

*Catalogue No. 1*

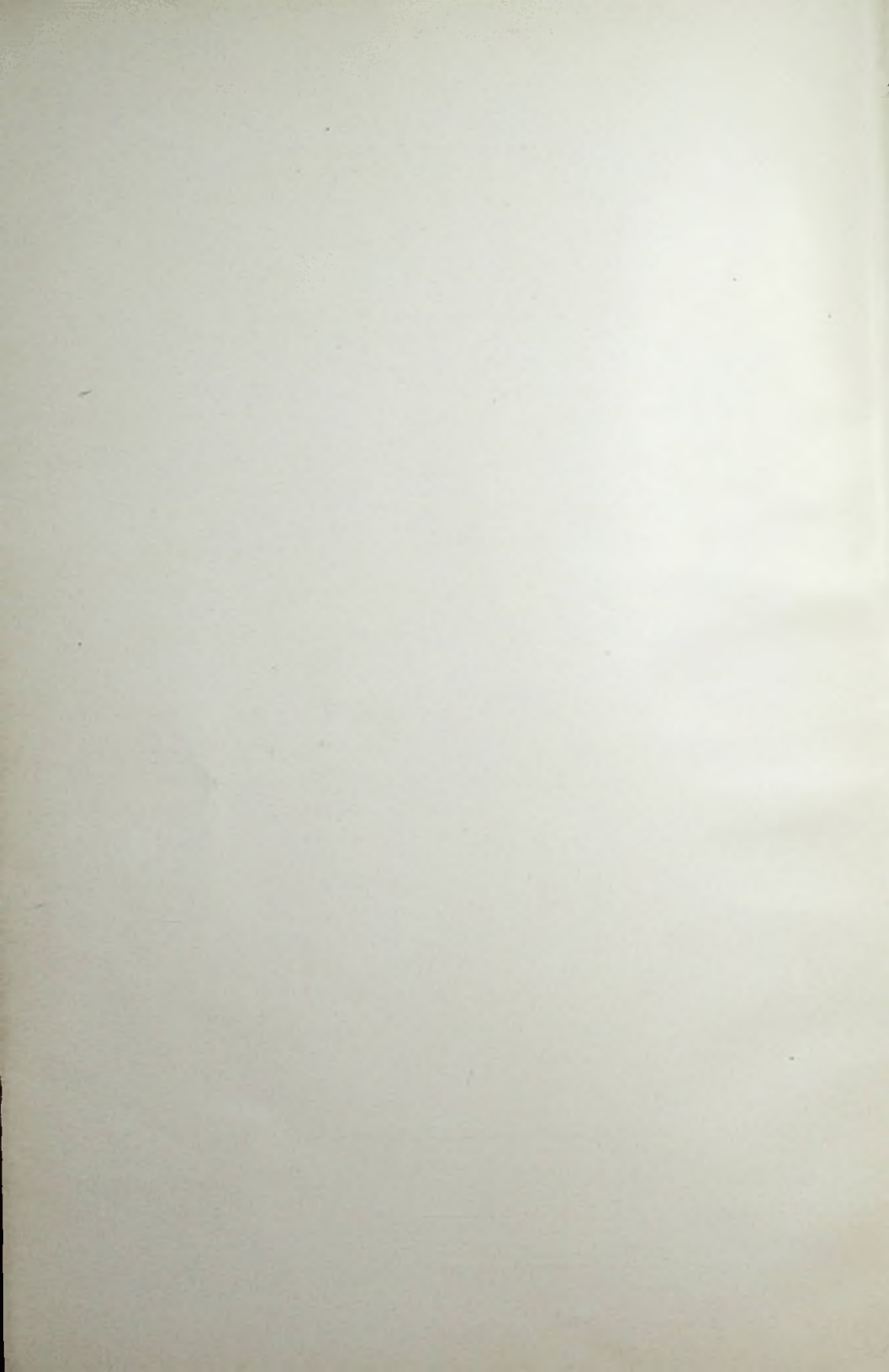
# Perkins Marine Lamp Corporation



Factory and Main Office:

1943 PITKIN AVE.

BROOKLYN, N. Y.



# FOREWORD

## TRUE FACTS ABOUT THE ONLY ORIGINAL FRESNAL LENSES IN THE WORLD

The U. S. Government, English Government, Norwegian Government, and other Great Powers of the World USE and will ONLY USE the ORIGINAL FRESNAL LENSES. They DEMAND and want the ORIGINAL FRESNAL LENSES ONLY. That is why we are furnishing all our lanterns with the ORIGINAL FRESNAL LENSES.

WHY DON'T YOU try to be on the safe side and defy any one. The only way you can do it and feel safe is by buying and using lanterns fitted with the ORIGINAL FRESNAL LENSES. DEMAND THE ORIGINAL FRESNAL LENSES ONLY. DO NOT TAKE any imitation fresnal lenses.

Take an imitation fresnal lense and an ORIGINAL FRESNAL LENSE of the same size and fit it into the same size lantern, and go to your nearest lighthouse and convince yourself, and you will find that the ORIGINAL FRESNAL LENSE will show more light than the imitation fresnal lense, and will be seen from a greater distance.

The big ocean liners carry ORIGINAL FRESNAL LENSES fitted in their lanterns in order that they may pass inspection of the Insurance Company.

There are ONE THOUSAND other reasons why you should use the ORIGINAL FRESNAL LENSES. Demand them and get them.

We hope this information will prove satisfactory to you as well as to your customer.

The above information is the result of many years of experimenting, and we are glad to give this advice to you and to the public.

The only lense that don't show a broken light.

PERKINS MARINE LAMP CORPORATION.

# NOTICE

**Terms:** 2 per cent. 10 days, or 30 days net.

Bills unpaid at the expiration of 30 days, subject to draft at sight.

Where prices are omitted, either in the Catalog or Discount Sheet, they will be furnished on application.

All prices subject to change without notice.

A remittance should accompany all C. O. D. orders.

Prices are f. o. b. factory.

Our responsibility ceases as soon as goods are delivered at the Railroad or Wharf, and receipts taken for the same in good order.

Goods sent in for us to pack and ship, or goods sent out to be packed, will receive the same attention as other shipments, but we do not assume any responsibility in the matter.

We do not insure goods unless so instructed.

When ordering please specify figure number and size wanted.

**No credit allowed** for goods returned without our consent

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All our Galvanizing is done in our own premises by the most skillful men in the country, with the hot process system only.

We furnish all our lanterns fitted with Original Fresnal Glasses only. The kind that the U. S. Government and other powers of the world use and recommend.

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## Extracts from Law in Effect July 9, 1910-11

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Sec. 2. That motor boats subject to the provisions of this Act shall be divided into classes as follows:

Class one. Less than twenty-six feet in length.

Class two. Twenty-six feet or over and less than forty feet in length.

Class three. Forty feet or over and not more than sixty-five feet in length.

Sec. 3. That every motor boat in all weathers from sunset to sunrise shall carry the following lights, and during such time no other lights which may be mistaken for those prescribed shall be exhibited.

(a) Every motor boat of class one shall carry the following lights:

First. A white light aft to show all around the horizon.

Second. A combined lantern in the fore part of the vessel and lower than the white light aft showing green to starboard and red to port, so fixed as to throw the light from right ahead to two points abaft the beam on their respective sides.

(b) Every motor boat of classes two and three shall carry the following lights:

First. A bright white light in the fore part of the vessel as near the stem as practicable, so constructed as to show an unbroken light over an arc of the horizon of twenty points of the compass, so fixed as to throw the light ten points on each side of the vessel, namely, from right ahead to two points abaft the beam on either side. The glass or lens shall be of not less than the following dimensions:

Class two. Nineteen square inches.

Class three. Thirty-one square inches.

Second. A white light aft to show all around the horizon.

Third. On the starboard side a green light so constructed as to show an unbroken light over an arc of the horizon of ten points of the compass, so fixed as to throw the light from right ahead to two points abaft the beam on the starboard side. On the port side a red light so constructed as to show an unbroken light over an arc of the horizon of ten points of the compass, so fixed as to throw the light from right ahead to two points abaft the beam on the port side. The glasses or lenses in the said side lights shall be of not less than the following dimensions on motor boats of—

Class two. Sixteen square inches.

Class three. Twenty-five square inches.

On and after July first, nineteen hundred and eleven, all glasses or lenses prescribed by paragraph (b) of section three shall be fresnal or fluted.

Size of glass in class one lights:

7. The law does not specify the size of lights to be carried on motor boats of class one. Such lights should be large enough, however, to accomplish the purpose intended and it is suggested that the illuminated portion of such lights or lenses should not be less than three inches in diameter.

