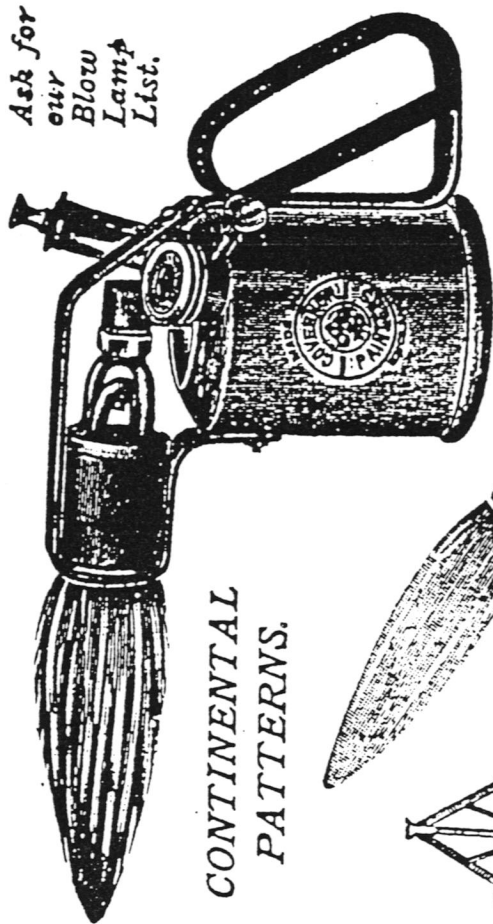


JUNE 5, 1920

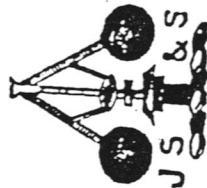
# BLOW LAMPS

BRITISH MADE

Note Safety Valve.



CONTINENTAL  
PATTERNS.



We are showing  
here only a few of  
the patterns we  
have  
ready  
for  
delivery.

"GOVERNOR" Lamps are not experiments; we have been making them for over six years. We have a large variety, including a 5-pint Lamp, without equal. Let us have your inquiries, please.

**JOHN SHAW & SONS**  
Wolverhampton, Ltd.,  
**WOLVERHAMPTON.**

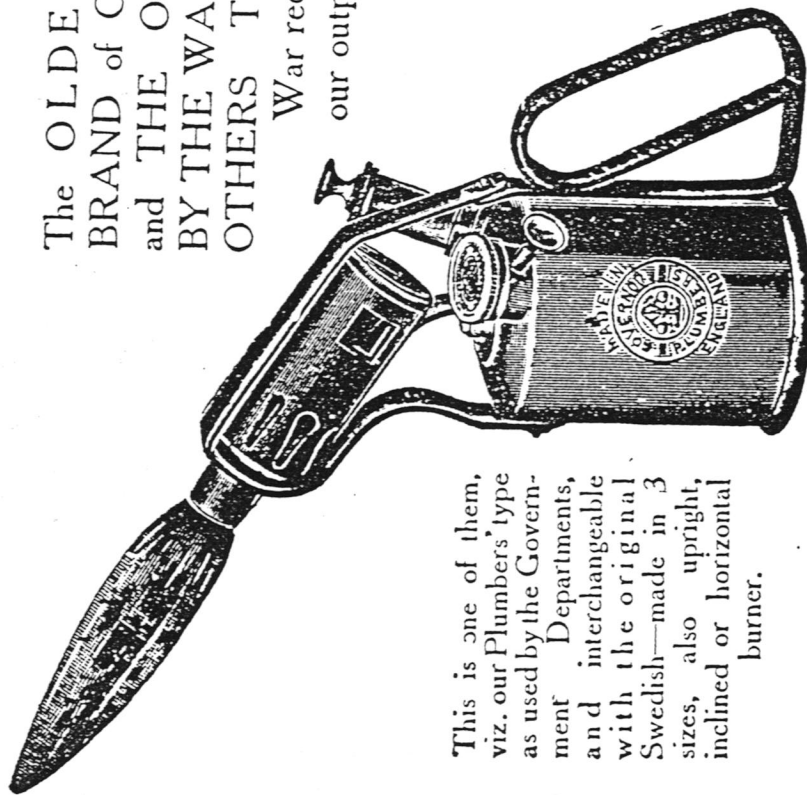
Ask for  
our  
Blow  
Lamp  
List.

