

# MAX SIEVERT, STOCKHOLM (Sweden)

SPECIALITY SINCE 14 YEARS AGO.

## THE ORIGINAL SWEDISH SOLDERING APPARATUS.

### The "RAPID"

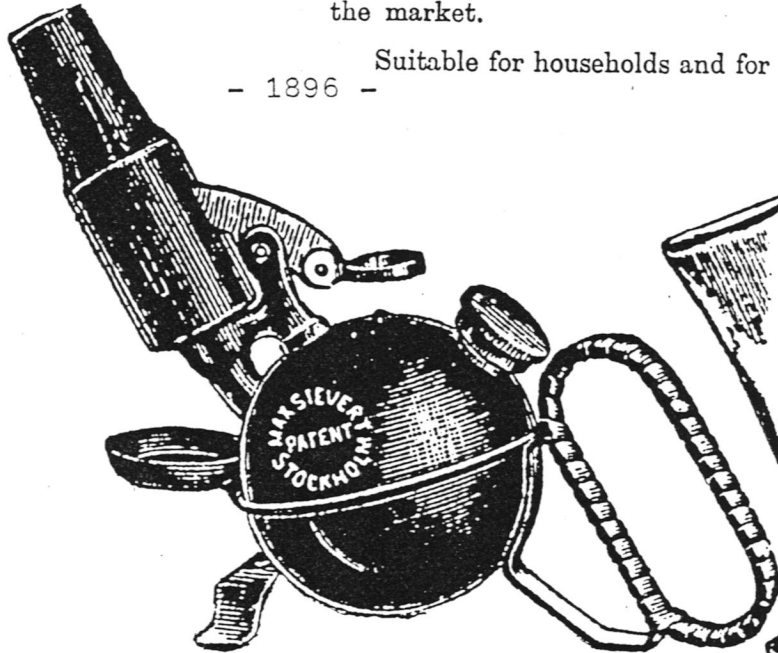
PATTERN U.

(New Patent in England). MAY 8, 1897

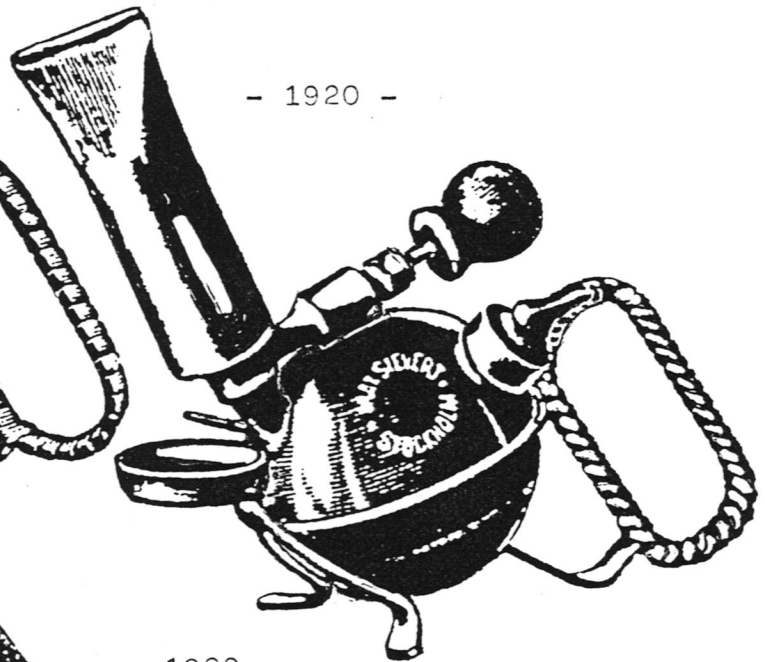
This is the cheapest and most effective little Soldering Lamp in the market.

Suitable for households and for incidental work in general.