## Combined Lights

### CLASS 1—BOATS 25 FT. AND UNDER

We list herewith several styles of combination lights, all of which we absolutely guarantee to pass inspection.



Fig. 1

Fig. 1.—THE WONDER

With Fresnal Glass Hinge Bottom—Snap Fount

Size of Glass Ins.	Height Ins.	Width Ins.	Galvanized Each	Brass Each
3 x 4	8½	5	\$6.00	\$7.50



Fig. 2

Fig. 2.—DURABLE

With Fresnal Glass and Screw Fount

Size of Glass Ins.	Height Ins.	Width Ins.	Galvanized Each	Brass Each
3 x 4	8½	5	\$6.00	\$7.50



Fig. 3

Fig. 3.—BULL'S-EYE STYLE

With Round Fresnal Lenses  
Screw Fount

Diam. of Glass Ins.	Height Ins.	Galvanized Each	Brass Each
3	9	\$5.00	\$6.50

All Lanterns Furnished with Wicks

# Combined Lights

## CLASS 1—BOATS 25 FT. AND UNDER



Fig. 4

**Fig. 4—BOSTON STYLE**  
**Spring Fount**  
**With Round Fresnal Lenses**

Diam. of Glass Ins.	Extreme Height Ins.	Width Ins.	Galvanized Each	Brass Each
3	9½	5½	\$6.00	\$7.50

With Back Door, extra, per light, 75c.



Fig. 5

**Fig. 5—CHICAGO STYLE**  
**Spring Fount**  
**Made With Plain Glass Only**

No.	Size Glass	Extreme Height	Width	Galvanized Each	Brass Each
1	4 x 4½ in.	10 in.	7 in.	\$5.00	\$6.50
2	5 x 6 in.	12 in.	8½ in.	6.00	7.50

With back door extra, per light, 75c.

## SAILING LIGHTS

**Fig. 6—SKILFUL ELECTRIC LIGHT**

A popular electric combination light for small motor boat; dome-shaped, nickel plated or polished brass. Special candelabra socket and 5-inch nickel plated reflector.



Fig. 6

Diam. of Glass Ins.	Height and Width Ins.	Brass Each	Nickel Plated Each
3	5	\$6.00	\$7.50

**Fig. 7—AMERICAN ELECTRIC**  
**Fitted With 3-Inch Fresnal Lens**

A classy set of small nickel plated lights—4¼ inches diameter at base. Furnished in white, ruby or green, with candelabra socket for electric bulb.

Price, each .....\$2.50



Fig. 7

**All Lanterns Furnished with Wicks**



## 3-Way Combination Lights

FOR LAUNCHES



Fig. 8

Fig. 8—CHICAGO PATTERN

With Bull's-Eye Lens in Front

No.	Size of Glass Ins.	Height Frame Ins.	Ex-treme Height Ins.	Width Base Ins.	Gal-vanized Each	Brass Each
1	4½ x 3¾	5½	8½	7	\$5.00	\$6.50
2	5¼ x 6¼	6½	10½	8	6.00	7.50



Fig. 9

Fig. 9—BOSTON PATTERN

With Three Semaphore Lenses

No.	Diam. of Glass Ins.	Height Frame Ins.	Extreme Height Ins.	Width Base Ins.	Galvanized Each	Brass Each
1	2¼	5½	9	5½	\$5.00	\$6.50
2	3	7	11	8	6.00	7.50



Fig. 10

## Our "Little Baby" Fresnel Motor Boat Lights

SUITABLE FOR SMALL MOTOR BOATS

Furnished With Screw Fount

Fresnel Glass

Size Glass Clear Ins.	Height Ins.	Galvanized Each	Brass Each
3¼ x 5	8½	\$3.00	\$4.00



Fig. 10

All Lanterns Furnished with Wicks

## Stern and Anchor Lights

### CLASS 1

Fig. 11—DURABLE STERN LIGHT

With Screw Fount

Fresnal Glass



Fig. 11

Height	Size Glass Clear	Galvanized Each	Brass Each
8¾ in.	3½ x 3 in.	\$2.50	\$4.00
With Blue, Ruby or Green Globes			
Fresnal	.....	\$3.50	\$5.00
Plain	.....	2.50	4.00

## Fresnal Stern and Anchor Lights

SUITABLE FOR CLASS 2 OR 3

Fig. 12

Made specially for this class of Boats and match same to a nicety regarding size and diameter of glass.



Fig. 12

No.	Dia. of Glass	Height of Glass	Height Frame	Extreme Height	Galv. Each	Polished Brass Each
21	4¾	4¼	10	14	\$3.00	\$5.00
With Ruby, Green or Blue Globe					4.50	6.50

## Tandem Staff Light

Made of Heavy Brass Throughout  
Black oxidized finish; bottom outlet for cable, and fitted with best grade domestic Fresnals.

Fig. 13

Length, O.H., 17 inches.

Width, 5 inches.

Size of glass, 4¾ x 4¼ inches.

With Clear Fresnals, each \$30.00

With Ruby, Blue or Green Fresnals, each ..... 33.00

Swings open, as shown, for re-lamping



Fig. 13

Closed



Fig. 13

Open

All Lanterns Furnished with Wicks

## Fresnal Side and Bow Lights

CLASS 2—BOATS 26 TO 39 FT. IN LENGTH

### Fig. 15—SIDE LIGHTS

With Spring Founts

No. of square inches required—16

Size Glass Clear Ins.	No. Sq. Ins.	Galvanized Pr.	Brass Pr.
4 x 5	20	\$6.50	\$9.50

Extra charge for Hinge Bottoms, per pair, net .10 .20



Fig. 15



Fig. 14

### Fig. 14—BOW LIGHTS

With Spring Founts

No. of square inches required—19

Size Glass Clear Ins.	No. Sq. Ins.	Galvanized Each	Brass Each
4 x 7½	30	\$5.00	\$6.75

Extra charge for Hinge Bottoms, each, net... .05 .10

## CLASS 3

## Fresnal Side and Bow Lights

FOR BOATS 40 TO 65 FEET IN LENGTH

### Fig. 16—SIDE LIGHTS

No. of sq. ins. required—25

Size Glass in Clear	Sq. In.	Gal. Iron Pr.	Brass Pr.
5¾ x 5¼ in.	30 in.	\$6.75	\$9.75

Extra charge for hinge bottom, per pair.... .10 .20

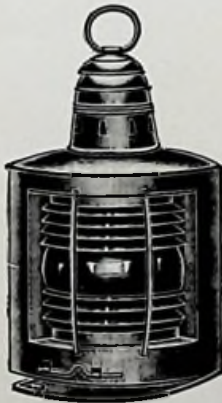


Fig. 16



Fig. 17

### Fig 17—BOW LIGHT

No. of sq. ins. required—31

Size Glass in Clear	Sq. In.	Gal. Iron Pr.	Brass Ea.
4½ x 7¾ in.	35 in.	\$5.25	\$9.00

Extra charge for hinge bottom, each ..... .05 10

## Straight Electric Side and Bow Lights

WITH FRESNAL LENSES



Fig. 18

Fig. 18—SIDE LIGHTS

No. of square inches required—25

Height Ins.	Width Ins.	Galvanized Pr.	Brass Pr.
9	5½	\$7.00	\$10.25

Fig. 19—BOW LIGHTS

No. of square inches required—31

Height Ins.	Width Ins.	Galvanized Each	Brass Each
9	5½	\$5.50	\$9.50



Fig. 19

## Straight Electric Anchor Lights

SUITABLE FOR CLASS 2 OR THREE

Fig. 20—FITTED WITH FRESNAL LENSES



Fig. 20

Diam. of Glass Ins.	Height of Glass Ins.	Extreme Height Ins.	Width Ins.	Galvanized Each	Brass Each
4¾	4¼	9	5½	\$3.25	\$5.25
With Ruby, Green or Blue Globes.....				4.75	6.75

## Electric Anchor or Pole Lights

Made of Polished Brass or Oxidized

With bail on top and bottom and base outlet.



