete in the market. You can supply every man's need, from the man of modest means who can only afford a lamp, to the rich man who wants an elegant lighting system for store or home.

Notice our beautiful line of inverted pressure system fixtures. They are as perfect in operation as in design and are selling at sight. Get in on this inverted system deal at once. These fixtures can be attached to old wire feed system, but don't ask us to exchange old fixtures for new ones. We cannot handle the old fixtures to any advantage.

Remember that your big business is in house lighting systems. Don't let any store lighting business get by you, of course, but in the house lighting you have the big field and the most profitable one.

You can also make some nice sales on individual lamps.

Do you need circulars or catalogs? If so mention it with you next order, and we will include them.

Let us have your orders now.

Yours very truly,

THE SUPERIOR MANUFACTURING CO.

INTRODUCTION.

The invention of the incandescent mantle has made possible the greatest advancement in artificial lighting. In cities where gas is available the incandescent lamp is used in preference to other methods of lighting on account of the superiority of the light produced.

INCANDESCENT LAMPS.

For those who are so situated that city gas is not available, the gasoline lamp furnishes the only means of securing a satisfactory light. Kerosene lamps are greasy and smoky and give very little light. Every housewife knows the amount of work necessary to keep a kerosene lamp looking respectable.

CLEANNESS OF GAS LAMPS.

With the Ann Arbor Incandescent Gasoline Lamps there is none of the smoke and grease. The lamps do not need cleaning more than once each month, and then the burners are only flushed out by gasoline. The glassware does not need cleaning more than once each month. Think of the amount of labor saved by using the Ann Arbor Lamps.

EFFICIENCY.

Every burner of the Ann Arbor Lamps gives 100 candle power of light. Do you realize what this means? It means that every burner gives ten times as much light as the ordinary flat wick kerosene lamp. The light is very powerful and one burner will flood an ordinary living room with light. The quality of the light is perfect. It is soft and easy on the eyes.

ECONOMY.

The Ann Arbor Lamps furnish the cheapest artificial light known. It costs, to produce 100 candle power of light with these lamps, less than it costs to produce 20 candle power with kerosene. The following table shows the cost of maintaining one hundred candle power of various kinds of lights, three hours per night, for one month—90 hours:

Electric (six 16 candle power lights).....	\$ 5.48
Gas (with mantle).....	.56½
Gas (open burner).....	6.39
Kerosene Lamps.....	1.61
Tallow Candles (100).....	15.60
Single Candle.....	.15½
"Ann Arbor Improved" Gasoline Lamps.....	.25

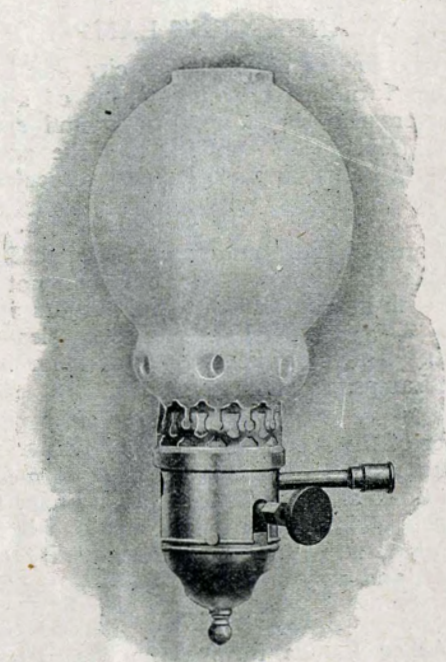
SAFETY.

These lamps are absolutely safe. They are all made in accordance with the rules of the National Board of Fire Underwriters, and no extra insurance premium is charged for their use.

GUARANTEE.

Every lamp is guaranteed to give satisfaction. Read detailed guarantee on page 15. Mantles and glassware are not included in guarantee.

ANN ARBOR LAMPS



ANN ARBOR AIRLIGHT BURNER.

Finished in brass, oxidized, or nickel.

Brass finish (code word Bunk).....	2.50
Oxidized copper (code word Bunker).....	2.50
Nickel plated (code word Bunking).....	2.50

Prices include globe and mantle.

We have adapted our burners to use the airhole glassware and this has proved a decided success. We can furnish this burner fitted to any other make of lamp, providing it is an under-generator.

When ordering burners for any other make of lamp besides the Ann Arbor, send the nipple which connects burner to lamp frame. We can then fit burner to this nipple.

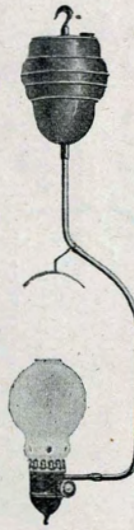
Fix up the old lamp now.

For prices on regular burners, see page 15.



No. 13.

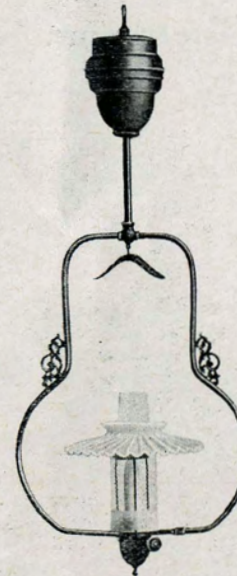
Length of fixture 27 inches.	
Brass (code word Bacon).....	\$5.00
Oxidized (code word Bad).....	5.00
Nickel plated (code word Badge)	5.50



No. 113.

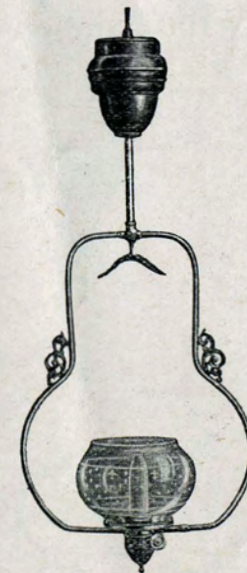
Length of fixture 27 inches.	
Brass (code word Bail).....	\$5.00
Oxidized (code word Bake)...	5.00
Nickel plated (code word Baker)	5.50

100 candle power for each burner.



No. 10.