- 1896 -



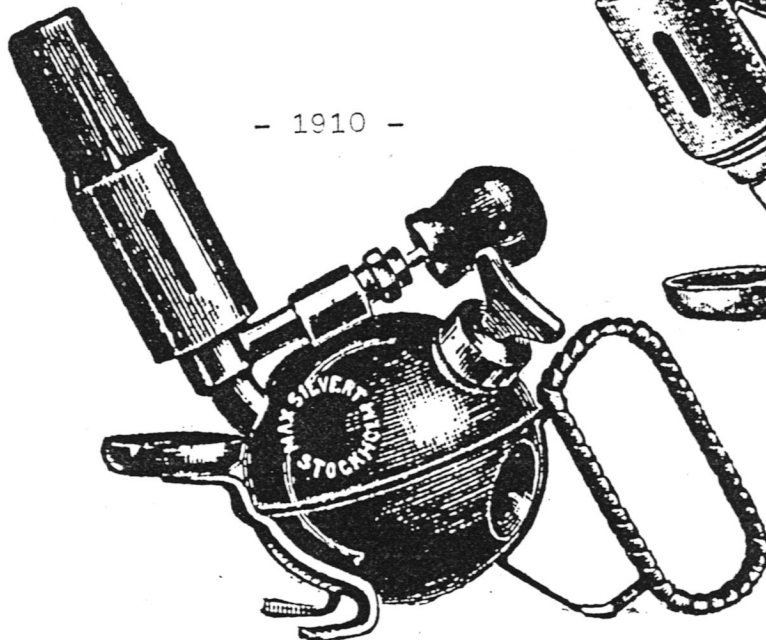
- 1920 -



- 1902 -

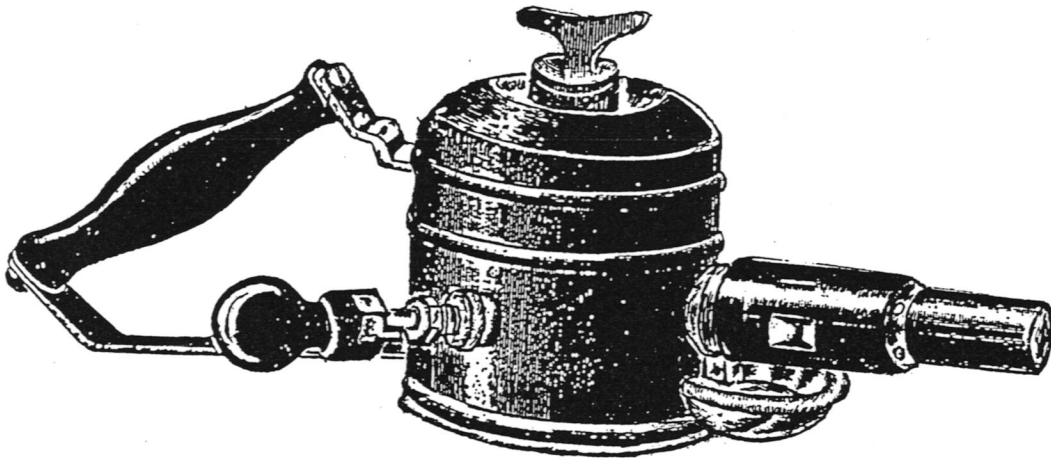


- 1910 -



## GREEN'S PATENT GRAVITY TYPE

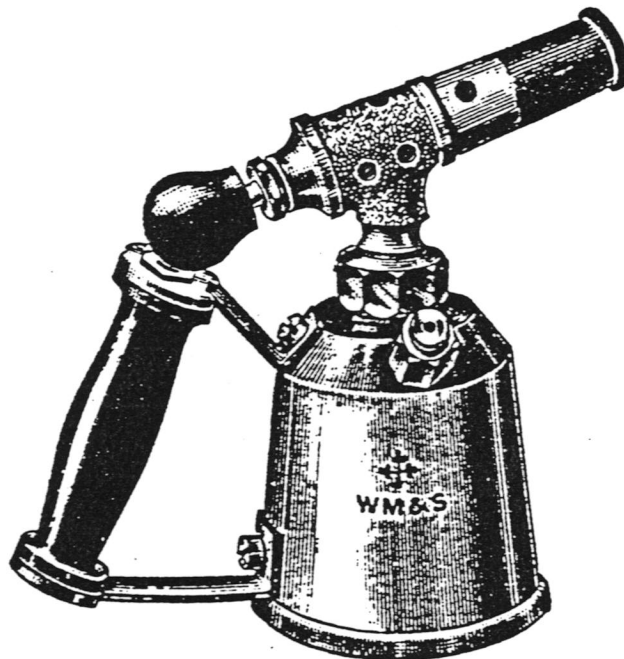
- 1907 -



No pump. Wickless feed. Even blast.  
For benzoline or petrol. Easily filled and started.  
Needle valve controls blast.