# "GOVERNOR"

## BLOW LAMPS AND STOVES

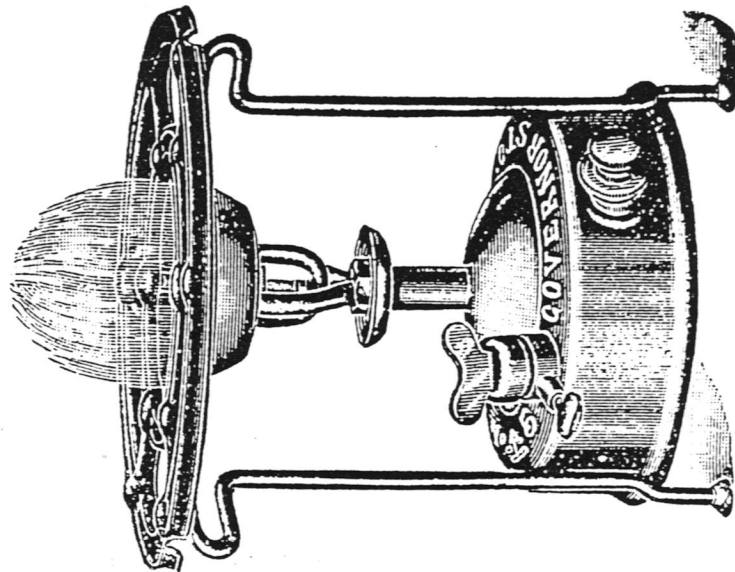
The OLDEST BRITISH  
 BRAND of Continental Patterns,  
 and THE ONE ADOPTED  
 BY THE WAR OFFICE FOR  
 OTHERS TO COPY when

War requirements exceeded  
 our output.



This is one of them,  
 viz. our Plumbers' type  
 as used by the Govern-  
 ment Departments,  
 and interchangeable  
 with the original  
 Swedish—made in 3  
 sizes, also upright,  
 inclined or horizontal  
 burner.

BUY  
 A BRAND  
 WITH A  
 REPUTATION.



We are now supplying the  
 "GOVERNOR" STOVE,  
 Silent or Roarer Burner, every  
 part interchangeable with the  
 original Swedish.

JOHN SHAW & SONS (Wolverhampton) LTD., WOLVERHAMPTON.

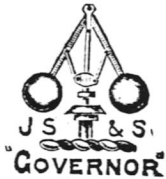
[7]

1914/1916

Are you having any difficulty in obtaining Supplies of Continental

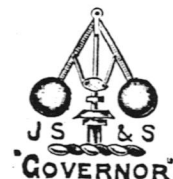
# BLOW LAMPS

Registered Trade Mark.



If so, we can help you.

Registered Trade Mark



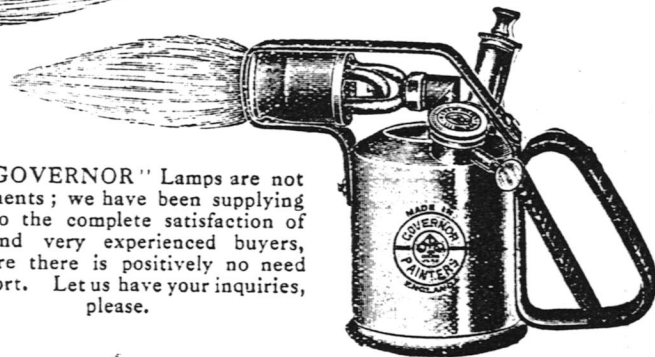
## BRITISH MADE.

### CONTINENTAL PATTERNS.

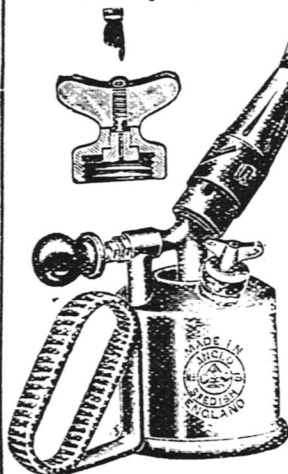
BELOW WE ILLUSTRATE A FEW ONLY OF THE LAMPS WE HAVE READY FOR DELIVERY.