Length of Fixture 33 inches.	
Brass (code word Bank).....	\$6.50
Oxidized Copper (code word Banker)	6.50
Nickel plated (code word Banking)	6.50



Model 11.

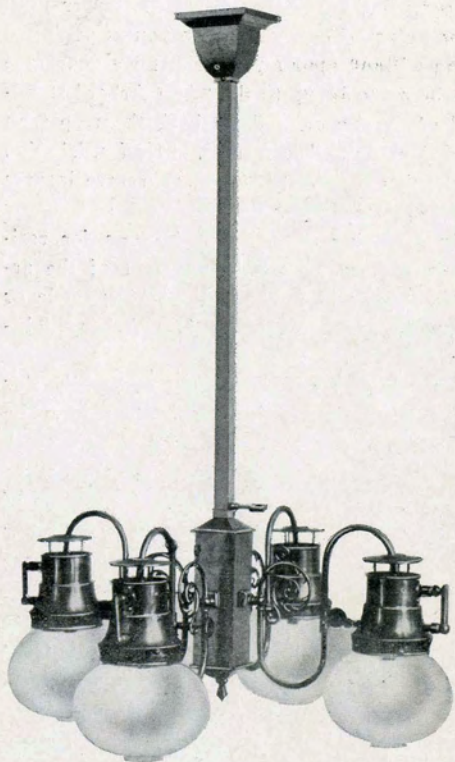
Length of Fixture 33 inches.	
Brass (code word Bandbox)...	\$7.00
Oxydized Copper (code word Bandy)	7.00
Nickel plated (code word Barn)	7.50



No. 600, INVERTED SYSTEM LAMP.
300 Candle Power.

Finished in polished brass, brushed brass,
oxidized copper or nickel plate.

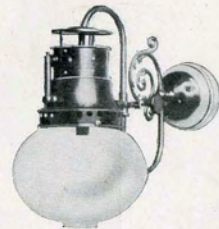
Price \$9.00



No. 601. INVERTED SYSTEM LAMP.
Each Burner 300 C. P.

Finished in polished brass, brushed brass,
oxidized copper or nickel plate.

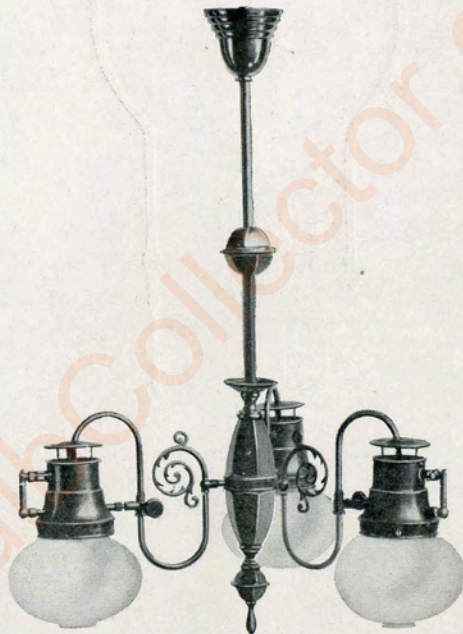
Price, Two light..... \$20.00
Four light \$34.00



No. 602. INVERTED SYSTEM LAMP.
300 Candle Power.

Finished in polished brass, brushed brass,
oxidized copper or nickel plate.

Price \$7.00

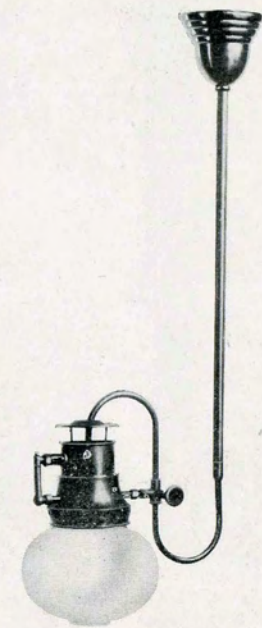


No. 603. INVERTED SYSTEM LAMP.
Each Burner 300 C. P.

Finished in polished brass, brushed brass,
oxidized copper or nickel plate.

Price, Two light..... \$19.00
Three light \$24.00

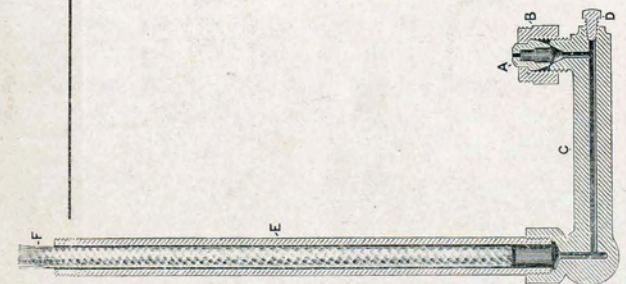
All fixtures shown in this folder must be
used with pressure systems. All 300 candle
power lights should use from 12 to 18 pounds
pressure. For tanks, wire tubing, etc., see
Regular Catalog.



No. 604. INVERTED SYSTEM LAMP.
300 Candle Power.

Finished in polished brass, brushed brass,
oxidized copper or nickel plate.

Price \$10.00



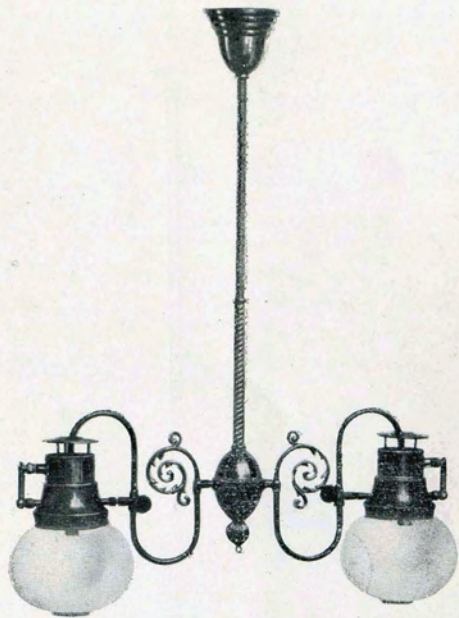
A AND B GENERATOR TIP.

