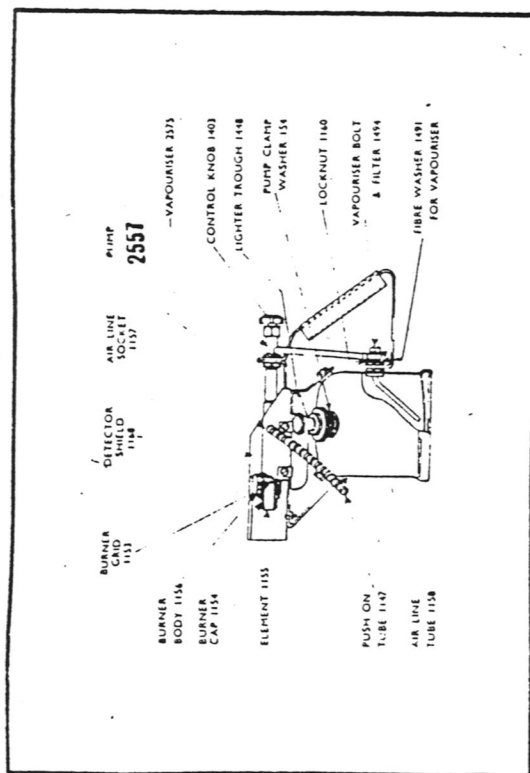




PREPARATION

1. You will require a bottle about 1 pint capacity which will fit the cork on the Methylated Filler provided. Pour about $\frac{3}{4}$ pint of Methylated Spirit into the bottle.