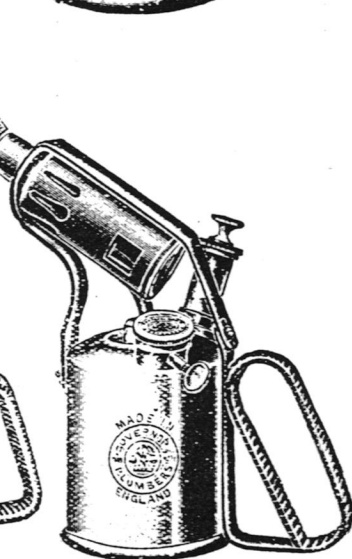
Our "GOVERNOR" Lamps are not experiments; we have been supplying them to the complete satisfaction of large and very experienced buyers, therefore there is positively no need to import. Let us have your inquiries, please.



NOTE SAFETY VALVE.

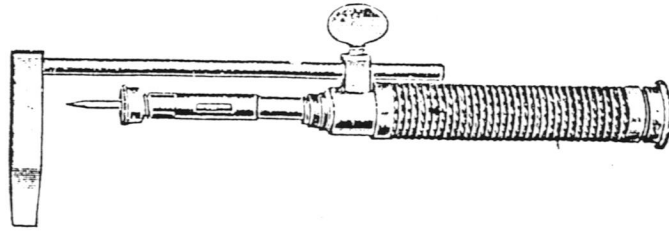


Ask for our  
BLOW LAMP  
LIST.



**JOHN SHAW & SONS** Wolverhampton Ltd., WOLVERHAMPTON

FEBRUARY 25, 1928



## DON'T DELAY AN HOUR— NOT A MINUTE !

**T**HE new Epoch Making Terms just arranged on the "GOVERNOR" Blow Lamps and Accessories not only cover (*now read this carefully*) a drastic reduction in prices on all units but also better trade discounts.

Complete reorganisation of manufacture make them at once superior in design, construction, finish and performance, so much so that we have no hesitation in issuing an unreserved guarantee with every individual lamp.

You cannot afford to neglect the new "GOVERNOR" Blow Lamp Programme.

Don't delay a minute—write now for full details.

Prices from 3/6. Liberal Discounts. We invite you to visit STAND No. 2, BLOCK 25Y, BUILDING "C," at the B.I.F., BIRMINGHAM, where a complete range of patterns will be on view.

# GOVERNOR

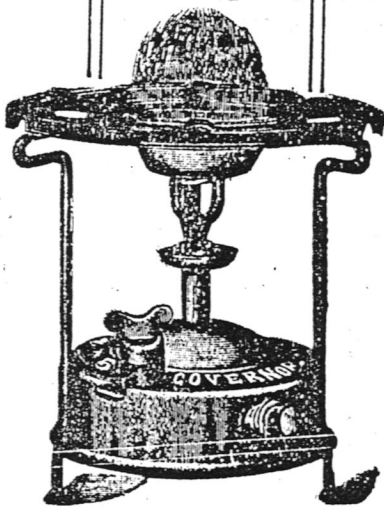
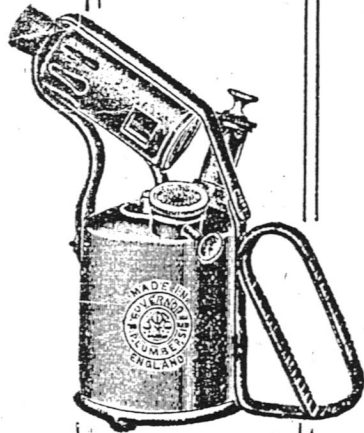
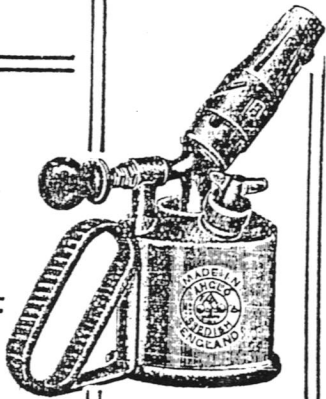
BRITISH MADE

BLOW LAMPS—SOLDERING IRONS—WICKLESS STOVES  
APPROVED by the KEENEST BUYING BRAINS in the COUNTRY.