Note special construction. Tip is concave
on inside so that no sediment can settle in
orifice. It is made in form of union and is
easily removed.

E. Generator tube.

F. Packing.

Lamp is generated by hanging alcohol torch
on tip A-B.



No. 605. INVERTED SYSTEM LAMP.
Each Burner 300 C. P.

Finished in polished brass, brushed brass, oxidized copper or nickel plate.

Price, Two lights\$15.00

Extra globes for 300 candle power Inverted System Lamps:

Plain glass, each.....60c
Opalescent80c

For tanks, wire tubing, and fittings, see Regular Catalog.

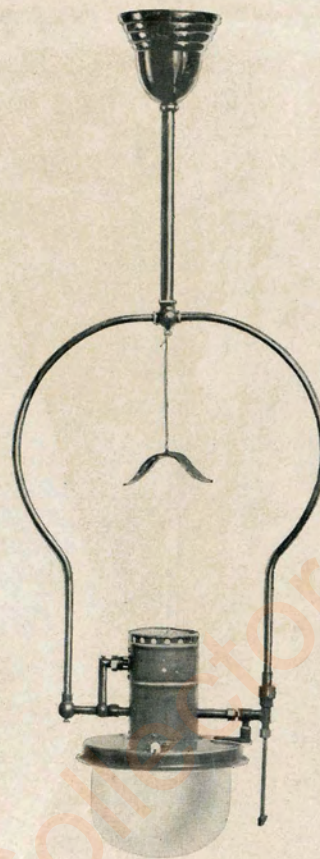
If you want the best you will always use the "Ann Arbor."

Ann Arbor Lighting System

Made by

SUPERIOR MFG. CO.

Ann Arbor, Mich.



MODEL M. INVERTED ARC LAMP.
600 Candle Power.

This lamp is the triumph of two years of careful study and constant experimental work. We offer it to the public as a perfected lamp for commercial lighting. It is extremely neat in appearance and in construction is so simple that it is cared for with the greatest ease. The lamp proper, as shown in the cut, is made of heavy sheet steel enameled with porcelain on both sides, and cannot discolor. The outside is a dark blue and the inside and reflector white. The frame can be had in either oxidized copper or nickel as desired. This lamp requires a pressure of from 20 to 30 lbs. For tanks, wire tubing, and fittings, see Regular Catalog.

Price \$12.00
Extra globes, plain glass, each.....70c
Opalescent glass each.....90c

**Ann Arbor
Inverted Lighting System**

About two years ago the trade began to call for an inverted lamp for residence lighting. Immediately we began experimenting and right away constructed a lamp which would burn alight in our testing room but we did not dare to intrust it to the average user. Time has proven that we were justified in waiting and improving for during the past two years, quantities of inverted gasoline wire feed systems have been put on the market which have proven absolutely worthless.

In the meantime we have been steadily improving the Ann Arbor Inverted Burner until now we are able to offer it to you in perfected form without apology. In short we guarantee the lamps to be up to the "Ann Arbor" standard of excellence, and we back them up with the "Ann Arbor" guarantee. "Nuff sed." You know that the "Ann Arbor" guarantee insures against poor goods.

In designing these inverted lamps for residence use we have not lost sight of the artistic. You will never find anything crude or inartistic under the name Ann Arbor Lighting System.

The lamps are all porcelain enameled. For brass and nickel fixtures the lamp is white enamel, and for oxidized copper black enamel.

These 300 candle power fixtures must be used with the pressure system. A pressure of from 12 to 18 pounds should be used. For supply tanks, wire tubing and fittings see Regular Catalog.

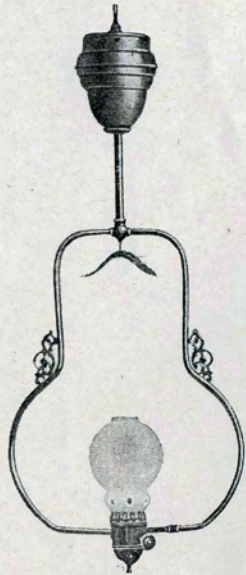
All fixtures shown in this folder are also adapted for store or church lighting, but the 300 candle power fixtures should use from 12 to 18 lbs. of pressure and not more.

Ann Arbor Lighting System

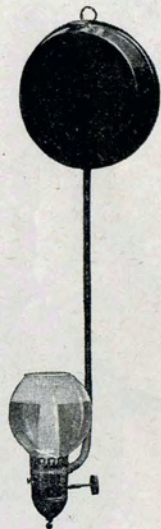
Made by

SUPERIOR MFG. CO.

Ann Arbor Mich.

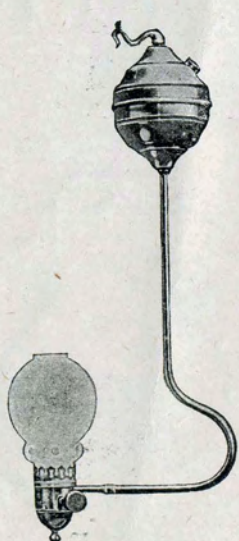


No. 110.
Length of Fixture 33 inches.
Brass (code word Barker).....\$6.50
Oxidized Copper (code word
Bark) 6.50
Nickel plated (code word Bar) 7.00



No. 300.
Length of fixture 30 inches.
Iron wall lamp, Jappaned (code
word Born)\$3.50

100 Candle Power for Each Burner.



No. 52.
Length of fixture 27 inches.
Brass (code word Back).....\$4.50
Oxidized Copper (code word
Backbite) 4.50

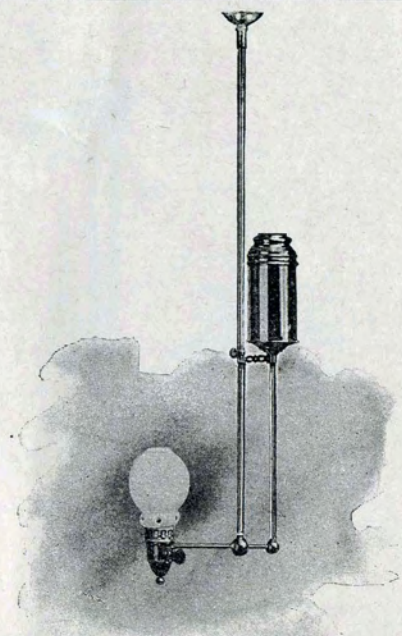


No. 51.
Length of fixture 27 inches.
Brass (code word Babbble).....\$4.50
Oxidized Copper (code word
Babe) 4.50