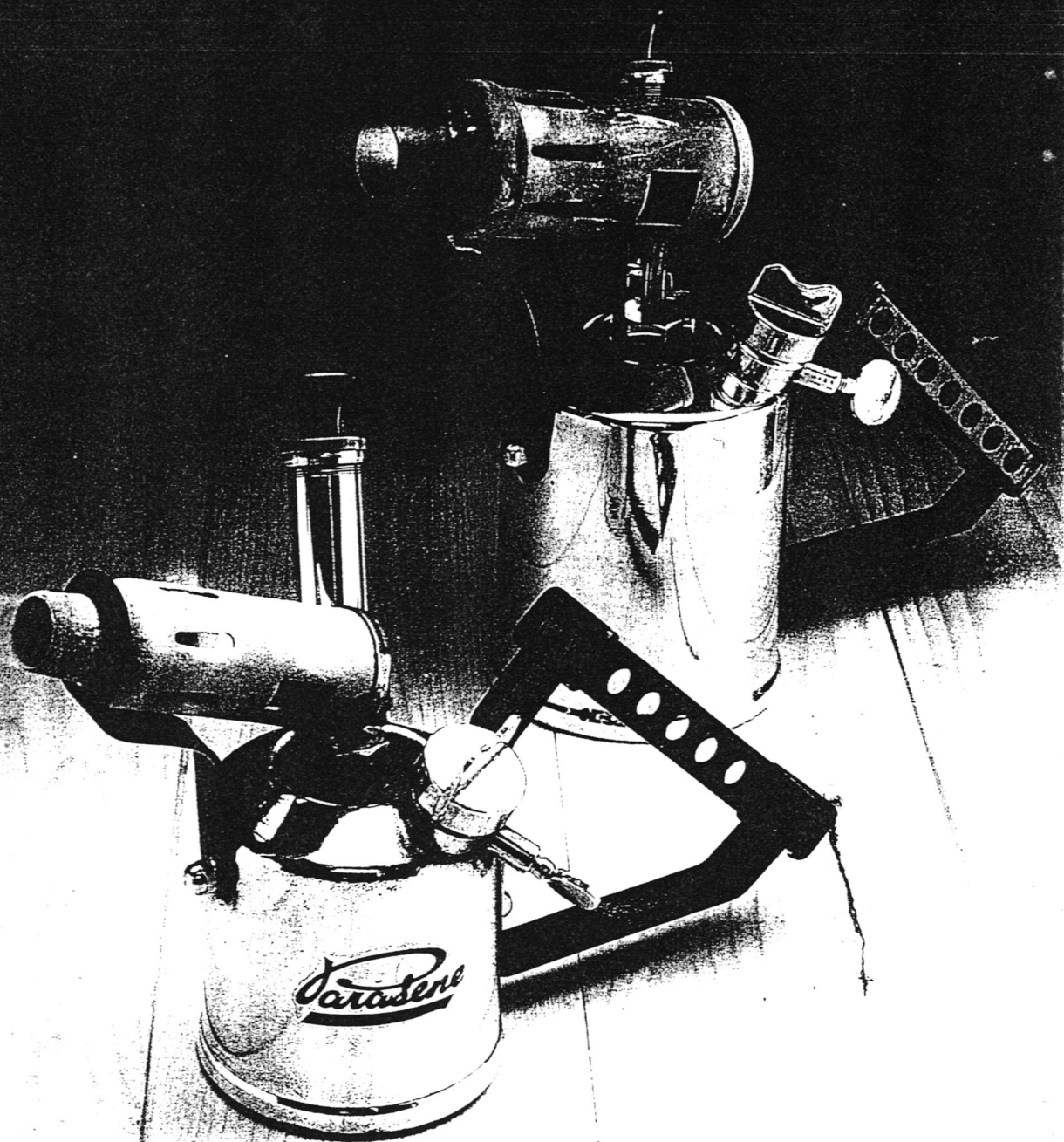
FILLING AND LIGHTING

1. Turn the Control Knob "OFF" lightly until it stops; *do not force*. See arrow on Control Knob for correct direction.
2. Grip the Pump Clamp, unscrew and remove the Pump.
3. **FILLING WITH FUEL:** Insert spout of Methylated Filler into the Container Collar as far as it will go; allow the Brass Cap of the Filler to rest on the mouth of the Collar. Fill the Container with $\frac{3}{4}$ pint of spirit; when bubbles cease rising in the bottle the Container is full.
4. Replace the Pump and tighten the Clamp with fingers; *do not* leave the Pump loose.
5. Pump about 4 strokes of air into the Container; *no more at this stage*.
6. **PRE-HEATING:** Charge the "Methylated Spirit Well" at the top of the Container with spirit; take care not to overflow.
7. Apply a light to the Methylated Spirit in the Well.
8. After 2 to 2 $\frac{1}{2}$ minutes pre-heating, the flame will run along the wick beneath the Burner and burn at the Burner orifice.
9. Turn the Control Knob "ON" about 2 complete turns until the Burner lights inside. If Methylated flame on the wick has burned out, light the Burner with a match.
10. Allow the Burner to warm up, 3 to 5 minutes.

11. Turn the Control Knob fully "ON" lightly to its stop.
12. You may now increase the pressure by pumping until the flame is about 3 inches long.
13. The Leak Detector is now ready for use; uncoil the Detector Tube from its stowage position. Note how this Tube is stowed so that you may replace it later.
14. Adjust the flame, using the Control Knob until maximum colour change is obtained when a leak is detected. The size of the leak will, of course, determine this amount of colour change in the flame.
15. It is a feature of this Lamp that it may also be used for soldering small joints. To do this, turn the Control Knob fully "ON" and pump until you have 3 to 4 inches of flame. If the flame lights forward and burns at the Burner orifice, it is a sign that you have overpumped. To correct this, turn the flame down with the Control Knob until the flame returns to the Burner Grid. When using the Lamp for soldering, the Detector Tube should be stowed by coiling it around the Lamp Container and inserting the end in the Handle grip.
16. To extinguish the Lamp, turn the Control Knob fully "OFF" lightly to its stop, *do not force*. Release pressure by unscrewing the Pump before storing the Lamp. Re-tighten the Pump.
17. To clear a blocked jet, turn the Control Knob fully "OFF" then "ON" again, once or twice if necessary. Re-light or pre-heat again as required.