Fig. 21

	Brass Each	Oxidized Each
With White Globes.....	\$6.25	\$7.50
With Red, Green or Blue Globes.....	8.50	9.25

All Lanterns Furnished with Wicks

# The Sensitive Electric Sailing Lights

## CLASS 1—BOATS 25 FT. AND UNDER



Fig. 22

With Fresnal Glasses Only

Fig. 22—COMBINATION LIGHT

Electric Only

Fresnal Glass—Made in Brass Only

Size of Glass Ins.	Extreme Height Ins.	Width Ins.	Price Each
3 x 4	4	4½	\$7.00



Fig. 23

Fig. 23—BRASS SIDE LIGHTS

Electric Only

Size of Glass Ins.	Extreme Height Ins.	Width Ins.	Price Per Pair
3 x 4	3¾	2½	\$8.00



Fig. 24

Fig. 24—BRASS STERN LIGHT OR ANCHOR

Electric Only

This Stern Light Can Be Used for Either Class 1 or 2

Size of Glass Ins.	Extreme Height Ins.	Width Ins.	Price Each
3 x 3½	4	3½	\$6.00



Fig. 25

## CLASS 2—BOATS 26 TO 39 FT. IN LENGTH

Fig. 25—BRASS SIDE LIGHTS

Electric Only

Size Glass Clear Ins.	Height Ins.	Width Ins.	Brass Pr.
4 x 5	7	4¾	\$9.50



Fig. 26

Fig. 26—BRASS BOW LIGHTS

Class 2 for Boats

Size Glass Clear Ins.	Height Ins.	Width Ins.	Brass Each
4 x 7½	7	5	\$6.75

All above lights are fitted with Ediswan Bayonet Sockets. Extremely pretty lights for small boats.

All Lanterns Furnished with Wicks

## Side Lights

GALVANIZED AND BRASS

Fresnal Glass



Fig. 27

No.	Size of Glass Width Height Ins.	Height Frame Ins.	Extreme Height Ins.	Width Base Ins.	Galvanized Pr	Brass Pr.
6	4¼ x 4¼	6½	9¾	6	\$6.50	\$9.50
7	5 x 5¼	7	11¼	7	6.75	9.75
8	5 x 5¼	8¼	12	8½	7.00	11.00
9	6½ x 5¾	9½	15	10	9.00	16.00
10	6¾ x 6¾	10½	17	11	10.50	18.00
11	10 x 7½	12	19	12	21.00	30.00

Nos. 6 and 7 regularly furnished with Spring Founts. Extra charge for Hinge Bottoms.

## Bow Lights

GALVANIZED AND BRASS

Fresnal Glass



Fig. 28

No.	Size of Glass Width Height Ins.	Height Frame Ins.	Extreme Height Ins.	Width Base Ins.	Galvanized Each	Polished Brass Each
12	4¾ x 4¼	6½	10	5¼	\$5.00	\$6.75
13	5 x 5	7½	11	5¾	5.25	9.00
14	6 x 6	10	15	9½	5.75	9.50
15	6¾ x 6¾	10	15	9½	6.00	10.00
16	9 x 8	12½	21	10½	12.00	16.00

Nos. 12 and 13 regularly furnished with Spring Founts. Extra charge for Hinge Bottoms.

All Lanterns Furnished with Wicks

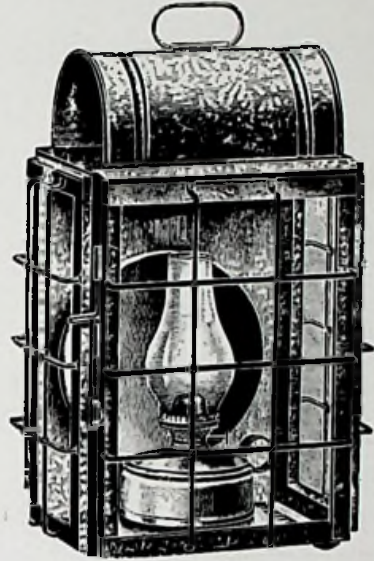
# Bulkhead Lanterns

Galvanized and Polished Brass

Fig. 35

	Galvanized Per Doz.	Brass Per Doz.
7 x 11 Plain .....	\$50.00	\$80.00
9 x 13 " .....	60.00	95.00
7 x 11 Guarded .....	70.00	100.00
9 x 13 " .....	80.00	115.00

Other sizes made to order. These lamps are made of extra heavy Galvanized Iron. Glasses sliding in from the outside, reinforced guards. Superior to any lantern on market.



# SPECIAL LIGHTS

Fig. 30—EIGHT-DAY LIGHT

Used as a trap, stake or post light—fount holds sufficient oil to burn 8 days.

With 8-inch Fresnel Lenses

	Galvanized Each	Brass Each
White Globe .....	\$16.00	\$25.00
Ruby or Green Globe.....	19.00	28.00



Fig. 30



Fig. 31

Fig. 31—TRAP LANTERN

Galvanized

Fount holds sufficient oil to burn eight days.

Diam. of Globe Ins.	Height of Globe Ins.	Height of Lantern Ins.	Diam. of Base Ins.	With White Globes Each	With Red or Green Globes Each
5	6½	13	7	\$4.00	\$5.00

All Lanterns Furnished with Wicks

## Side Lights

GALVANIZED AND BRASS

Fresnal Glass



No.	Size of Glass Width Height Ins.	Height Frame Ins.	Extreme Height Ins.	Width Base Ins.	Galvanized Pr.	Brass Pr.
6	4¼ x 4¼	6½	9¾	6	\$6.50	\$9.50
7	5 x 5¼	7	11¼	7	6.75	9.75
8	5 x 5¼	8¼	12	8½	7.00	11.00
9	6½ x 5¾	9½	15	10	9.00	16.00
10	6¾ x 6¾	10½	17	11	10.50	18.00
11	10 x 7½	12	19	12	21.00	30.00

## Engineers' Lanterns

Fig. 33—REGULAR

	Per Dozen
Galvanized .....	13.50
Brass .....	\$26.00
With Red, Green or Blue Globes	
Galvanized .....	16.50
Brass .....	29.00



Fig. 33



Fig. 34

## River and Lake Regulation Lights

Fig. 34

We use in this Lantern the New Government Signal Globe; also the large Convex or B Burner.

This Lantern is larger than our Fig. 32, Navy Lantern.

The Globe is very heavy, is adjustable and easily replaced.

Galvanized, per dozen.....	\$18.75
Brass, per dozen.....	40.00

All Lanterns Furnished with Wicks



## Bulkhead Lanterns

Galvanized and Polished Brass

Fig. 35

	Galvanized Per Doz.	Brass Per Doz.
7 x 11 Plain .....	\$50.00	\$80.00
9 x 13 " .....	60.00	95.00
7 x 11 Guarded .....	70.00	100.00
9 x 13 " .....	80.00	115.00

Other sizes made to order. These lamps are made of extra heavy Galvanized Iron. Glasses sliding in from the outside, reinforced guards. Superior to any lantern on market.

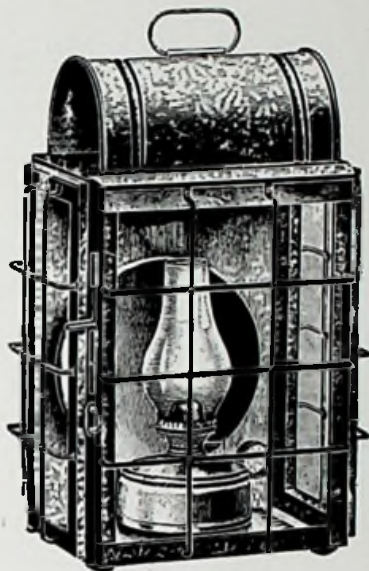


Fig. 35



Fig. 36

## Station Lamps

Galvanized Iron and Brass—Guarded

Fig. 36

	Per dozen	Galvanized	Brass
6 x 10 .....		\$40.00	\$70.00
7 x 11 " " .....		40.00	80.00
8 x 12 " " .....		45.00	90.00
9 x 13 " " .....		50.00	95.00
10 x 14 " " .....		55.00	100.00
12 x 16 " " .....		60.00	110.00

Fig. 37

## Station Lamps

Japanned Tin and Galvanized

	Per dozen	Japanned Tin	Galvanized
6 x 10 .....		\$16.00	\$38.00
7 x 11 " " .....		18.00	38.00
8 x 12 " " .....		20.50	43.00
9 x 13 " " .....		24.75	48.00
10 x 14 " " .....		27.00	53.00
12 x 16 " " .....		30.00	58.00



Fig. 37

All Lanterns Furnished with Wicks

# Regulation Running Lights

ELECTRIC ONLY

WITH HANDLE—MADE OF HEAVY MATERIAL

Fitted with Standard Edison Base Sockets



Fig. 38—SIDE LIGHTS

Size of Glass Ins.	Extreme Height Ins.	Width Ins.	Price Per Pair		
			Galvanized	Brass	Copper
6¾ x 6¾	13	7½	\$12.00	\$20.00	\$24.00
7½ x 10	15	9½	25.00	35.00	40.00
{ 8 x 10 }	16	9½	28.00	38.00	43.00
{ Face }					

Fig. 38

Fig. 39—MAST HEAD OR BOW LIGHTS

Size of Glass Ins.	Extreme Height Ins.	Width Ins.	Price Each		
			Galvanized	Brass	Copper
6¾ x 6¾	13	7½	\$8.00	\$12.00	\$15.00
9 x 8	16	9½	15.00	20.00	24.00
{ 9 x 22 }	16	12½	30.00	35.00	45.00
{ 2-Faces }					