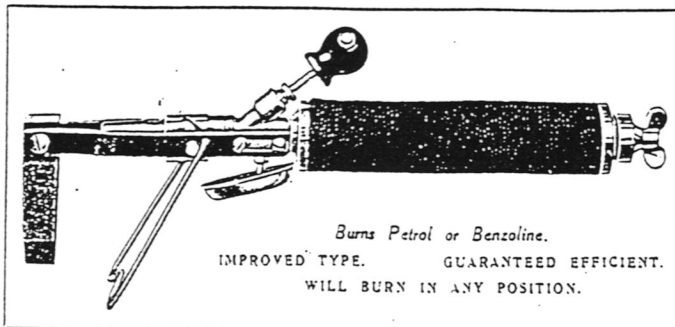
**JOHN SHAW & SONS, WOLVERHAMPTON, Ltd.**

Head Office & Works: London Office & Warehouse:  
WOLVERHAMPTON. 29/30 SHOE LANE, E.C. 4.

[25]



# 'GOVERNOR' PETROL SOLDERING IRON.



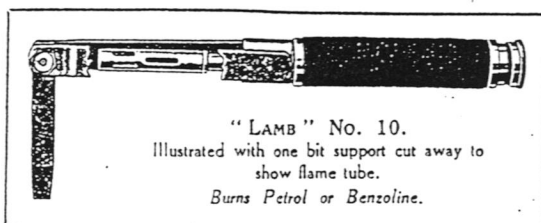
Burns Petrol or Benzoline.  
IMPROVED TYPE. GUARANTEED EFFICIENT.  
WILL BURN IN ANY POSITION.

This combined Soldering Iron and Blow Lamp is very strongly constructed, being specially built to give greater satisfaction, either as a Soldering Iron or Blow Lamp, than any of its Continental prototypes.

Soldering Iron Attachment can be removed in a few seconds, quickly converting to a Blow Lamp.  
Invaluable to Electricians, Tin-Smiths, Plumbers, Motorists, Mechanics, etc.

SPECIFICATION.			
Total Length	... 15 ins.	Capacity of Container	... 1/2 pint.
Gross Weight	... 2-lbs. 10 ozs.	Length of Container	... 7 ins.
Weight of Copper Bit	... 12 ozs.	Burning Period	... 1 hour.
Price	... 19/6 each.		

## "LAMB" PETROL SOLDERING IRONS.

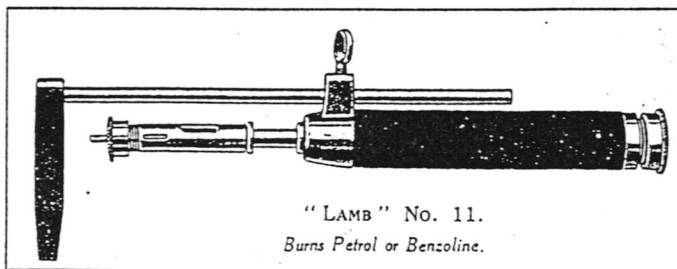


"LAMB" No. 10.  
Illustrated with one bit support cut away to show flame tube.  
Burns Petrol or Benzoline.



Fitted with adjustable bit, the "LAMB" No. 10 is similar to the well-known "LAMB" No. 11 illustrated below. It is absolutely efficient for all wireless and household soldering jobs.

SPECIFICATION.			
Total Length	... 9 ins.	Weight of Copper Bit	... 2 ozs.
(with Bit at right angles).		Length of Container	... 5 ins.
Gross Weight	... 7 ozs.	Burning Period	... 20 mins.
Price	... 4/6 each.		

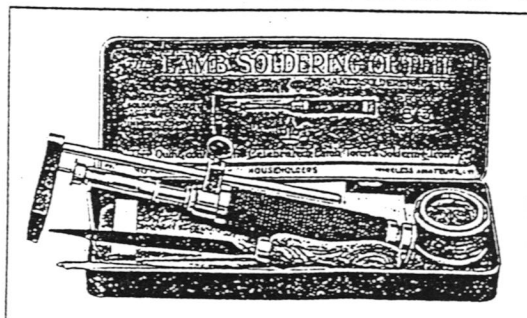


"LAMB" No. 11.  
Burns Petrol or Benzoline.

The very thing for Motoring and Wireless Brazing and Soldering, also for Heating-up Cold Engines. A Soldering Iron and Blow Torch always ready for immediate use. Invaluable to Motorists, Mechanics, Householders, Wireless Amateurs, etc.

SPECIFICATION.			
Total Length	... 9 1/2 ins.	Weight of Copper Bit	... 3 ozs.
Gross Weight	... 9 ozs.	Length of Container	... 5 1/2 ins.
		Burning Period—30 minutes.	
Price	... 6/- each.		