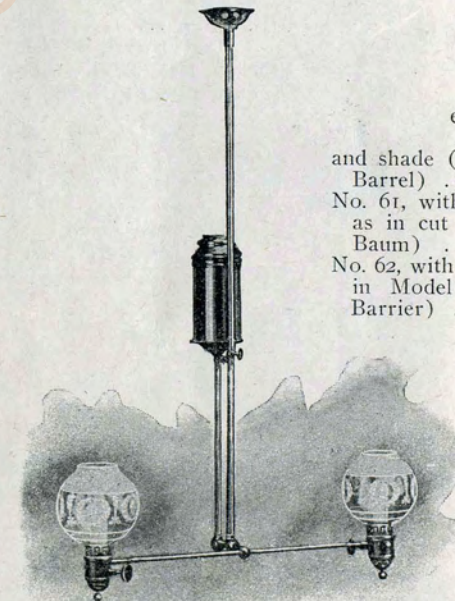
No. 14.
Length 27 inches.
Brass\$6.00
(Code word Bald.)
Oxidized Copper 6.00
(Code word Bale.)
Nickel Plated... 6.50

No. 114.
Same as above with
"Airlight" burner.
Brass\$6.00
(Code word Bal-
loon.)
Oxidized Copper 6.00
(Code word Ballot.)
Nickel Plated... 6.50
(Code word Balm.)

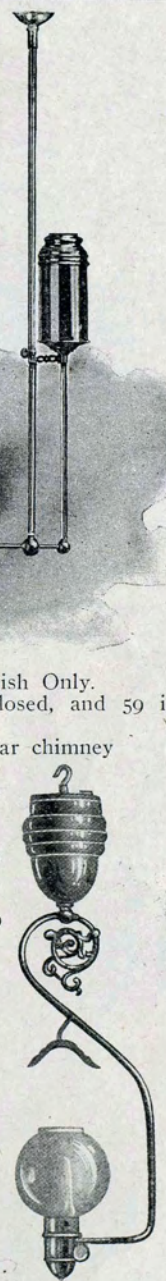


Nickel Finish Only.
Length 37 in. closed, and 59 in.
extended.

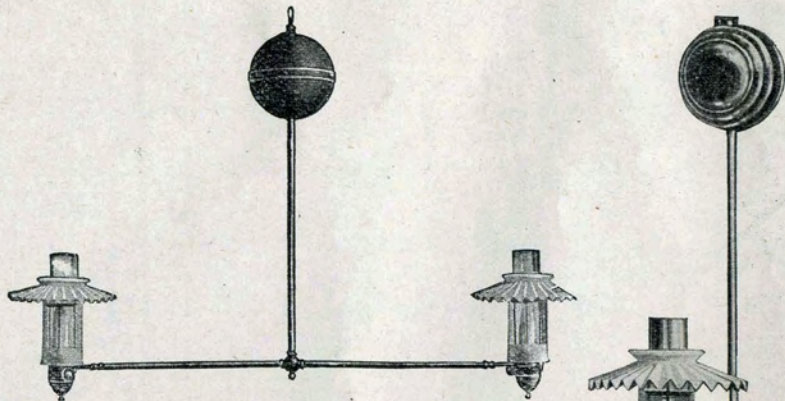
No. 60, with regular chimney
and shade (code word
Barrel)\$8.00
No. 61, with "Q" opal globe,
as in cut (code word
Baum)\$8.00
No. 62, with "Diana" globe, as
in Model 72 (code word
Barrier) 8.00



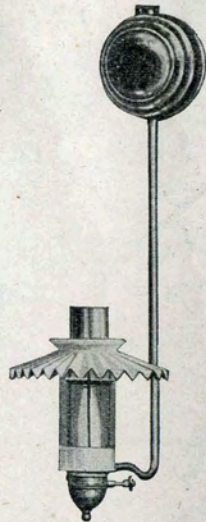
Nickel Finish Only. Length, 37 in. closed,
59 in. extended; spread, 21 in.
No. 70, with regular chimney and
shade (code word Bashful)..... \$12.00
No. 71, "Q" opal globe, Airlight
burner (code word Base)..... 12.00
No. 72, with "Diana" globe as in cut
(code word Bann)..... 12.00



No. 214. Length, 27 in
Brass (code word Ban-
ner)\$6.00
Oxidized copper (code
word Banning)..... 6.00
Nickel plated (code word
Bap) 6.50



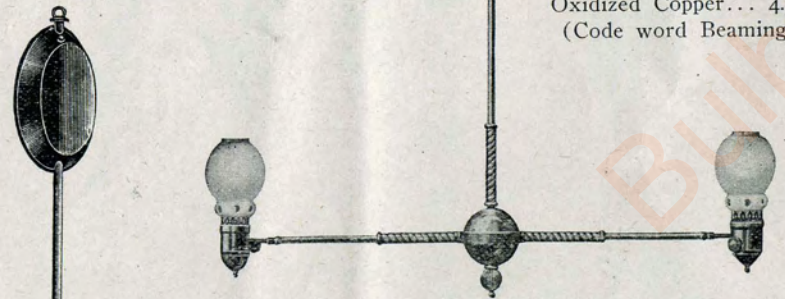
No. 15. Length, 24 in.; spread, 36 in.
 Brass (code word Bask).....\$8.25
 Oxidized copper (code word Basket)..... 8.25



Model 20.
 Length 27 inches.
 Brass\$4.50
 (Code word Bead.)
 Oxidized Copper .. 4.50
 (Code word Beadle.)