Fig. 39



Fig. 40—ANCHOR LIGHTS

Size of Glass Ins.	Extreme Height Ins.	Width Ins.	Price Each		
			Galvanized	Brass	Copper
6 x 5¾	12½	7½	\$6.25	\$12.00	\$14.00
6 x 6½	13	7½	7.00	13.00	15.00
8½ x 7	17	9½	12.00	17.00	20.00

Fig. 40

All Lanterns Furnished with Wicks

## Improved American Lights REGULAR ORIGINAL FRESNEL LENSES ONLY



Fig. 41

Fig. 41—SIDE LIGHTS

Made of Extra Heavy Galvanized Iron  
or Polished Brass

Hinge Burner and Chimneys

Fresnel Glass Guarded

No.	Hinge Top, Side Door		Height of Frame	Extreme Height	Width of Base
	Width Size of Glass	Height Size of Glass			
63	6¾	x 6¾	11½	14¾	10¾
64	10	x 7½	13½	18½	13¾
No. 63, Per Pr., Galv....				\$16.00	Brass, \$22.50
No. 64, Per Pr., Galv....				29.00	Brass, 38.00

Fig. 42—BOW LIGHTS

Improved

Made of Galvanized Iron or Polished Brass

Hinge Top. Hinge Burner and Chimneys.

No.	Width Size of Glass	Height Frame	Extreme Height	Width of Base
76	6 x 5¾	10½	14	7½
77	6½ x 6	10½	14¼	7½
78	8 x 7¼	13¾	18¼	9¼
No. 76, Each, Galv.....			\$9.00	Brass, \$12.75
No. 77, Each, Galv.....			9.75	Brass, 13.50
No. 78, Each, Galv.....			16.00	Brass, 20.00



Fig. 42

Fig. 43—ANCHOR LIGHTS

American Improved

Made of Galvanized Iron or Brass

Fresnel Glass (White, Ruby, Green or Blue)  
Guarded.

Hinge Top and Bottom. Spring Fount.

Hinge Burner and Chimney.

No.	Diam. of Glass		Height Frame Ins.	Extreme Height Ins.	Price Each		Price Each—Ruby,	
	Ins.	Ins.			White Globe	Brass Galvanized	Green or Blue Globe	Brass Galvanized
84	6	5¾	12	15¼	\$7.75	\$12.50	\$9.50	\$14.25
85	6	6½	12½	16¼	8.00	13.00	10.00	15.00
86	8	7¼	13¾	19¼	13.50	18.00	16.50	21.00

All Dimensions are actual

These lights are also fitted for Electricity

Prices upon application



Fig. 43

All Lanterns Furnished with Wicks



Fig. 44

## Improved Lights

### ENGLISH REGULATION

Fig. 44—SIDE LIGHTS

#### Fresnal Lenses

These lights meet all requirements of  
British Board of Trade

Glass,  $7\frac{1}{2} \times 10$  inches.

Galvanized, per pair.....	\$40.00
Copper, " " .....	75.00
Duplicate Glass Slides for above, Red or Green, each.....	2.50

## Improved Anchor Lights

Fig. 45—ENGLISH REGULATION

Guaranteed to pass requirements  
of British Board of Trade.

Glass,  $7\frac{1}{2} \times 10$  inches.

#### Fresnal Lenses

Galvanized, each .....	\$28.00
Copper, " " .....	38.00

Fitted for oil and electric, \$5.00 extra



Fig. 45

All Lanterns Furnished with Wicks

## Improved Lights ENGLISH REGULATION



Fig. 46

Fig. 46—MAST HEAD LIGHTS

Guaranteed to meet all requirements of  
British Board of Trade.

Glass, Two-third Section,  $7\frac{1}{2}$  x 10 inches.

Galvanized, each .....\$35.00  
Copper,       " ..... 45.00

Above lights can be furnished combina-  
tion oil and electric at \$5.00 each, extra.

## Electric Telegraph Lamps



Fig. 47

Constructed with a special  
Morse Key with heavy platinum  
points. The base of which en-  
closes a condenser connected  
across the points of the key to pre-  
vent arcing and to shorten the lag  
between make and break.

The Lamp is constructed with  
a 6-inch Fresnel Lens and is  
made of Brass.

Complete, each .....\$24.00

All Lanterns Furnished with Wicks

## Norwegian Regulation Lights



Fig. 48

### SIDE LIGHTS

Galvanized, per pair.....	\$40.00
Copper, " " .....	\$75.00

Made with Norway Tops, using American Manufactured Kos Mos Burners and Chimneys, and guaranteed to pass any Norwegian or German Control Office inspection.

### SIDE LIGHTS

Fresnal Glass  $7\frac{1}{2} \times 10$  inches

These lanterns are equipped with a high grade fresnal lense and are installed with extra fine shade glass which is placed in back of each side light as to the color required by the law.

### STERN LIGHT

One-third Section Glass

Galvanized, each .....	\$30.00
Copper, " " .....	40.00

Above lights can be furnished combination oil and electric at \$5.00 each, extra.

All Lanterns Furnished with Wicks



Fig. 49

## Norwegian Regulation Lights

Fig. 49—MAST HEAD LIGHT

Fresnal Glass

Two-third Section  $7\frac{1}{2}$  x 10 inches

Galvanized, each .....	\$35.00
Copper, " .....	45.00

These Lights are equipped with the finest grade of Fresnal lenses that can be obtained in this country. We also use a Kos Mos Burner and Chimney which is made in U. S. A. and are made of the finest material that can be gotten.



Fig. 50

Fig. 50—ANCHOR LIGHT

Fresnal Glass

Glass  $7\frac{1}{2}$  x 10 inches

Whole Cylinder

Galvanized, each .....	\$28.00
Copper, " .....	38.00

Above lights can be furnished combination oil and electric at \$5.00 each, extra.

All Lanterns Furnished with Wicks

# Regulation Running Lights

## FOR LARGE STEAMERS

With Hinge Top and Face Lenses

Highest grade Lantern, made of heavy materials; best quality face Fresnals; heavy guard wires; extra heavy cast brass handles and trimmings



Fig. 51

### SIDE LIGHT

Height ..... 21½ inches  
 Width ..... 9½ "  
 Size of Fresnal.....8 x 10 "



Fig. 52

### MAST HEAD LIGHT

Height ..... 21½ inches  
 Width ..... 12½ "  
 Size of Glass, Two  
 Clear Faces .....9 x 12 "

Material	Side Lights Fig. 51 Price Per Pair	Mast Head Light Fig. 52 Price Each
Galvanized Iron .....	\$40.00	\$35.00
Brass .....	45.00	40.00
Copper .....	55.00	50.00

If fitted for electricity add to list price \$3.00 per light

All Lanterns Furnished with Wicks



## Special Lights



Fig. 53

Fig. 53—REGULATION DRAW BRIDGE LIGHTS

Made of Galvanized Iron, square framework, in which an 8-inch white Fresnal Lens is set, surrounded by two red and two green panels of glass set in two opposite sides, in accordance with U. S. Regulations for lighting bridges.

Price, each, for Oil.....\$36.00  
 " " for Combination Oil and  
 Electric ..... 40.00

Fig. 54—REGULATION PIER LIGHTS

Made of Galvanized Iron strictly in accordance with U. S. Regulations for lighting bridges. Showing 180 degrees ruby light.

	Each
With Back Door and Sliding Fount.....	\$16.00
Combination Oil and Electric.....	20.00
With Drop Bottom and Snap Fount.....	14.00
Combination Oil and Electric.....	16.00



Fig. 54

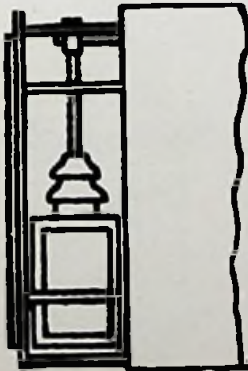


Fig. 55

Fig. 55—REGULATION LIFT BRIDGE LIGHTS

Made of Galvanized Iron strictly in accordance with U. S. Regulations for lighting bridges.

Price, each, for Oil.....\$30.00  
 " " for Oil and Electric..... 34.00

All Lanterns Furnished with Wicks



Fig. 56

## Oil Telegraph Lamps

Fig. 56

Used for flashing signals. Operated by a shutter in front of the flame. For ships not equipped with electric lights.

Each, Brass .....\$18.00



Fig. 57

## Special Lights

Fig. 57—FERRY BOAT SIDE LIGHTS

For Double End Boats; red and green lense in each light; made in 2 sizes.