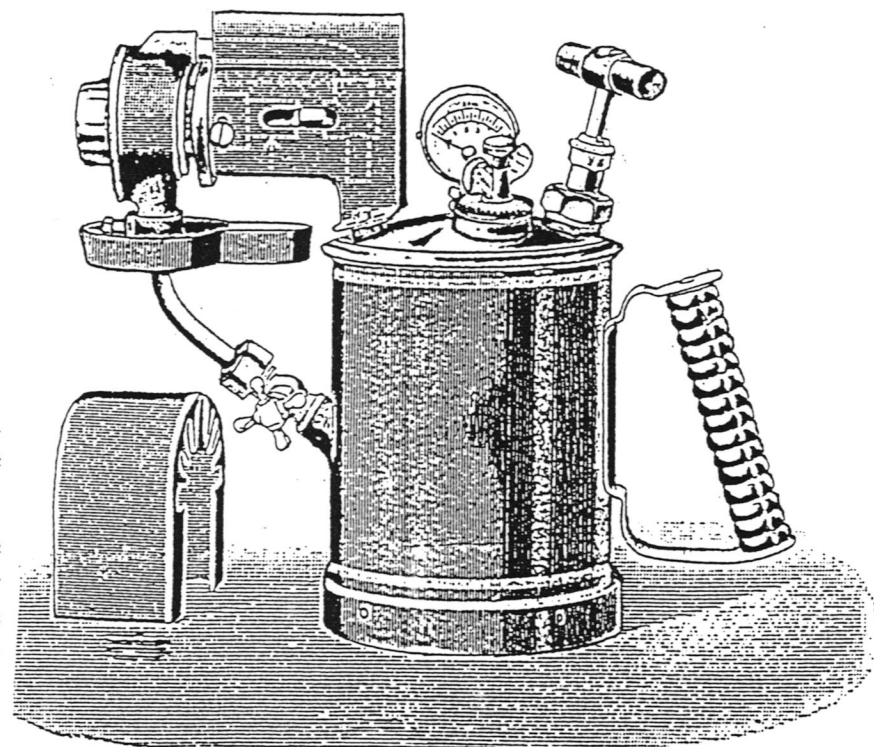
No. 2, 14/ each.

## "Reliance" Blow Lamp.



"Reliance" Strong (English Made)  
Benzoline Blow Lamps: with Rotary  
Inclined Burner, for Soldering or Brazing

- 1913 -



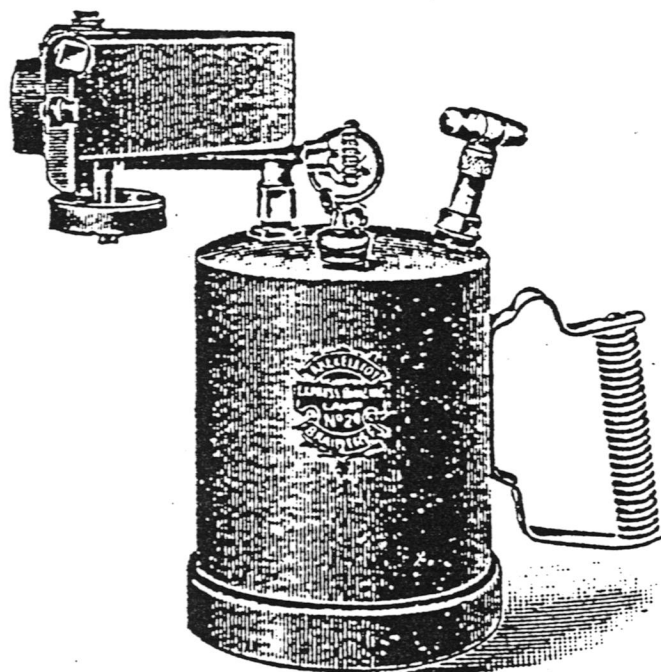
### Reliance Petroleum Brazing Lamp.

This is an admirable Lamp and very strongly built. The larger of the two will braze a 12 in. copper Pipe 1/4 in. thick with ease.

From the stout and substantial Container the Petroleum is forced to the Vaporiser or Burner by the Pump. The Container is strongly made, and the Pressure to high standard maintained by the Pump and checked by the Gauge.

Full particulars for use with each Lamp.

Size.	Length of Flame.	Capacity.	At 40 lb. Pressure.	Price.
No. A.	8 in.	2 pints	Burns 70 minutes.	33/6
No. B.	20 "	5 "	" 50 "	45/-



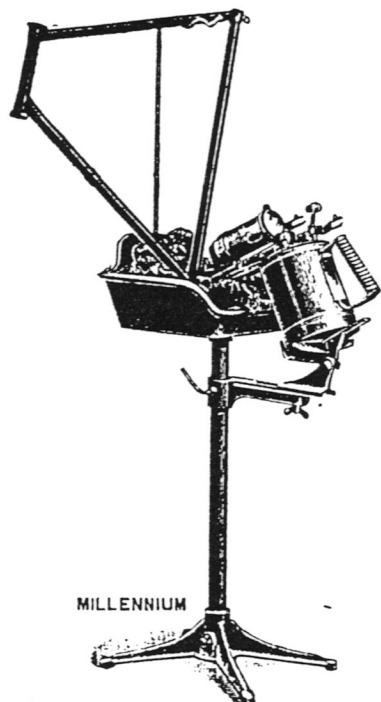
### "Express" Brazing Lamps, for Petroleum.

	each
No. 0a. 7 pints (with gauge)	66/-
No. 0b. 5 " (without gauge)	43/6

- 1914 -

BRANSOM, KENT & CO., LTD., 40, GREAT EASTERN STREET, LONDON, E.C.

# BRAZIERS AND FORGES—continued.



## "MILLENNIUM" OIL BRAZING FORGE.

Both hands free to manipulate the work, no bellows to blow.