No. 115. Same as above, with "Airlight" burner.
 Brass (code word Batter).....\$8.25
 Oxidized copper (code word Battery)..... 8.25

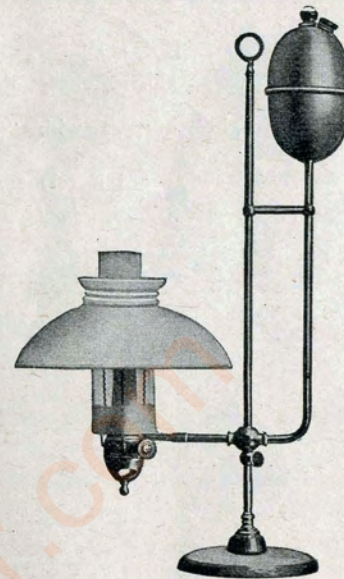
Model 399 — Gasoline
 Torch for out-of-doors
 use.
 Price\$3.00
 ..(Code word Beard.)



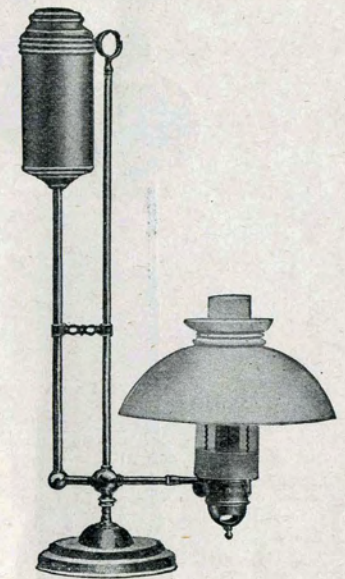
No. 117. Length, 24 in.; spread, 36 in.
 Brass (code word Bay).....\$10.00
 Oxidized copper (code word Bawl)..... 10.00

No. 17. Same as above, but with shade and
 chimney instead of Airlight globes.
 Brass (code word Battle).....\$10.00
 Oxidized copper (code word Bauble)..... 10.00

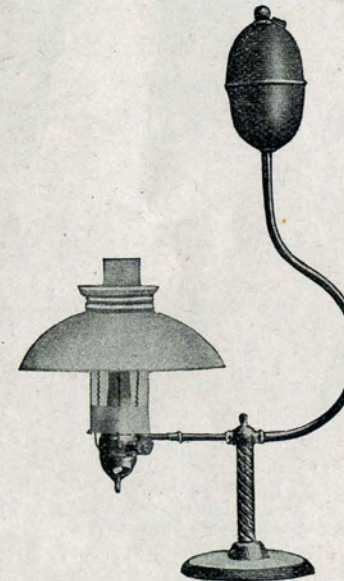
Model 399.



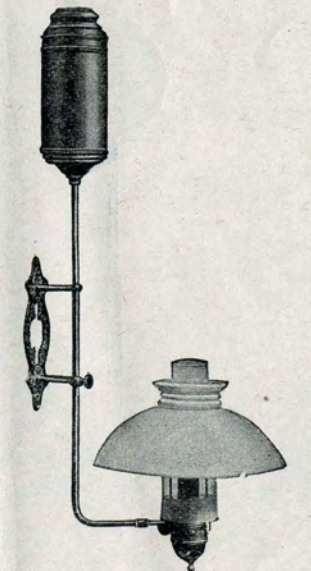
No. 25.
 University—Nickel Plated.
 With 8 in. dome shade (code
 word Beast)\$6.00
 With 10 in. dome shade (code
 word Beastly) 6.50



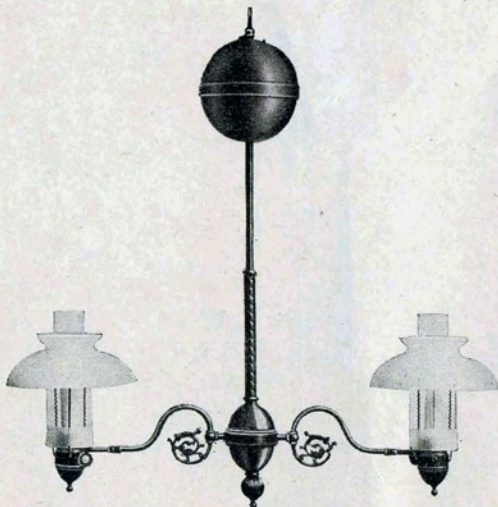
No. 27.
 Removable Tank—Nickel Plated.
 With 8 in. dome shade (code
 word Bet)\$7.50
 With 10 in. dome shade (code
 word Betide) 8.00



No. 26.
 Table Lamp—Nickel Plated.
 With 8 in. dome shade (code
 word Bean)\$5.50
 With 10 in. dome shade (code
 word Bed) 6.00

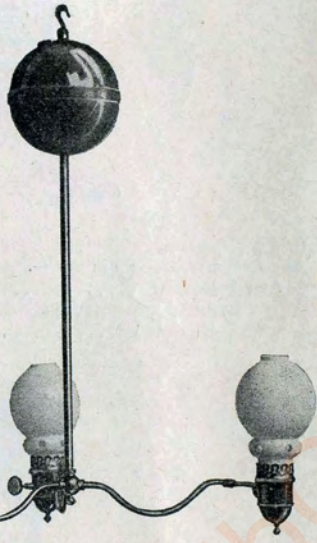


No. 23.
 Bracket Wall Lamp with Removable
 Tank—Nickel Plated.
 With 8 in. dome shade (code
 word Bevel)\$6.00
 With 10 in. dome shade (code
 word Bevy) 6.50



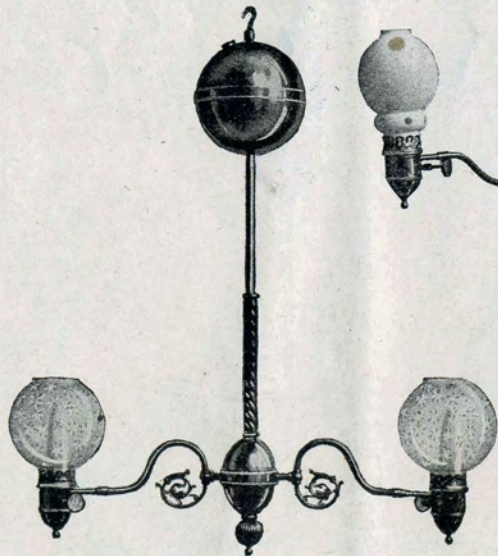
No. 19—Length, 29 in.; spread, 24 in.
 Brass (code word Bitter).....\$12.00
 Oxidized copper (code word Bit-
 ting) 12.00
 Nickel plated (code word Betray) 12.00
 100 candle power for each burner.