## "LAMB" SOLDERING OUTFITS.



The "LAMB" Soldering Outfits comprise everything required for the thousand and one everyday soldering jobs. Whether in the House, Garage or Workshop, they will be found equally efficient. Each Outfit includes a tin of Soldering Flux, two sticks solder, file, rest for soldering iron, cleaning needles, spares and instructions.

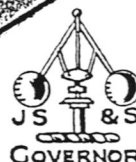
No. 10L, with a No. 10 "Lamb" Petrol Soldering Iron.	Price ... 6/9 each.
No. 11L, with a No. 11 "Lamb" Petrol Soldering Iron.	Price ... 8/3 each.



SEND FOR  
NEW LIST

# Governor

QUALITY BLOW LAMPS



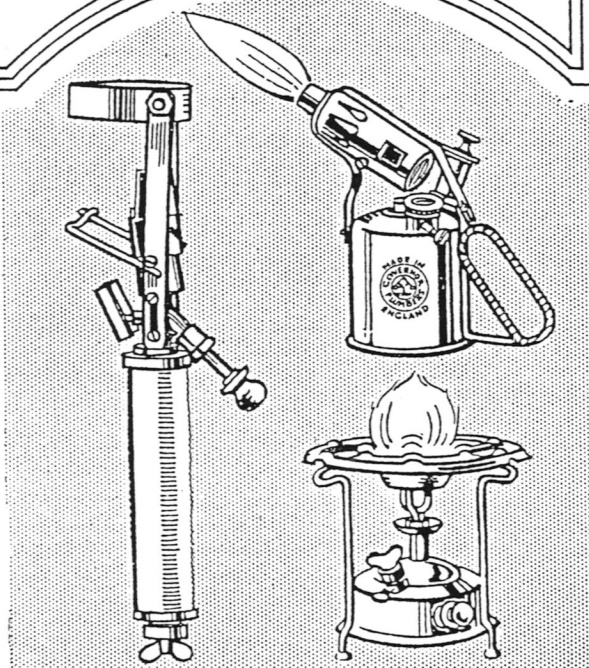
## They Never Fail

**E**VERY stage in the manufacture of the "Governor" Blow-Lamps, Soldering Irons and Wickless Stoves, is a stepping stone to supreme quality.

Commencing with the raw material no effort is spared to secure perfection in the finished product. Each is carefully finished, individually tested and guaranteed to give complete satisfaction.

By specifying "Governor" you will ensure for your customers trouble-free service.

Proof of the quality of the "Governor" Blow-Lamps is evidenced in the fact that we are contractors to all the important Government Departments, including the Admiralty, War Office, Air Ministry, H.M. Post Office Stores, etc., also to the leading Railway Companies and large engine manufacturers.



**JOHN SHAW & SONS**  
**WOLVERHAMPTON LTD.**  
WOLVERHAMPTON.

- 1928

TRADE MARK.



# "GOVERNOR" BLOW LAMPS.

TRADE MARK.



## "GOVERNOR" PLUMBERS' LAMP. No. 100.

(Cable Word ... ALUMBRE.)

For Paraffin or Petroleum—no wick needed—pressure maintained by pump—made in three styles of burner, viz:—Inclined, Horizontal and Upright (the latter can be used also for starting oil engines, &c. Each lamp supplied with set of spares.



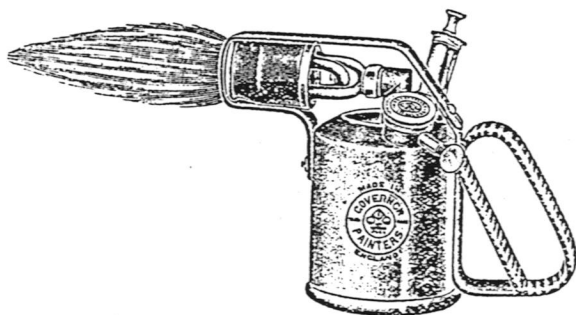
Shewing Inclined Burner.