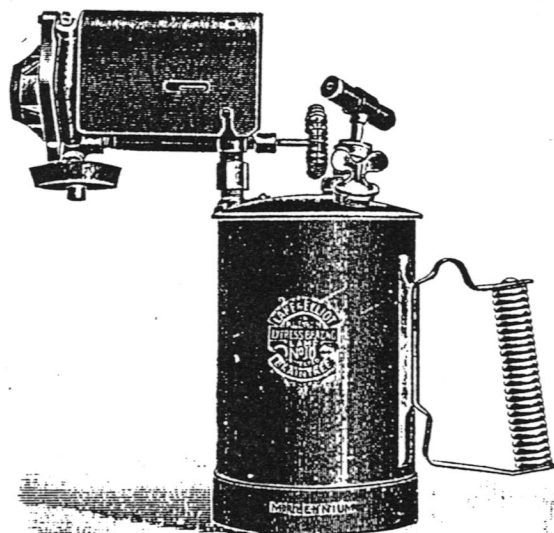
The Lamp is mounted on a universal joint, and the flame can be directed on to any part of the work.

No. 40.

Stand only, £35/

*The above price does not include lamp.*

MILLENNIUM



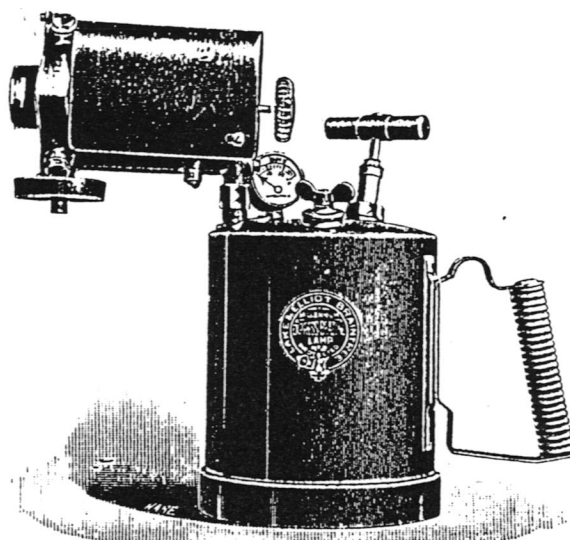
## No. 3. THE "MILLENNIUM" No. 10A.

This Lamp is introduced for those who require a smaller and cheaper Lamp than the No. 1. It is a thoroughly reliable and serviceable Lamp.

Capacity 5 pints.

£3 0 0

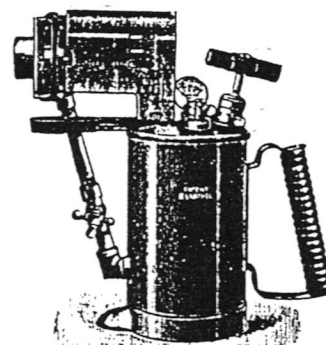
## BRAZING LAMPS.



## No. 1. THE "MILLENNIUM" No. 2B.

Burns paraffin, petroleum, or kerosene, with a clean blue flame. Flame can be regulated from 3" to 16" long. Consumption 1 to 3½ pints per hour, according to size of flame. Capacity, 7½ pints.

£5 5 0



## BARTHEL'S PATENT.

No. 8. (For Paraffin use.) Most powerful flame, 20" long, will melt a 1" copper rod in five minutes. Torch will burn for one hour at a single charge of 2½ quarts of paraffin and three atmospheres pressure. Weight, about 9½ lbs. The chief advantage of this model is a very simple Vapourizer allowing of cleaning. Polished Brass Container. Indispensable for large soldering jobs and motor work.

£3 18 0

No. 9. Smaller Model, will burn about 1½ hours at a single charge of 1½ quarts of paraffin and three atmospheres pressure. Weight, 6 lbs.

£2 17 0

# - 1905 - THE BRITISH PERFECTION NO. 1 BLOW LAMP OR BURNING-OFF TORCH.

**IMPORTANT:** Use Carless, Capel, & Leonard's DOUBLE DISTILLED Petrol, or Motor Spirit, failing these DEODORIZED Benzoline.

## Directions.

Feed the Lamp through the opening at *a*, and then screw on the cap **TIGHTLY**. Feed not more than three-fourths full. This ought never to be done near a light or fire, nor while the lamp is burning.

After, warm it underneath with a match, taper, or gas. This done, release the **SUPPLY** valve, which will blow Spirit into collar *b*. After filling the collar turn off the supply valve, apply a light to Spirit in collar *b*, then tilt the Lamp right and left, causing a little Spirit to overflow, continue this process until the lamp is hot. Then open valve *c* slowly by turning it once to the left when Spirit will be emitted at the opening *g*. Have **LIGHT READY**, and light Lamp at once at opening *g*.