No. 119.
 Same as No. 19, except that
 "Airlight" burners with "Q"
 opal globes are used.
 Brass (code word Bevel) 12.00
 Oxidized copper (code
 word Bevy)..... 12.00
 Nickel plated (code word
 Beware) 12.00



Model 199.

Length 29 in. Spread 28 in.
 Two lights, brass (code
 word Big).....\$ 8.00
 Two light, oxidized cop-
 per (code word Bight) 8.00
 Three lights, brass (code
 word Bigot)..... 12.00
 Three lights, oxidized
 copper (code word Bi-
 jou) 12.00



No. 219—Length, 29 in.; spread 24 in.
 Brass (code word Bib)..... \$12.00
 Oxidized copper (code word Bib-
 ber) 12.00
 Nickel plated (code word Bible). 12.00

No. 299.
 Same as above, with shade
 and chimney.
 Two lights, brass (code
 word Breeze).....\$ 8.00
 Two lights, oxid. cop.
 (code word Breach). 8.00
 Three light, brass (code
 word Briar) 12.00
 Three light, oxid. cop.
 (code word Bribe)... 12.00



Model 24.

Length 42 inches; spread 26 inches.

Prices of No. 88.

2 light, brass (code word
 Black) \$15
 2 light, ox. copper, (code
 word Blacking) \$15
 3 light, brass (code word
 Blame) \$20
 3 light, ox. copper (code
 word Blank) \$20

We will equip this lamp with
 any style of glassware shown
 in catalog at the same price.

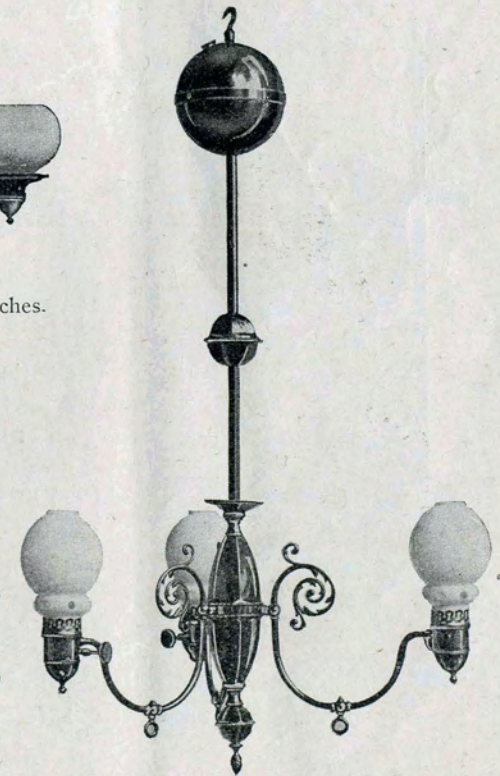
150 candle power for each
 burner.

Prices of Model 24.

2 lights Brass (code word Bill)\$15.00
 2 lights Oxidized Copper (code
 word Billet) 15.00
 3 lights Brass (code word Bil-
 lion) 20.00
 3 lights Oxidized Copper (code
 word Billom) 20.00
 4 lights Brass (code word Bin) 25.00
 4 lights Oxidized Copper (code
 word Bind) 25.00

Above prices include spring exten-
 sion as shown in cut.

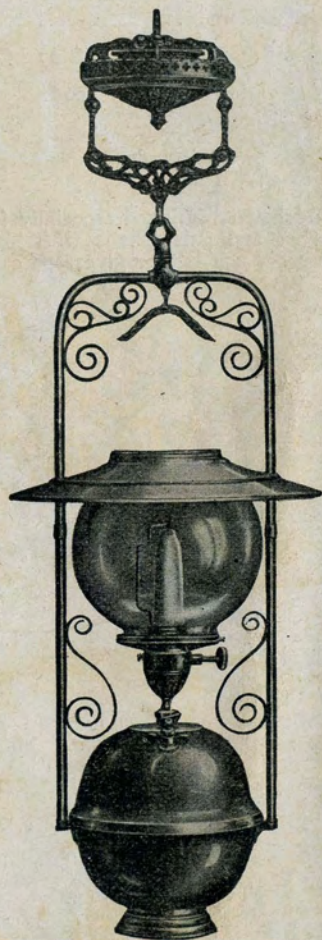
Model 24 is designed especially for
 churches and public halls with high
 ceilings. Each burner gives 150 can-
 dle power of light.



No. 88. Length 33 in., spread 27 in.
 A handsome fixture for parlor or public
 hall.

Prices of No. 1 Arc.

- With foot pump and extension code word Bold).....\$18.00
- Without extension (code word Bond) 16.00
- Without foot pump or extension (code word Bonday)..... 15.00



No. 1 Arc. 700 c. p.
Finished in Oxidized Copper.



EXTENSION.

The Spring Extension is used with any of the pendant lamps. It makes a great addition to lamp. With this the lamp may be automatically adjusted to any height and can be run down very low for filling, so that lamp is never taken from the hook. Extension 46 in.

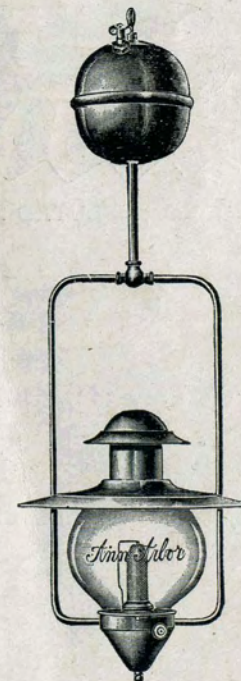
PRICE.