Inclined Burner—				
No. ...	1	2	3	1A
Capacity ...	$\frac{1}{2}$	1	1 $\frac{1}{2}$ -pint.	Exactly similar to No. 1, but Handle folding back to Body ... $\frac{1}{2}$ pint.
Body measure ...	$3\frac{1}{2} \times 3\frac{1}{2}$	$4\frac{1}{2} \times 3\frac{1}{2}$	$4\frac{1}{2} \times 4\frac{1}{2}$ -ins.	
Weight ...	1 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$ -lbs.	
Price ...	26/9	28/6	35/9	26/9 each.
Upright Burner—				
No. ...	4		5	
Capacity ...	1		1 $\frac{1}{2}$ -pint.	
Body measure ...	$4\frac{1}{2} \times 3\frac{1}{2}$		$4\frac{1}{2} \times 4\frac{1}{2}$ -ins.	
Weight ...	2 $\frac{1}{2}$		2 $\frac{1}{2}$ -lbs.	
Price ...	28/6		35/9 each.	
Horizontal Burner—				
No. ...	6		7	
Capacity ...	1		1 $\frac{1}{2}$ -pint.	
Body measure ...	$4\frac{1}{2} \times 3\frac{1}{2}$		$4\frac{1}{2} \times 4\frac{1}{2}$ -ins.	
Weight ...	2 $\frac{1}{2}$		2 $\frac{1}{2}$ -lbs.	
Price ...	28/6		35/9 each.	

## "GOVERNOR" PAINTERS' LAMP. No. 101.

(Cable Word ... ALUMEN.)

For Paraffin or Petroleum—no wick needed—pressure maintained by pumping. In addition to Painters' use it will serve for Laboratories, Starting up Oil Engines, &c. Each lamp supplied with set of spares.



Shewing Horizontal Burner.

Inclined Burner—				
No. ...	2		3	
Capacity ...	1		1 $\frac{1}{2}$ -pint.	
Body measure ...	$4\frac{1}{2} \times 3\frac{1}{2}$		$4\frac{1}{2} \times 4\frac{1}{2}$ -ins.	
Weight ...	2 $\frac{1}{2}$		2 $\frac{1}{2}$ -lbs.	
Price ...	29/6		36/9 each.	
Upright Burner—				
No. ...	4		5	
Capacity ...	1		1 $\frac{1}{2}$ -pint.	
Body measure ...	$4\frac{1}{2} \times 3\frac{1}{2}$		$4\frac{1}{2} \times 4\frac{1}{2}$ -ins.	
Weight ...	2 $\frac{1}{2}$		2 $\frac{1}{2}$ -lbs.	
Price ...	29/6		36/9 each.	
Horizontal Burner—				
No. ...	6		7	
Capacity ...	1		1 $\frac{1}{2}$ -pint.	
Body measure ...	$4\frac{1}{2} \times 3\frac{1}{2}$		$4\frac{1}{2} \times 4\frac{1}{2}$ -ins.	
Weight ...	2 $\frac{1}{2}$		2 $\frac{1}{2}$ -lbs.	
Price ...	29/6		36/9 each.	

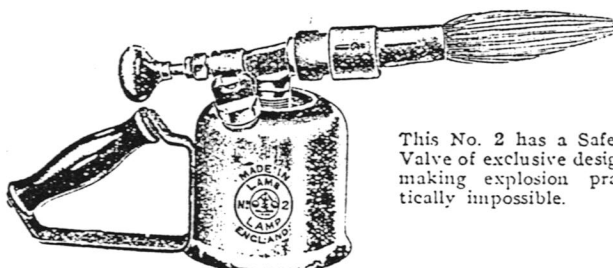
## IMPROVED "GOVERNOR LAMB" LAMP. No. 102.

(Cable Word ... ALUMIANTE.)

For Petroleum, Benzoline or Naptha.  
The Body is made from one piece of Cartridge Brass.



No. ...	1	2
Capacity ...	$\frac{1}{2}$	$\frac{3}{4}$ -pint.
Price ...	7/8	20/- each.



This No. 2 has a Safe Valve of exclusive design making explosion practically impossible.

- 1928 -

## "GOVERNOR" ENGINE LAMP. No. 103.

(Cable Word ... ALUMINA.)

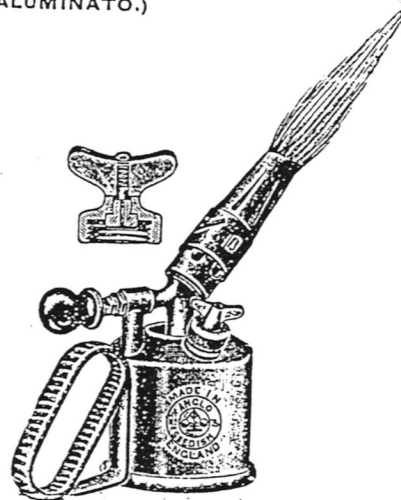
Fitted with a simple Double Burner giving a large and hot flame. For use primarily for Starting up Oil Engines, but it will be found equally useful in Laboratories or elsewhere where large quantities of metal have to be melted. Excellent service for Plumbers' Furnace.