**Regulation of the Flame.** The flame is regulated by the use of the valve *c*.

While the Lamp is temporarily unemployed, it is advisable to reduce the flame to a small blue one sufficient to keep the tube hot, which will prevent the lamp from dying out.

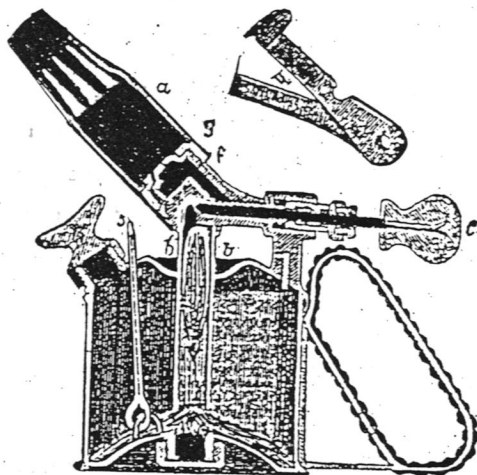
**Extinction.**—By turning the valve *c* to the right the flame will be instantly extinguished.

The Lamp can be kept burning without the slightest fear until the last drop of Spirit has been used. The flame increases considerably when the lamp has been burning for some little time.

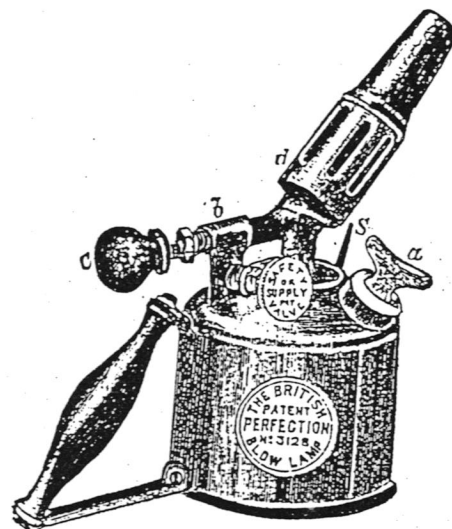
The Lamp may be used in any position without the slightest danger.

It holds two-thirds of a pint and may be used constantly at the greatest pressure. Repairs are seldom necessary if properly used.

Each Lamp is sold with a Complete set of Reserve Fittings (excepting Tube *d* and Valve *c*.) with full directions for use.



ALL KINDS OF BLOW  
LAMPS REPAIRED.



To keep the Lamp in order.—The narrow hole in the mouth-piece *g* must be frequently cleansed by means of the pin *h* (other pins or needles must not be used for this purpose, as they have a tendency to enlarge the aperture). To do this the pin must be carefully passed straight down the aperture. If the Lamp, nevertheless burns badly there must be some foreign substance in the valve opening, and to remove this, the valve *c* should be unscrewed, and the opening cleaned by means of the needle.

The Tube *a* is screwed to the Lamp at *f*, and holds the mouth-piece *g*. Between the inner part of the tube and the mouth-piece is an asbestos washer. If it is necessary to remove this sometimes, and put a fresh washer in.

The cap *a* is provided with a cork washer to make it fit tight, and this must always be carefully fastened. If the washer gets worn out, a new one must be substituted. The valve *c* works easier if occasionally oiled, but if it works too easily, screw the nut box tighter. After having been in constant use from six to twelve months, the wick should be renewed by pulling it out by means of the hook through the screw in the bottom of the apparatus, and the reserve wick substituted.

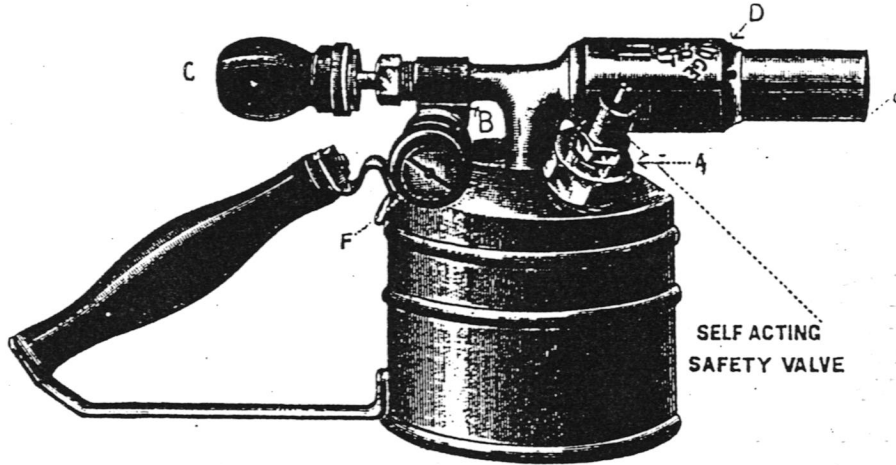
**BURRIDGE & CO.,** Patentees and Manufacturers, [PATENT No. 3128.  
CONTRACTORS TO THE NATIONAL TELEPHONE CO., LTD.