- Brass (code word End)..... \$2.00
- Oxidized copper (code word Ending) 2.30
- Nickel (code word Endow)..... 2.30

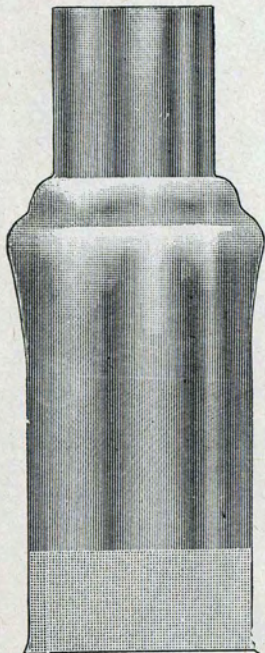
In ordering Extension be sure to designate the model number of lamp with which it is to be used. This is necessary in order to send Extension with proper tension.



No. 2—Arc Lamp. 500 c. p.
Finished in Oxidized Copper.
Price with foot pump.....\$12.00
(Code word Blaze.)



Street Lamp. 700 c. p.
Finished in Oxidized Copper.
Price with foot pump.....\$18.00
(Code word Bless.)



NO. 590 CHIMNEY

NO. 590. MACBETH CHIMNEY.
Broken Packages, per dozen\$2.20
Original Package, six dozen in package.. 1.90

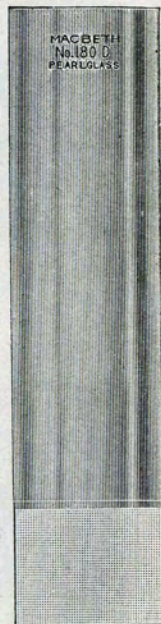
NO. 180 CHIMNEY.
Broken Package, per dozen\$1.60
Unbroken Packages, 6 doz. in package.. 1.50

NO. 74 FLUTED SHADE
Broken Package, per dozen\$2.20
Original Package, 6 doz. in package..... 1.90

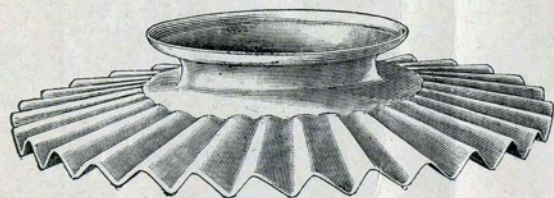
8-INCH DOME SHADE.
Broken Package, per dozen\$3.00
Unbroken packages, 4 doz. in package,
per dozen 2.50



8-INCH DOME SHADE



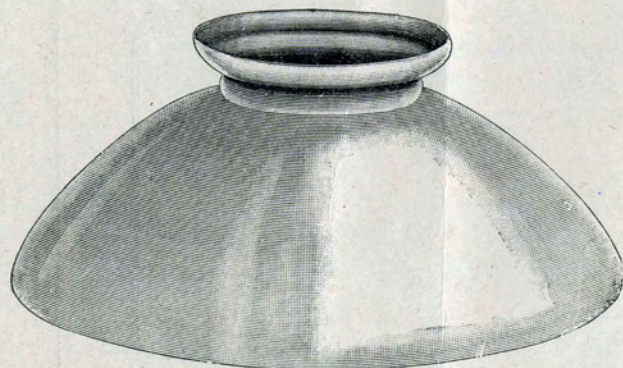
NO. 180 CHIMNEY



NO. 74 FLUTED SHADE



NO 43 EYE SCREEN



10-INCH DOME SHADE

10-INCH DOME SHADE
White50c \$5.00
Green\$1.10 12.00

NO. 43 EYE SCREEN.
White20c \$2.00
Green50c 5.00

NO CHARGE FOR PACKAGE.



THE ANN ARBOR
No. 32
MANTLE.

Is made for use on gravity gasoline lamps. It is not only strong and durable but has a very high candle power. It is the best mantle for gravity lamps.

Price per dozen...\$2.50
Lots of 50\$8.50
Lots of 10017.00



No. 1. CAP MANTLE.

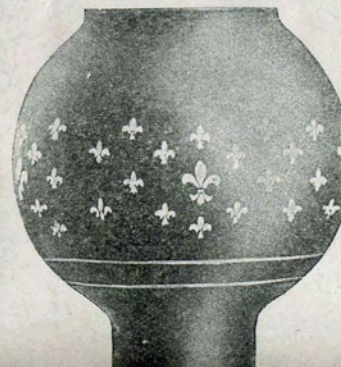
This cap is made to fit the Ann Arbor burner only. The mantle is the same quality as No. 1 Arc.

Price, each 40c
Dozen\$4.00
Fifty 15.00
One Hundred30.00

CAUTION.

Do not try to use gas cap mantles on our lamps or system. The screen in the gas mantle spoils the generator.

This mantle is very convenient to handle and can be used on Ann Arbor pressure lamps and systems.



No. 598.

Diameter of Globe, 5 1/2 in.

Can be used on Ann Arbor Lamp in place of airhole glassware. It is very ornamental in the fancy etched finish.

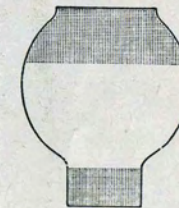
Price per doz., fancy etched\$3.50

Price per doz., frosted

No. 1.
ARC FOR PRESSURE LAMPS AND SYSTEMS

This is without doubt the best and strongest mantle for high pressure lamps. It is 4 1/2 inches long, and can be used on high pressure lamps and systems only.

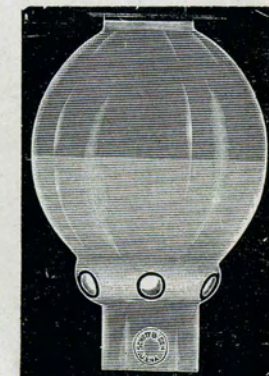
Price per dozen...\$3.50
Lots of 5013.00
Lots of 10026.00



MACBETH
NO. 594
PEARL GLASS.
LENGTH 5/8 IN.
DIAM. BOTTOM 2 IN.