MAINTENANCE AND FAULTS

1. Rinse the Container out occasionally with clean spirit.
2. If the flame shows a *permanent* green tinge it may be that the Element requires cleaning. Unscrew the Air Line Tube and remove the Burner. Unscrew the Burner Cap, using the Spanner provided; the Copper Element and the Burner Grid may now be removed from the Burner. Clean the Copper Element inside and out to remove scale. A Standard Brush 180 may be used, but it may be necessary to use a wire brush. Take the opportunity to clean the Burner Grid with a piece of emery cloth. Replace the Burner Grid, place the Element in position and screw the Burner Cap home firmly. Replace Burner on Vapouriser. Refit Air Line Socket and Tube.
3. If the flame of the Burner is poor or spluttery you should first of all remove the Vapouriser Feed Bolt at the base of the Handle and clean the Filter which is in the end of the Bolt. Take this opportunity also to refill with fresh spirit—water in the spirit will give a spluttery flame.



Model No. 400L 1 pint capacity
Model No. 400S ½ pint capacity

Supplied in 2 sizes (Approx. ½ pint and approx. 1 pint). Highly polished, heavy gauge, brass body with brass burner. Sturdily built and made to last. Each blowlamp functionally tested before despatch.

- 1970 -

Parasene®

M. H. Berlyn Co. Ltd.,
Dudley Road, Halesowen,
West Midlands, England B63 3LR.
Tel: 021-550 1951. Telex: 338202 Berlyn G.

- 1953 -

PHOEMAX BLOW LAMPS

PARAFFIN AND PETROL

By Specialists
OVER 50 YEARS IN THE TRADE



The Phoemax Petrol Blow Lamp is a sturdy lamp made of the finest materials, and Guaranteed and efficient

Spares are easily obtainable

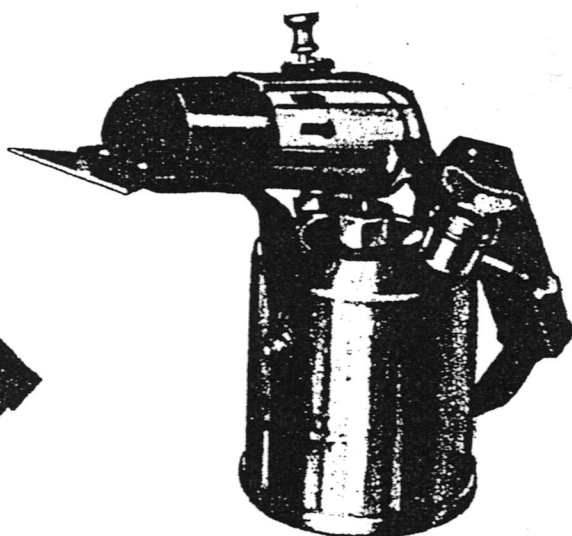
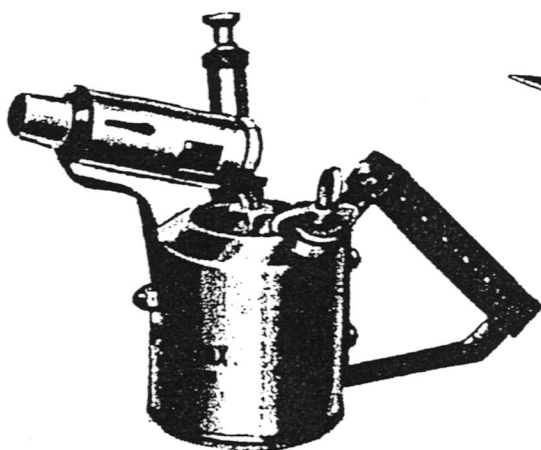


Illustration shows the $\frac{1}{2}$ pint, and 1 pint (which is fitted with the Phoemax scraper). These blowlamps are made of the finest heavy gauge cartridge drawn brass, and all the components conform to the high standard necessary to give the highest performance. A 2 pint lamp is also made, and all the three lamps are interchangeable with all leading English and foreign makes.