- 1907 -

# DIRECTIONS FOR USEING

## BURRIDGE'S

### "British Perfection" Blow Lamps.



Feed the Lamp through the opening at **A**, and then screw on the cap **TIGHTLY**. Feed not more than three-fourths full. This ought never to be done near a light, or fire, nor while the lamp is burning.

After, warm it underneath with a match, taper or gas. This done, release the **SUPPLY** valve **F**, which will blow Spirit into collar **B**. After filling collar **B**, turn off the supply valve, apply a light to spirit in collar **B**, then tilt the Lamp right and left, causing a *little* Spirit to overflow, continue this process until the lamp is hot; then open valve **C** slowly by turning it once or twice to the left, when Heated Spirit will be emitted at the opening **G**. Have light ready, and light Lamp at once at opening **G**.

**Regulation of the Flame.**—The flame is regulated by the use of the valve **C**.

While the Lamp is temporarily unemployed, it is advisable to reduce the flame to a small blue one, sufficient to keep the tube hot, which will prevent the Lamp from dying out.

**Extinction.**—By turning the valve **C** to the right, the flame will be instantly extinguished.

The Lamp can be kept burning without the slightest fear until the last drop of Spirit has been used. The flame increases considerably when the Lamp has been burning for some little time.

The Lamp may be used in any position without the slightest danger.

It holds two-thirds of a pint, and may be used constantly at the greatest pressure. Repairs are seldom necessary if properly used.

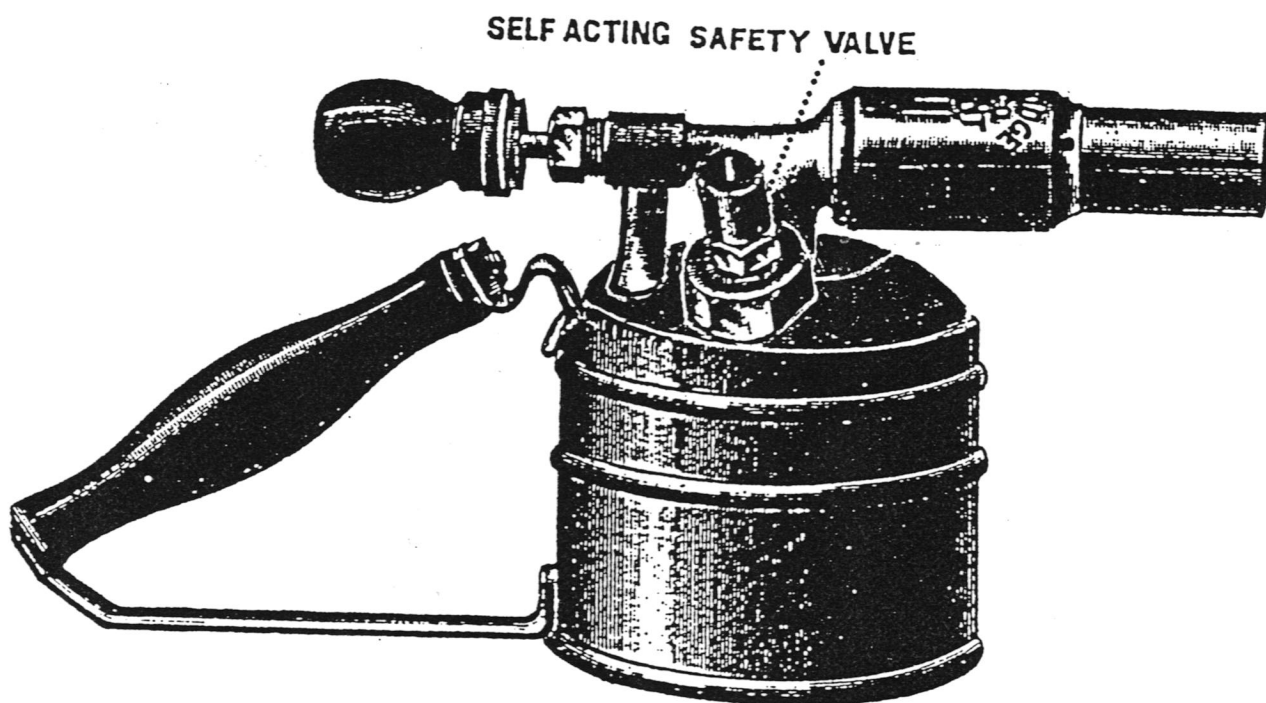
Each Lamp is sold with a complete set of Reserve Fittings.

WE TAKE NO RESPONSIBILITY AFTER DELIVERY.



-1925 **BURRIDGE'S**

# "British Perfection" Blow Lamps.



Unexcelled in quality and finish and efficiency, a most popular type. They give an intense flame, are unaffected by wind or rain and may be used in any position with absolute safety. Made by experts of the finest non-porous polished Brass. Every Lamp is tested to pressure and trial burned.