	Galvanized	Brass.
6¾ x 6¾ Lenses .....	\$50.00	\$80.00
7½ x 10 Lenses .....	60.00	95.00

Also furnished with Fresnal Lens.

Fig. 58—PILOT HOUSE LIGHT

Made in various patterns, to order only

Price on application



Fig. 58

All Lanterns Furnished with Wicks





Fig. 62

## Binnacle Heads

IMPROVED BELL SHAPE

Polished Brass

Made with One Lamp Only

- No. 1. Price each for 2 in. Liquid Compass.....\$12.00  
 No. 2. Price each for 2½ in. Liquid Compass..... 14.00

Additional Prices of Other Sizes Quoted upon Application

## BINNACLE HEAD

SQUARE

Polished Brass



Fig. 63



Fig. 64

Binnacle for  
 Motorboats  
 Price, with 2 in.  
 liquid Compass,

\$10.00 each.

With Glass Top,  
 \$12.00 each

No.	For Liquid Compass	One Lamp	Each With Two Lamps
1	3	\$15.00	\$18.00
2	4	20.00	23.00

All Lanterns Furnished with Wicks



Fig. 65

**Fig. 65—COLUMBIA SQUARE BINNACLE HEAD**

Made with Polished Brass Top over Wooden box holding compass. Most adaptable binnacle for small size boats. Made with one lamp.

No.	Size of Compass Ins.	Height of Brass Top Ins.	Size of Box Ins.	Each Without Handle	Each With Handle
1	2	3½	4½	\$4.50	\$5.00
2	3	4	6	5.50	6.00

By removing compass box wooden cover and inserting Binnacle Top, you have a complete Binnacle Head. In ordering, specify size and style of compass to be used.

This style Binnacle made to order to fit any size box given.



Fig. 66

**Binnacle Lights**

Fig. 66

Polished Brass

No.	Size of Glass Clear Ins.	Height Frame Ins.	Extremo Height Ins.	Width Base Ins.	Each
1	2¾ x 4	5	7½	3½	\$2.50
2	3 x 4½	5½	8½	4¼	3.00
3	3¾ x 5¼	6½	10	5¼	3.50

2070

**BINNACLE LIGHTS  
ROUND**

Fig. 67

No.	Diam.	Total Height	Each
1	2¼ inch	5½ inch	\$2.50
2	3 inch	6½ inch	3.00



Fig. 67

All Lanterns Furnished with Wicks

## Globe Lights

Fig. 68



Fig. 68

### GALVANIZED AND BRASS

Diam. of Glass Ins.	With White Globes		With Ruby or Green Globes	
	Galvanized Dozen	Brass Dozen	Galvanized Dozen	Brass Dozen
6	\$24.00	\$48.00	\$32.00	\$56.00
8	30.00	60.00	40.00	70.00
10	90.00	135.00	105.00	150.00
With Squat Globes				
10	\$105.00	\$150.00	\$130.00	\$175.00

## Triangle Japanned Wall Lamps

Per dozen, complete.....\$10.50



Fig. 69

## Tri-Color or Relief Lamp

Made of Polished Brass or Oxidized

Fitted with Sliding Changing Device to show  
Red, White or Green.

Each .....\$15.00



Fig. 70

All Lanterns Furnished with Wicks

## Marine Wall Lamp

Fig. 71—MARINE WALL LAMP

Brass

Bracket and Fount Not Detachable

Fits snugly against wall. Fitted with No. 1 Burner and Chimney, Smoke Bell and Arm, which fits into bracket of lamp. Nickel plated Reflector attached to rear bracket

The Construction of this lamp enables it to be readily placed where necessary.

Complete, each .....\$4.00

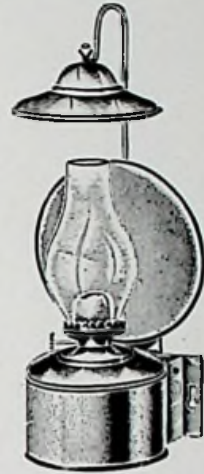


Fig. 71



Fig. 72

Fig. 72—SWING CABIN LAMPS

Oxidized Brass. Detachable Fount

No. B. Complete with Burner and Chimney, each .....\$5.00

## BULL'S EYE OR POLICE DARK LANTERNS

Japanned or Polished Brass

Fig. 73

Diameter of Glass	Extreme Height	Diameter of Base	Japanned Price Per Dozen	Pol. Brass Price Per Dozen
3 in.	8 in.	3 in.	\$15.00	\$42.00

All Lanterns Furnished with Wicks



Fig. 73



Fig. 74

## Cabin Lamps

Fig. 74

Polished Brass

Complete with Chimney and Burner

No.		Each
1	" .....	2.25
2	" .....	3.00

## STIFF BRACKET LAMP

Polished Brass

Fig. 75

With Detachable Brass Fount, Fitted with No. 2 Hinge Burner.

Projection, 8 inches. Height with Chimney and Burner, 12 inches.

With Chimney and Burner, each.....\$4.00

With Tripod and 10-inch Opal Shade, each, complete ..... 5.50



Fig. 75

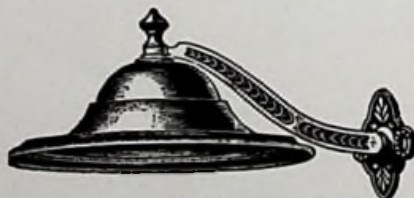


Fig. 76

## SMOKE BELL

Polished Brass

6 inches diameter, each....\$0.35

With Arm, each.....\$0.60

All Lanterns Furnished with Wicks



# Hood Ventilators

With Brass Deck Plate

BEST MADE ON THE MARKET

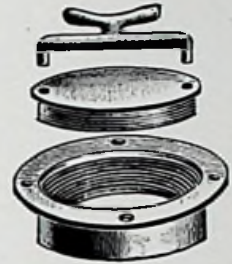
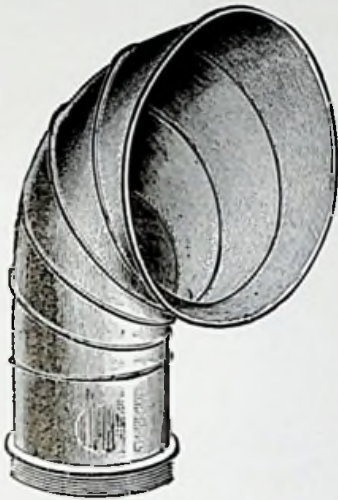


Fig. 77

Size of Deck Plate Ins.	Diam. of Mouth Ins.	Height Over All Ins.	Galvanized Each	Brass Each
3	6	6	\$4.70	\$7.20
3½	7	10	5.50	8.00
4	8	11	5.95	8.45
4½	9	12	8.65	11.15
5	10	14	9.85	12.50
6	12	15	12.25	15.50
7	14	18	16.55	20.00
8	16	21	20.00	23.50

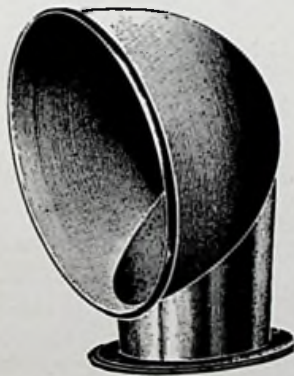


Fig. 78

Fig. 78—ONE-PIECE VENTILATOR

Without Brass Deck Plate

Made in Brass Only

3 inches, each.....	\$2.50
4 " " " .....	3.50

All Lanterns Furnished with Wicks

## Spring Oil Feeders

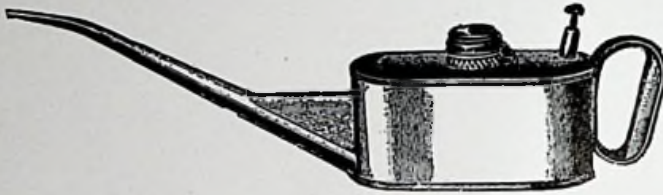


Fig. 79

Made of Heavy Tin

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

### Fig. 80—CLEVELAND OIL FILLER

Made of Heavy Tin Only

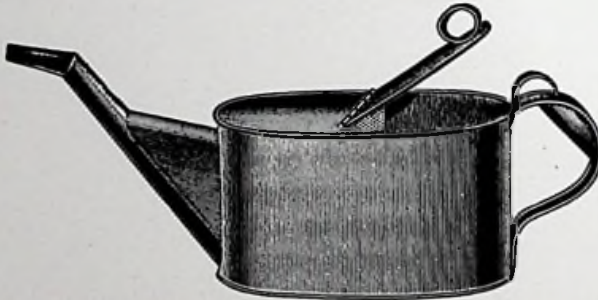


Fig. 80

With Removable Strainer in Center, Also Additional Screen in Spout.