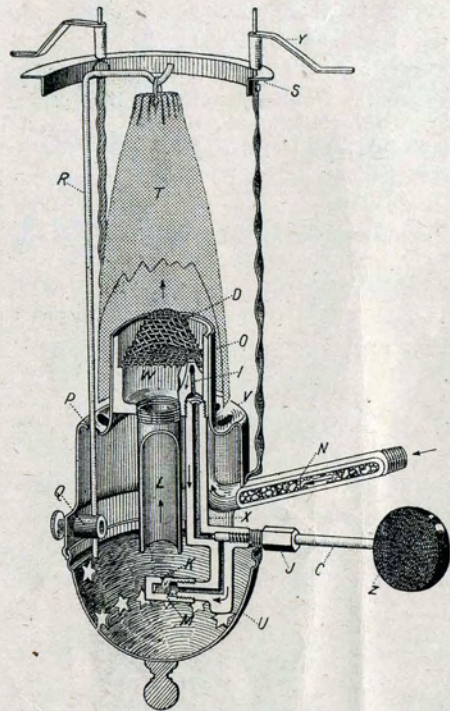
Can be used in place of air hole glassware on Ann Arbor lamp.

Price, per dozen...\$1.60

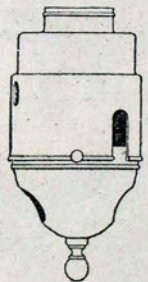


Q OPAL GLOBE
Imported Q Opal Globe, broken packages, per dozen\$3.50
Original package, 18 dozen in a package per

Burner Parts



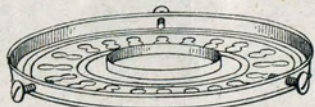
N Packed Tube.....	\$.20
L W Burner Body.....	.60
Screens, per pair.....	.06
K Tip.....	.10
C Z Handle.....	.10
J Packing Nut.....	.10
Angle Piece.....	.50
Burner without gallery....	1.40
(Postage 6c.)	
Gallery, with either style of globe or chimney holder	.60
(Postage 5c.)	
Gallery with all three styles of globe and chimney holders	1.00
(Postage 10c.)	
Each separate globe or chimney holder, each....	.20
(Postage 3c.)	
Burner and gallery complete	2.00
(Postage 12c.)	
Exchange price of old burner for new one of same pattern	1.00
(Postage 6c.)	
Asbestos torch, for lighting	.10
Cleaning needle.....	.06
Prices for postage are net.	



Gallery Shell.



Regular Chimney Holder



4 inch Globe Ring.



Chimney Holder for "Airhole" and fancy glassware.

DIRECTIONS FOR OPERATING THE ANN ARBOR GASOLINE LAMPS.

FILLING.

See that the valve, C, is closed. Remove filler cap on top of tank, and fill with good, clean stove gasoline, free from sediment or foreign oils, until indicator wire on tank moves.

CAUTION.

Never fill a lighted lamp. It is well to have a hook in an open place on which to hang the lamp while filling. Remove any excess of gasoline from the outside of the lamp before lighting.

PLACING THE MANTLE.

Directions for placing the mantle are found on mantle box.

LIGHTING—DO NOT OPEN VALVE UNTIL BURNER IS HOT.

Dip the small torch which comes with the lamp, in a little wood alcohol, insert in opening, U, and light. When it has burned about thirty seconds, place the burning torch at the top of the chimney and open valve, C, about one full turn. The gas will light at once. IF THE LAMP FLAMES UP IT SHOULD BE HEATED AGAIN.

If the lamp fails to give good light, first see that there is gasoline in the tank; second, see that the valve is open; third, insert cleaning needle in orifice, K. Do not use a pin or needle. If the mantle becomes smoked, it may be due to an obstruction of the jet, K; impurities in the gasoline; to a hole in the mantle; to the jet, K, not being vertical; to a dirty screen in the burner, or to the mantle being set too low. It can usually be cleared by turning the light up or down several times. If the smoke on the mantle is dense, sprinkle a little salt on it, and repeat the operation. To line up the jet, K, lift off the burner gallery, V, after removing glassware, and take out the burner screens, D. Turn on the gasoline and if the jet, K, is not *exactly vertical and central* with the induction tube, L, straighten the tip carefully with a pair of pliers.

CARE OF LAMP.

Once every month, or at least every six weeks, the burner should be flushed out as follows: Remove gallery from burner and take out screens D. Open valve Z and allow cold gasoline to flow through burner. Use cleaning needle at K. The gasoline will wash out all impurities and keep burner from clogging. This is important.

GUARANTEE.

This lamp is fully guaranteed for the period of one year from date of purchase, mantles and glassware excepted. Any part becoming defective during the period of time except through breakage by careless handling, will be replaced free of charge. Defective parts must be returned prepaid before they will be replaced.

After the period of one year, burners may be exchanged for new one of the same pattern by paying fifty (50) cents.

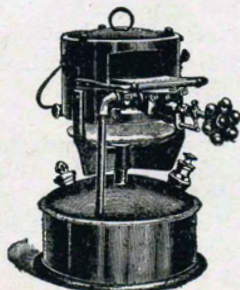
In case you have any difficulty with lamps, follow carefully directions given above. If this does not remedy your difficulty write us at once.

We stand by our guarantee and refer you to any bank or business house in Ann Arbor.

(Signed)

THE SUPERIOR MFG. CO.,
Ann Arbor, Michigan.

Our firepots are guaranteed to be the best that can be had at any price. The firepot shown below is made in two sizes. The small size (No. 99) is large enough for any use and is the one generally used. The top can be removed, making an open torch. This pot is so constructed that it can be used out of doors in the strongest wind.



- No. 98 firepot (code word Bowl).....\$12.00
- No. 99 firepot (code word Brou)..... 9.00

When you are in need of a firepot do not forget to order from us.

We offer the torch shown below in two sizes, one quart and one pint in capacity, respectively. This torch has no equal for intense heat and will burn in any wind. The smaller size is very handy for carrying in tool bag.



- No. 75, one quart capacity, with hook for soldering copper, as shown in cut, polished brass (code word Brand) \$8.00
- No. 76, same as above, but without hook, polished brass (code word Brandy)..... 7.50
- No. 77, one pint, with hook, polished brass (code word Bray)..... 7.00
- No. 78, pint, without hook, polished brass (code word Brayo) 6.50