Patent Needle Lamp, Capacity  $\frac{3}{4}$  pints, with side feed and self-acting safety valve.

It holds two-thirds of a pint, and may be used constantly at the greatest pressure. Repairs are seldom necessary if properly used.

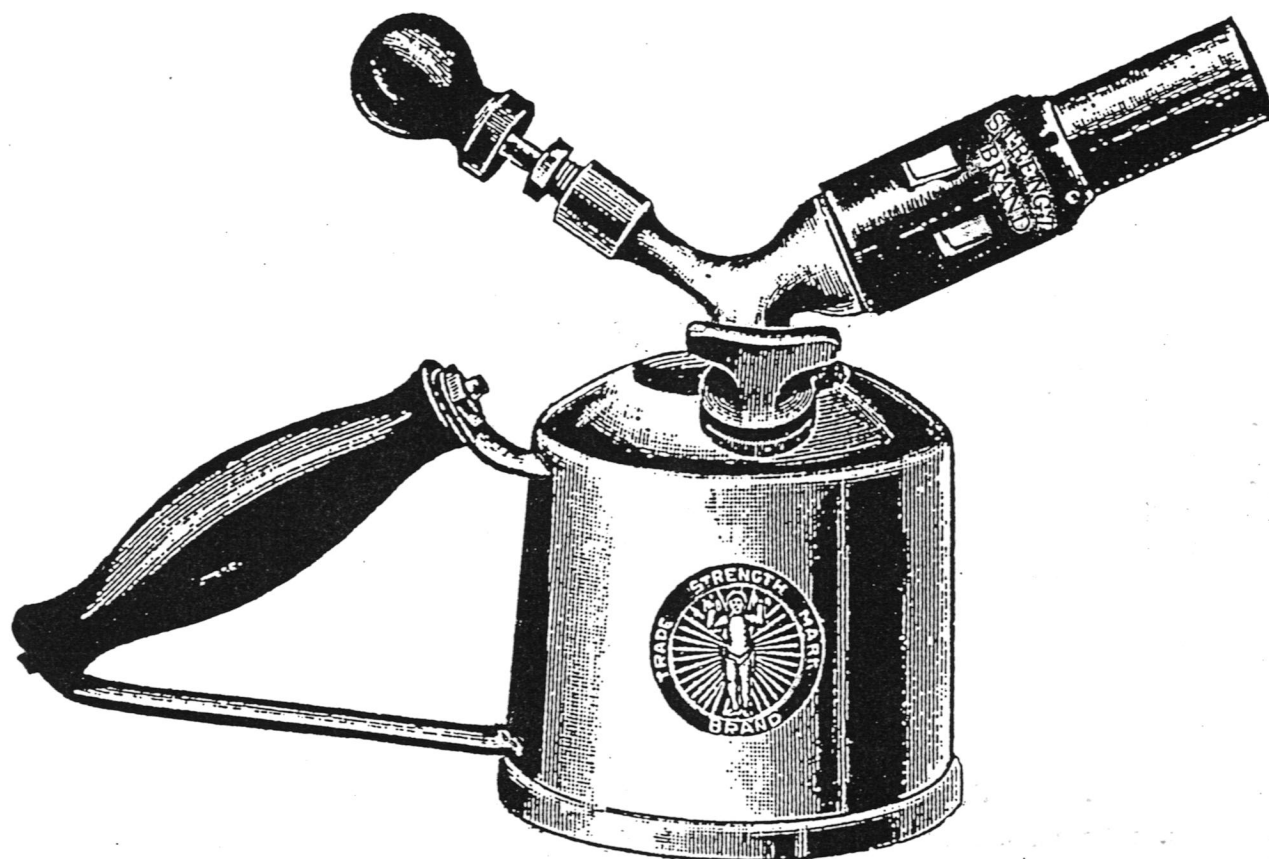
Each Lamp is sold with a complete set of Reserve Fittings.

**WE TAKE NO RESPONSIBILITY AFTER DELIVERY.**

# "LITTLE WONDER"

## British Made Blow Lamp.

- 1912 -



**Burns either Petrol or Benzolene.**

**Capacity two-thirds of a pint.**

Made throughout of solid brass, with polished black wood handle; this is one of the strongest, most perfect, safest, and cheapest blow lamps ever offered. Indispensable to motor and cycle makers, painters, plumbers, electricians, engineers, braziers, smiths and other craftsmen. A positive boon to cycle repairers for burning off old enamel, for soldering, for making new lead joints, loosening an old joint, and other operations. Gives a continuous heat in the coldest atmosphere or wind. Holds two-thirds of a pint, and may be used constantly at the greatest pressure. Repairs are seldom necessary if properly used, but each lamp is sold with repair outfit fittings.