Capacity	...	...	...	1½ pint.
Body measure	...	...	...	4½ x 4½ ins.
Height overall	...	...	...	9 ins.
Width of flame	...	...	...	2½ ins.
Price	...	...	...	45/- each.

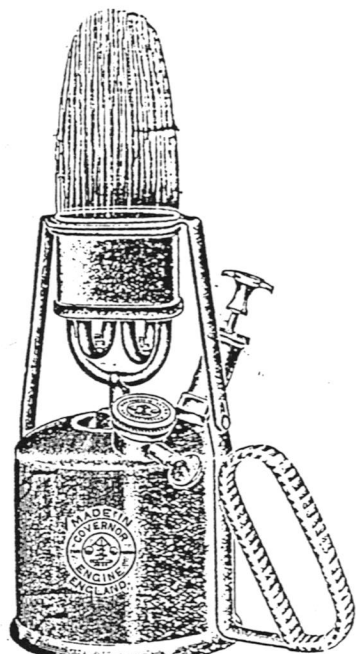
## "GOVERNOR" ANGLO-SWEDISH LAMP. No. 104.

(Cable Word ... ALUMINATO.)

For Petrol, Benzoline or Naphtha—Powerful flame, low fuel consumption—fitted with Automatic Safety Valve in Filler Cap. If through carelessness the Lamp should become overheated the extra pressure opens the valve and allows the gas to escape, the valve closing down again at safety point. The flame tube is in one piece.



No. 104.



No. 103.

## Inclined Burner—

No. ...	...	1	2	3	6
Capacity	...	...	...	...	...
Handle	...	Iron.	Wood.	Iron.	Iron.
Price	...	18/-	22/-	22/-	23/6 each.

## Upright Burner—

No. ...	...	4
Capacity	...	...
Handle	...	Iron.
Price	...	22/- each.

## Horizontal Burner—

No. ...	...	5
Capacity	...	...
Handle	...	Wood.
Price	...	22/- each.

## "GOVERNOR" BRAZING. No. 105.

(Cable Word ... ALUMNO.)

For use with Paraffin.

Capacity of Container	...	...	...	5½ pint.
Size of Container	...	...	...	8 x 6-in.
Extreme height	...	...	...	13-ins.
Diam. of flame at mouth	...	...	...	1½-in.
Length of flame	...	...	...	12/14-ins.
Weight	...	...	...	about 9½-lbs.

Price, without gauge	...	76/- each.	(Cable Word ... ALUNADO)
" with "	...	86/- " ( " "	ALUNAGE)

The above Lamp resembles in many respects a well-known Lamp of Continental manufacture, but has certain important advantages. The body of the Continental Lamp is made from seamed tubing with soldered top and bottom—more like a stove pipe than a Blow Lamp. The body of the "Governor" Lamp is drawn from one solid piece of heavy gauge steel, with bottom turned in, and of a more symmetrical design. The fittings of the Continental Lamp, etc., are soldered and the Lamp must not be subjected to reflected heat. Those on our Lamp are brazed and you need take no such precautions as are recommended by the Continental makers. We use an improved Burner Support attached to the body by 3 screws, and this, together with flame tube nozzle and the spirit container, are of best malleable iron. Our Pump is made from Solid Drawn Steel Tube. The finish of the Lamp is in red

stoved enamel. The flame can be regulated by means of the Wheel Cock shown in the illustration, and under proper conditions 1-in. solid copper can be melted in about 5 minutes.

It is in use by Shipyards, Aircraft Plants, Cycle and Motor Engineers, Oil Engine Manufacturers, etc. etc., etc.

### INSTRUCTIONS TO LIGHT.

Fill 3 parts full of paraffin, and loosen the Release Valve. Screw about half-turn to the left, then close Wheel Valve tightly. Fill the Dish underneath Vapouriser with Methylated Spirit and light. When the spirit is almost consumed, close the Release Valve tightly. Give half-a-dozen sharp strokes with the Pump, and open the Wheel Valve a couple of turns of the wrist, which will give a small passage allowing the Lamp to light.

In about half-a-minute, perfect vapourisation will have developed, and an additional 3 or 4 turns will give a full bore opening. (No good purpose is served

by further unscrewing the Wheel Valve after this point and under no circumstance should same be opened more than 12 or 13 turns from starting point.