Capacity, 2 quarts, per dozen.....\$24.00

### HEAVY OIL FILLERS

Made of Tin or Brass



Fig. 81

### Fig. 81—CONE SHAPE

Capacity	Tin. Per Doz.	Brass Per Doz.
1 quart .....	\$12.00	\$24.00
2 " .....	13.00	26.00

All Lanterns Furnished with Wicks

# Torches

Tin and Galvanized Iron



Fig. 82

	Tin Per Doz.	Galv. Per Doz.
Cleveland Pattern .....	\$6.00	\$5.50
Chicago Pattern .....	5.00	6.50
With Shield, extra, per dozen.....	3.00	3.00



Fig. 83

## HAND LAMPS

Galvanized and Tin Capacity, One Pint.

Price, per gross.....\$18.00

## HAND TORCHES

Made of Heavy Tin



Fig. 84

- 2. Capacity, 1/2 pint, per dozen.....\$4.00
- 3. Capacity, 1 pint, per dozen..... 4.50

All Lanterns Furnished with Wicks

# Bunker Lamps

GALVANIZED



Fig. 85

Capacity, 1 pint, per dozen.....\$6.00  
 Capacity, 1 quart, per dozen..... 9.00

Fig. 86

**SMALL BUNKER LAMPS**



Fig. 86

Capacity, 1 pint.

Per dozen .....\$2.50

Fig. 87

**SQUARE SPACE LAMPS**



Fig. 87

Capacity, 1/2 pint.

Per dozen .....\$3.50

**All Lanterns Furnished with Wicks**



Fig. 88

## Pitch Payers

Fig. 88—Made of Galvanized Iron  
Per dozen .....\$18.00

## Gasolene Funnels

Fig. 89

With seamless splash Guard and Rim for Chamois strainer, also fitted with fine Brass wire cloth strainers, Spout 7 inches long.

Made of heavy steel and coated with heavy coat of galvanizing, making same rust proof and a very durable article

Diameter of Head 8 inches.

Capacity  $\frac{1}{2}$  gallon.....Per dozen \$12.00

Diameter of Head 10 inches

Capacity 1 gallon.....Per dozen 15.00



Fig. 89

## Galvanized Wagon Lamps



Fig. 90

Fig. 90—FOR BURNING OIL ONLY ..

Showing a light, fore and aft, as required by laws of different States.

Heavy Made Throughout and Will Stand  
Rough Use

$4\frac{1}{2}$  inches square by 6 inches high.

Each .....\$2.00

All Lanterns Furnished with Wicks



Fig. 91

## Air Scoop

FOR PORT HOLES

Copper, Brass or Galvanized

Diameter, In.:								
3	4	5	6	7	8	9	10	12
\$2.40	\$2.80	\$3.20	\$3.60	\$4.00	\$4.40	\$4.80	\$5.20	\$6.00
Galvanized, Each:								
1.20	1.40	1.60	1.80	2.00	2.20	2.40	2.60	3.00



Fig. 92

## Copper Wire Screens

For Port Holes

Size, in.	3	4	5	6	7	8	9	10	12
Each	.75	.85	\$1.00	\$1.20	\$1.40	\$1.60	\$1.80	\$2.00	\$2.25



Fig. 93

## Liverpool Heads

Copper, Brass or Galvanized

Diameter of Pine, in.	4	4½	5	5½	6	7	8
Copper or Brass, Each..	\$9.50	\$10.50	\$11.50	\$12.50	\$14.00	\$17.00	\$21.00
Galvanized, Each .....	4.25	4.50	5.00	5.50	6.00	7.50	9.50

All Lanterns Furnished with Wicks

## Bread Breakers

TO COMPLY WITH NEW LAW

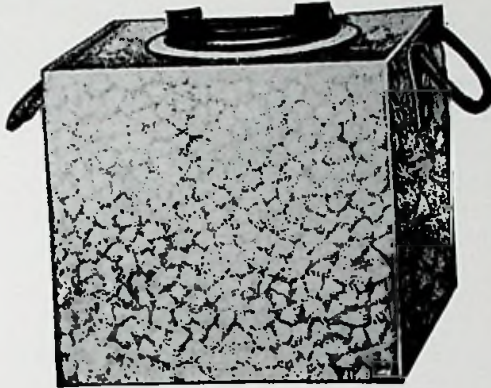


Fig. 94

Made of Heavy Galvanized Iron with side handles fitted with a 5 inch opening protected with a heavy cast brass screw and cap, machine threaded, with space for a pliable rubber gasket to insure a tight fit.

Will hold 25 lbs. or hard bread (30 rations), equaling 15 lbs. of Powell's U. S. Army emergency rations.

12 x 12 x 18 inches high, each.....\$5.00

## Galvanized or Copper Tanks

MADE TO ORDER OF ANY SIZE OR SHAPE

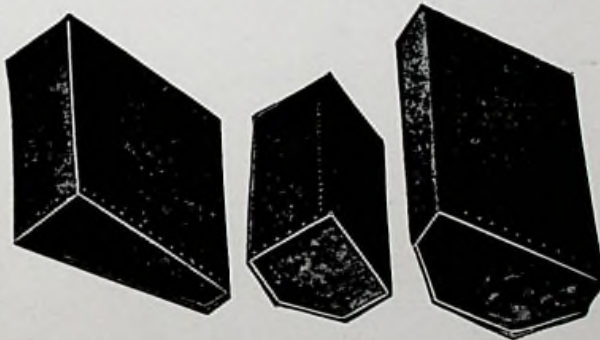


Fig. 95

Prices furnished on application

All Lanterns Furnished with Wicks

# Fog Horns

NEW STYLE

EXTRA LOUD TONE

With Wood Mouthpiece, Tin and Polished Brass

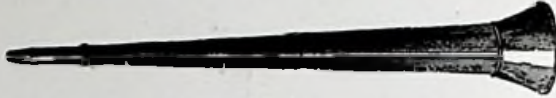


Fig. 96

Inches	Tin Dozen	Galvanized Dozen	Brass Dozen
20 .....	\$5.00	\$6.50	\$10.00
24 .....	5.62	7.25	11.50
30 .....	6.25	10.00	13.50
36 .....	7.50	12.00	15.00
40 .....	9.38	15.00	17.00

Without Flaring Bell on Bottom

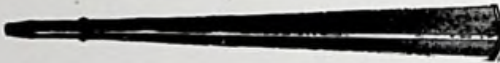


Fig. 97

Inches	Tin Dozen	Galvanized Dozen	Brass Dozen
18 .....	\$4.00	\$5.00	\$9.00
20 .....	4.75	6.00	9.75

We are specially equipped for making the finest and lowest priced fog horn in the U. S. to-day. The Tone or Reeds are made entirely of Brass. Solder is used to fasten the tongue, owing to our special construction, thereby giving extra long life and sound to these horns.

## STAMPED FOG BELLS

Of Heavy Bell Metal, With Detachable Bracket



Fig. 98

Inches	Each	Plain	Polished
6	.....	\$1.20	\$1.40
8	.....	2.20	2.40

All Lanterns Furnished with Wicks



## ELECTRIC CEILING LIGHT

With Holophane Dome Shade—Without Bulb

For Cabin or Limousine Cars. Brass, with silver plated reflector. Special candelabra socket. Can be connected with storage batteries on 6 volts or 3 dry cells, giving ample light for reading.

No.	Style	Diam. of Globe Ins	Each	With Switch Each
1	Rim	3	\$1.75	\$2.25
2	"	4	2.00	2.50
3	"	5	3.00	3.50
4	"	6	3.50	4.00

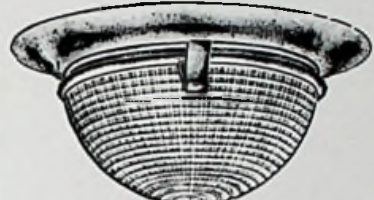


Fig. 99

### WONDER CABIN DOME LIGHTS

These are the most attractive and serviceable Dome Lights made for Motor Boats. Their size is such that they take up but little space and the brilliancy of light is beyond expectation. They are fitted with a small lever switch by which the light may be turned on and off instantly.

### WONDER DOME LIGHT

This light occupies a minimum amount of headroom, and yet gives splendid illumination. It measures just two inches deep by five inches in diameter, with glass and is fitted with cut-out in the base. Equipped with a standard Mazda bulb, powerful reflector and Holophane Shade, this dome light will give splendid light on very small candle-power. Operated on dry cells, storage battery or dynamo, 4 c.p., 6 volt, Ediswan base.