**Made throughout of Best Solid Brass.**

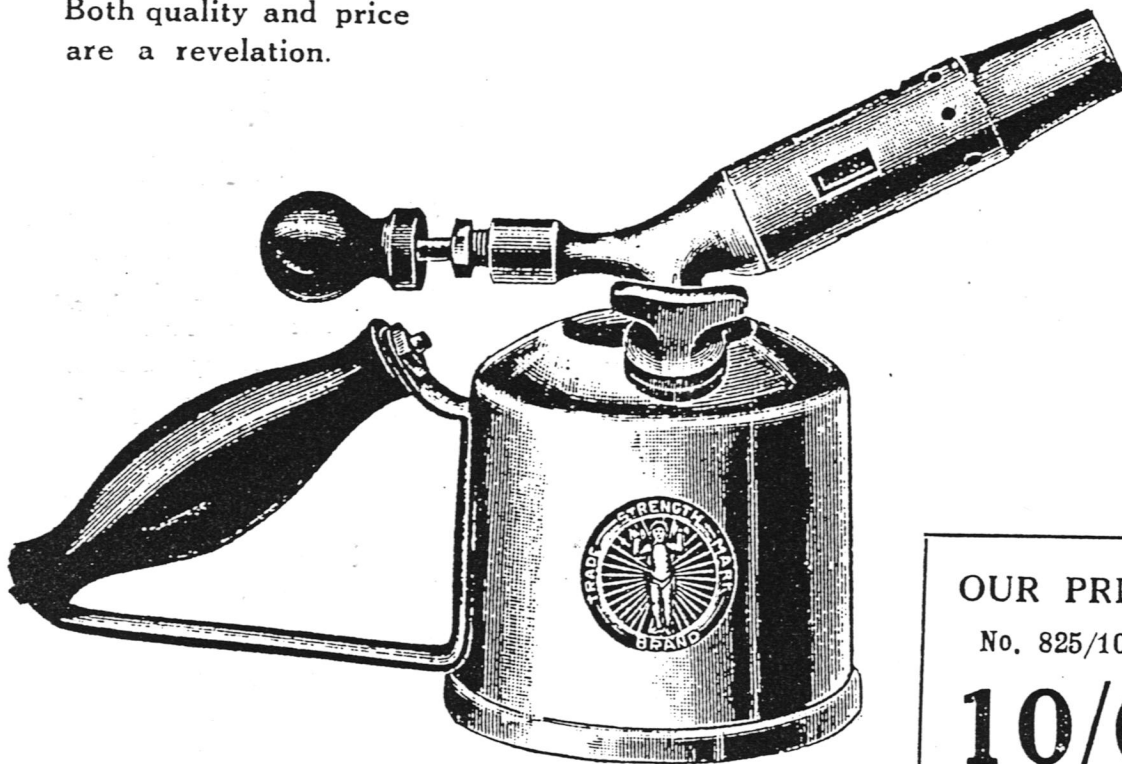
**This Lamp does not need Wind Guards.**



- 1916 - **TWO SPLENDID  
BLOW LAMPS**

**British Made "LITTLE WONDER"  
Blow Lamp.**

Both quality and price  
are a revelation.



**OUR PRICE**

No. 825/108.

**10/6**

Post Paid.

**DIRECTIONS**

for Using

Feed the lamp through the opening (about three-fourths full), and then screw on the cap tightly. Don't feed lamp near a light or fire, nor while lamp is burning. Pour a little spirit into recess at the top of lamp, and apply a light to spirit. Then tilt lamp right to left, causing a little spirit to overflow, continue this process until lamp is hot; then open valve knob slowly by turning it once to the left, when heated spirit will be emitted at the nozzle. Have a light ready, and light lamp at nozzle. **REGULATION OF FLAME.**—The flame is regulated by use of the valve knob. While lamp is temporarily unemployed, reduce flame to a small blue one, just burning to keep tube hot. **EXTINCTION.**—By turning value knob to right the flame will be instantly extinguished. Lamp can be kept burning without the slightest fear until the last drop of spirit has been used. The flame increases considerably when lamp has been burning for some little time. Lamp can be used in any position without the slightest danger.

**TO KEEP THE LAMP IN ORDER.**—The small hole in mouthpiece must be frequently cleansed by means of the Probe (pins or needles must not be used as they have a tendency to enlarge the aperture). If, after probing, lamp still burns badly, valve knobs should be unscrewed, and opening cleaned by means of the needle. The tube or nozzle is screwed to lamp and holds the mouthpiece. Between inner part of tube and mouthpiece is an asbestos washer. It is necessary to remove this sometimes and put a fresh washer in. The screw-cap is provided with a cork washer to make it fit tightly. If the washer gets worn out, a new one must be substituted. Valve works easier if occasionally oiled, but if it works too easily, screw nut-box tighter. After being in constant use for six or twelve months, the wick may be renewed. Pull wick out by means of the hook through the bottom of the apparatus, and substitute a new wick