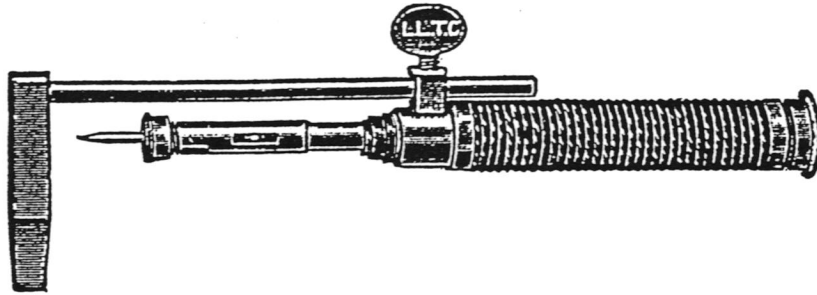
Use the Pump until the necessary amount of pressure is obtained.

To Reduce the flame close Wheel Valve partially.

To extinguish, close the Wheel Valve and let out the air by opening the Valve in the Filler Cap.

It is very important that the Nipple be cleaned each time the Lamp is used, and only by means of the Cleaning Pins supplied with the Lamp.





## INSTRUCTIONS FOR LIGHTING.

Unscrew Filler Cap at bottom of the barrel, and fill with clean petrol. Screw the Filler Cap on tightly.

Unscrew the Cap on Flame Tube and take out the Shutting Off Rod. Clean the Burner Nipple hole with one of the Cleaning Needles supplied for the purpose, access to the Nipple Hole being obtained by means of the wide slot in the Flame Tube.

Warm the neck of the Burner by holding in a gas jet flame for about 15 or 20 seconds, or with a lighted taper for about 25 seconds. If the Torch lights with a long white flame, vapourisation is not yet quite perfect, and a few seconds further warming of the Burner may be applied until a blue flame is obtained.

Adjust the Soldering Bit to one inch from the end of the Flame Tube, and tighten set Screw. When the Soldering Bit is sufficiently hot, slide it out until two inches from end of flame tube where it retains sufficient heat for its work.

When the Flame is required for brazing either remove Soldering Bit or swing the Soldering Bit clear of the Flame and tighten Thumb Screw.

To extinguish, blow out the flame, insert Shutting Off Rod in Flame Tube and screw down the Cap.

Do not use any other cleaner than the size supplied—if you enlarge the nipple hole you will spoil this, or any other Torch. Do not unnecessarily interfere with the other parts.

## DO NOT REMOVE WICK.

We warrant the Torch to be successful if these INSTRUCTIONS ARE FOLLOWED, but not otherwise.

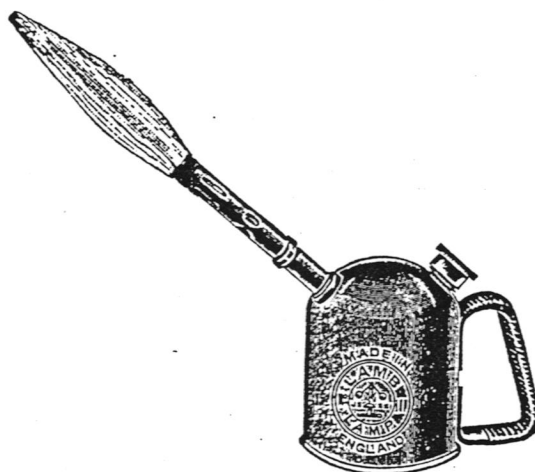
THE LAMB LAMP AND TORCH CO.  
GOVERNOR WORKS  
BIRMINGHAM, ENGLAND

- 1929 - INSTRUCTIONS FOR USING

# The Lamb Blow Lamp No. 1

(BRITISH MADE.)

---



## TO FILL

Unscrew Cap and fill about three parts full with best **BENZOLINE** or **PETROL**; replace Cap and screw down tightly.

## TO START LAMP.

Hold burner over a gas jet for about one minute until gas is formed, when the lamp will light up and be ready for immediate use.

## GENERAL INSTRUCTIONS.

The burner nipple of lamp should be cleaned on each occasion it is used, and with no other needle than that supplied with Lamp; if this is not done, the nipple hole will be choked, and in addition, the lamp will burn badly and lose power. Another point is to be sure that there is no escape of pressure at filling cap; see that the cork washer in same is perfect, otherwise the lamp will lose pressure.