Diam. of Globe Ins.	With Switch
3	\$2.50
4	3.50

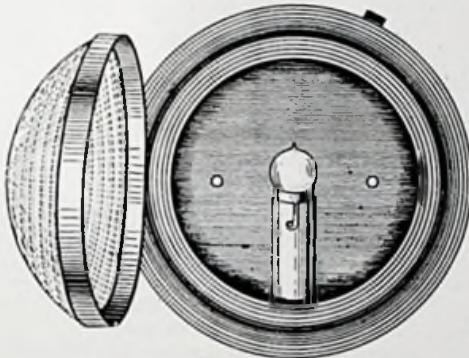


Fig. 100



Fig. 101

### SNAP BOTTOM ELECTRIC FOUNTS

Made in three sizes of Brass only.

Price without Electric Bulb.

Small, with Miniature Socket, each	\$.80
Medium, with Candelabra Socket, each	1.10
Large, with Standard Base Socket, each	1.65

### SCREW BOTTOM-ELECTRIC FOUNTS

Made in Brass only for our Doublea line of lights, with miniature or candelabra sockets only.

Small for Doublea Stern, etc., etc.	\$1.00
Medium for Doublea Comb, etc., etc.	1.10



Fig. 102

# Different Types of Day Signals

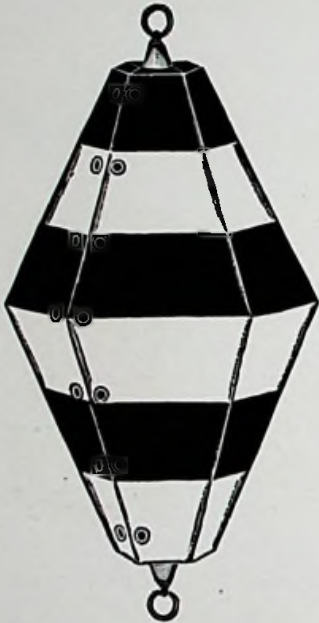


Fig. 103  
No. 1—Black and White Frustum  
2 ft. x 4 ft.  
Each .....\$18.00



Showing a  
Frustum Closed

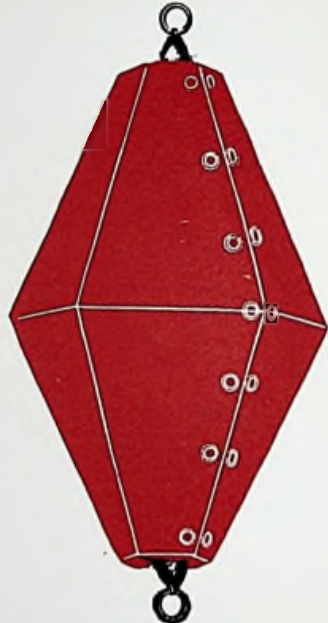


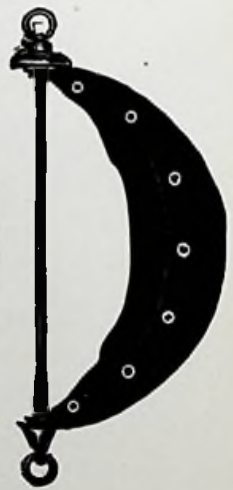
Fig. 104  
No. 2—All Red Frustum  
2 ft. x 4 ft.  
Each .....\$17.00



Fig. 105  
No. 3—All Red Balls  
24 inches  
Each .....\$9.00



Fig. 106  
No. 4—Black and White Balls  
24 inches  
Each .....\$10.50



Closed Up  
Showing a Ball

## Different Types of Day Signals



Fig. 107  
No. 5—Black Balls  
24 Inches

Each .....\$7.00



Fig. 108  
No. 6—White Fresnel  
Towing Light

Each .....\$6.00



Fig. 109  
No. 7—Ruby Fresnel  
Towing Light

Each .....\$10.00

The following signals we guarantee to cover law in confirmation with new rules taking effect September 1, 1914. All of our Day Shapes are made of highest grade material and can be folded up when not in use and stowed away in a very small space.

**Rule No. 1—**For vessels having submerged objects in tow, shall display in daytime one No. 1 shape and one No. 2 shape, and in the night, in addition to regulation lights, two Red No. 7 and two White No. 6 Towing Lights.

**Rule No. 2—**For all style vessels fastened alongside of wrecks, or moored over a wreck, two of our No. 2 shapes are required during the day, and at night two of our No. 6 White and two of our No. 7 Red Towing Lights.

**Rule No. 3—**Dredges in stationary positions require two of our No. 3 Red Balls during the day, and at night two of our No. 6 White Towing Lights and two of our No. 7 Red Towing Lights.

**Rule No. 4—**For Self-Propelling Suction Dredges under way with their suction in the bottom, require during the day two of our No. 5 Black Balls, and during the night, in addition to regulation lights, two Red Mast Head Lights and two special Four Point Red Lights.

**Rule No. 5—**For vessels which are moored or engaged in laying pipe on submarine construction during the day, one No. 4 Black and White Ball and one No. 3 Red Ball, and during the night three of our No. 7 Red Towing Lights.

**All Lanterns Furnished with Wicks**



Fig. 110

## FLASH LIGHTS

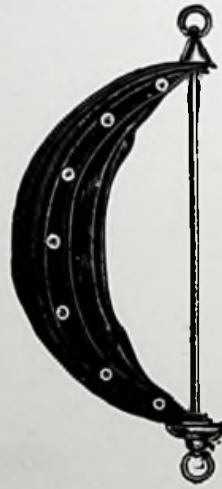
Galvanized Iron

Per dozen .....\$18.00

## Day Distress Signals



Open



Closed

Fig. 111

### BLACK BALLS

24 inches in diameter.

Made from Extra Heavy Canvas with Heavy Brass Ribs

Each .....\$7.00

**SPECIAL SIZES MADE TO ORDER**

All Lanterns Furnished with Wicks

# Mooring or Pick-up Buoys

Galvanized Iron



Fig. 112

No.	Size
1	9 x 14
2	12 x 18

Each
\$2.75
3.50

No.
1
2



Fig. 113

Size
13 x 22
16 x 24

Each
\$2.50
3.50

Other sizes made to order



Fig. 114

Made of Heavy Galvanized Iron, with tube through center and 1/2-inch galvanized rod, with 6-inch ring in one end and swivel in the other.

This Buoy is very convenient when coming to a mooring, as the large ring enables it to be very readily picked up. It is absolutely water-tight.

Size of Can	Each
10 x 10 inches	\$4.30
13 x 15 "	5.00

All Lanterns Furnished with Wicks

# Valves and Plungers

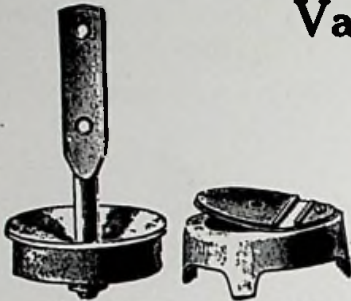


Fig. 115

Fig. 116

## OIL VALVES AND PLUNGERS

Size	Per Doz. Pairs
1½ inch .....	\$1.75
2 " .....	2.25

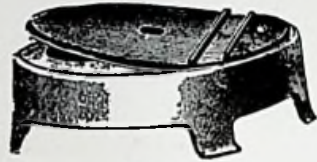


Fig. 117

## PUMP VALVES

Size	Per Doz.
1½ inch .....	\$1.35
2 " .....	1.60
2½ " .....	2.00
3 " .....	2.25
3½ " .....	2.75
4 " .....	3.25



Fig. 118

## LEATHER PLUNGERS FOR BOAT PUMPS

Size	Per Doz.
2 inch .....	\$1.30
2½ " .....	1.65
3 " .....	2.00
3½ " .....	2.40
4 " .....	2.80



Fig. 119

## IMPROVED PLUNGERS

Size	Per Doz.
1½ inch .....	\$0.90
2 " .....	1.25
2½ " .....	1.50
3 " .....	2.00
3½ " .....	2.50
4 " .....	2.75

In making the above we use the very best materials only, and they are as near perfect as is possible to make them. The rubber used is of the purest and best quality, and the leather is of the best grade.

All plungers are made of leather. All valves up to 2-inch made of leather. All valves 2-inch and larger made of rubber.

## Galvanized Iron Pumps

HAND SUCTION OR BILGE, BOAT and CONTRACTORS' PUMPS  
Made of Heavy Galvanized Iron

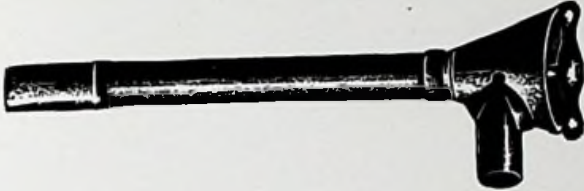


Fig. 120

Fig. 111—No. 1 BOAT AND CONTRACTORS' PUMPS

	Inches	Inches	Inches	Inches	Inches
	3	3½	4	4½	5
Per foot .....	\$0.70	\$0.75	\$0.80	\$0.90	\$1.20

Pumps shorter in length than 5 feet charged as 5 feet.

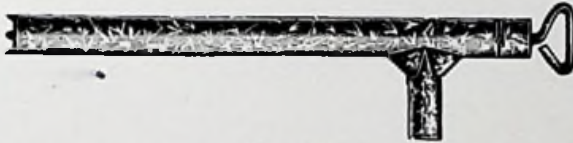


Fig. 121

Fig. 111-Y—No. 3 YACHT PUMPS  
Grooved and Soldered

	Inches	Inches	Inches
Diameter .....	1½	2	2½
2 feet, each.....	\$0.90	\$0.95	\$1.10
2½ " " .....	0.95	1.05	1.15
3 " " .....	1.00	1.10	1.20
3½ " " .....	1.10	1.15	1.25
4 " " .....	1.20	1.25	1.40
5 " " .....	1.35	1.50	1.70
6 " " .....	1.50	1.75	1.90

### NOTE

We draw your special attention to top cap of our No. 3 Yacht Pump, which is made of steel, double seamed, and bottom lock reinforced with wire, which makes this practically indestructible. A great improvement over other pumps on the market

All pumps charged by over all measurements.

# COS-MOS American Burners and Chimneys



Fig. 122

## AMERICAN BURNERS

	Per Doz.
6 Line .....	\$12.00
8 " .....	13.75
10 " .....	22.50
12 " .....	23.75
14 " .....	25.00
16 " .....	32.50

## AMERICAN CHIMNEYS

	Per Doz.
6 Line .....	\$2.20
8 " .....	2.40
10 " .....	2.50
12 " .....	2.80
14 " .....	3.10
16 " .....	3.60

## IMPORTED AND AMERICAN WICKS

	Per Gross
6 Line .....	\$5.50
8 " .....	5.50
10 " .....	6.50
12 " .....	7.00
14 " .....	7.50
16 " .....	8.00
Barton Wicks .....	8.75

## BURNER AND CONE GLASSES

### FOR ENGLISH REGULATION LIGHTS

Burners, each .....	\$3.75
Cones, per dozen .....	6.00



Fig. 123

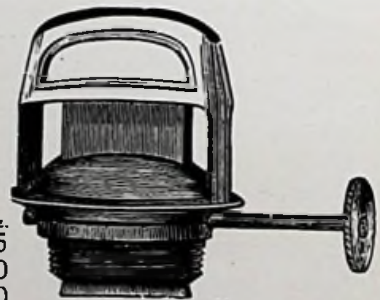


Fig. X

Made in three sizes.

	Per Doz.
No. 0 .....	\$1.25
No. 1 .....	1.50
No. 2 .....	1.90

## VORTEX BRASS BURNERS

OUR FAMOUS BURNERS USED IN ALL OUR LANTERNS

These Burners are made right in our own plant. All the latest improvements entailed in their manufacture



## Fresnal Globes and Sections

### WHOLE GLOBES



Fig. 124

No. of Lamp	Plain White Each	Red, Green or Blue Each	Style of Lamp	Diam. Height Inches
..	\$0.75	\$1.25	Stern Light	3 x 3½
21	1.00	2.00	Anchor Lights	4¾ x 4¼
21½	1.25	2.50	" "	4½ x 4¾
22	1.80	3.25	" "	6 x 5½
22½	2.30	4.00	" "	6 x 6½
23	3.50	6.50	" "	8½ x 7

English Anchor, White Only, \$7.75 each

### SIDE LIGHT SECTIONS



Fig. 125

No. of Lamp	Green Each	Ruby Each	Style of Lamp	Dimensions Inches
..	\$1.00	\$1.50	Comb. Light	3 x 4
..	1.00	1.50	Motor Boat Lts.	3¼ x 5
6	1.10	1.75	Side Lights	4 x 5
7	1.25	2.00	" "	5¾ x 5¼
8	1.25	2.00	" "	5¾ x 5¼
9	1.60	2.25	" "	5¾ x 6½
10	2.25	3.00	" "	6¾ x 6¾
11	4.50	6.50	" "	7½ x 10

English Side, White Only, \$5.00 each

### HALF SECTIONS—FOR BOW LIGHTS, ETC.



Fig. 126

No. of Lamp	White Each	Red, Green or Blue Each	Style of Lamp	Size of Glass Inches
..	\$0.75	\$1.25	Motor Boat Lts.	3¼ x 5
12	1.00	2.00	Bow Lights	4 x 7½
13	1.40	2.40	" "	5 x 7
14	1.60	2.60	" "	6 x 6
15	1.75	2.75	" "	6¾ x 6¾
16	2.75	4.50	" "	9 x 8

English Masthead, \$7.75 2/3 Section  
 " Stern, 3.75 1/3 "

# Globes

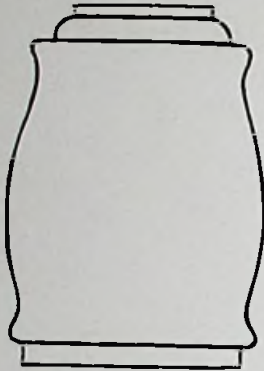


Fig. 127

**Fig. 127—NAVY OR COMBINATION LANTERN GLOBE**

4 in. bottom by 2½ in. top by 6½. high.

	White	Green	Red	Blue
Per dozen.....	\$2.50	\$8.50	\$10.00	\$8.50

**Fig. 128—LAKE AND RIVER OR No. 10 LANTERN GLOBE**

	White	Green	Red	Blue
Per dozen.	\$5.00	\$9.75	\$12.00	\$9.75

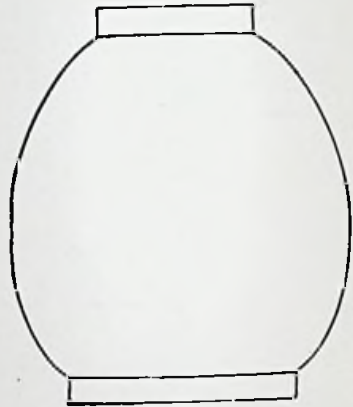


Fig. 128



Fig. 129

**Fig. 129—GLOBE FOR ENGINEERS' LANTERNS**

2 9/16 in. bottom by 2¼ in. top by 4⅞ in. high.

	White	Green	Red	Blue
Per dozen .....	\$1.50	\$3.50	\$5.00	\$3.50

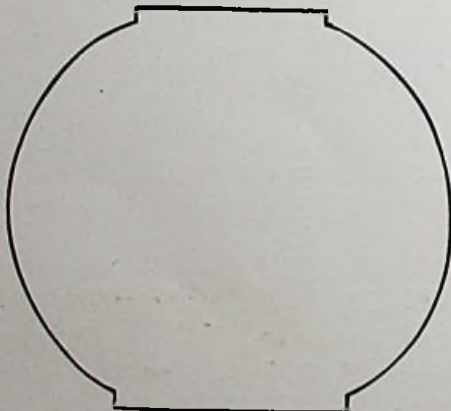


Fig. 130

**Fig. 130—PLAIN GLOBES**

For Globe or Signal Lights

Size	White	Ruby
6 inches, each....	\$0.85	\$2.00
8 " " ....	1.00	2.50
10 " " ....	2.50	5.00

## SQUAT GLOBES

Ruby Only

8 inches, each.....	\$4.50
10 " " .....	6.50

# Our Non-Leakable Founts

Without Burners



Founts are either All Brass or Brass Buttons

## COMBINATION LIGHTS ONLY

Fig. No.	Page No.	For Galv. Lights Per Doz.	For Brass Lights Per Doz.
1	1	\$4.00	\$7.50
2	1	6.75	7.50
3	1	6.75	7.50
4	2	4.50	7.50
5	2	4.50	7.50
8	3	4.50	7.50
10	3	6.75	7.50

Figs 2, 3 and 10—Brass Founts are used for Galvanized Lights

### FOR SIDE LIGHTS

6	\$4.00	\$7.00
7	4.00	7.00
8	6.00	9.00
9 and 10	8.00	12.00
11	12.00	18.00

### FOR ANCHOR LIGHTS

Stern	\$6.00	\$9.00
21	4.00	7.00
21½	7.00	10.00
22 and 22½	8.00	12.00
23	12.00	18.00

### FOR BOW LIGHTS

12	\$4.00	\$7.00
13	4.00	7.00
14 and 15	8.00	12.00
16	12.00	18.00
Navy Lanterns	4.00	7.00
Engineer Lanterns	4.00	7.00

Price of Founts for Lights with Door upon application

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