Supplied through your usual wholesaler.

Britain's Premier Makers

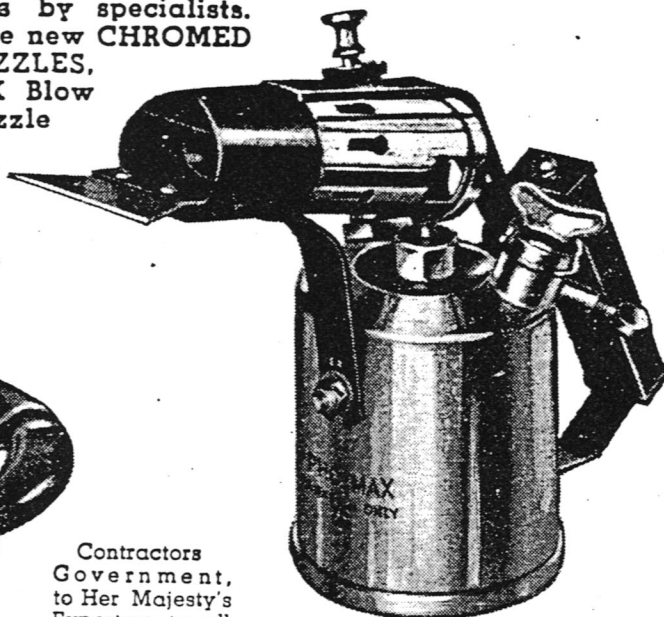
MEADS BROS PHOEMAX WORKS
LUDLOW SHROPSHIRE

TELE : LUDLOW 114

PHOEMAX

REGISTERED TRADE MARK

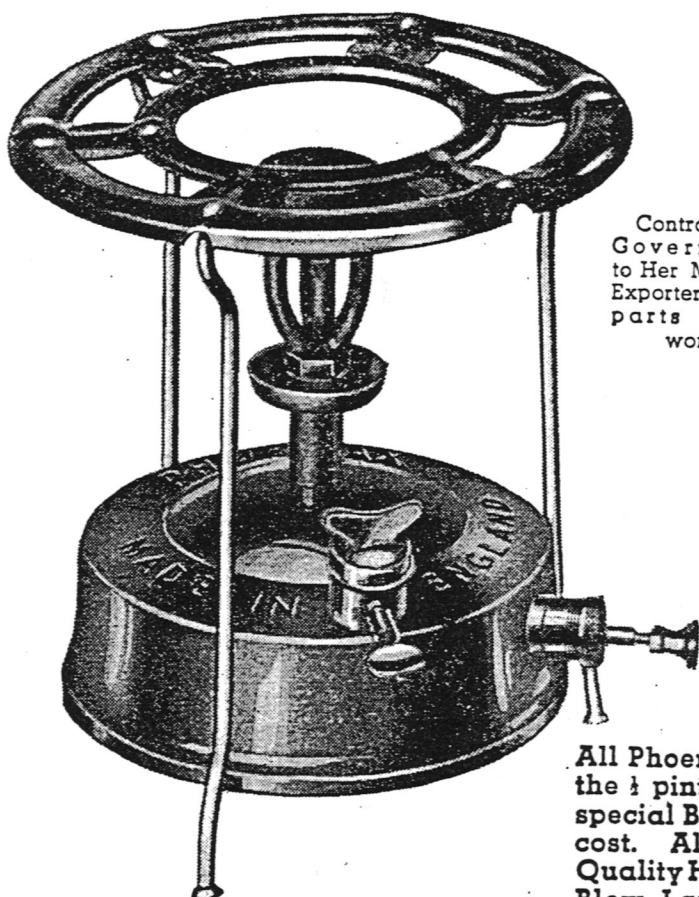
Blow Lamps and Pressure Stoves by specialists. Again leading the field. Ask for the new **CHROMED STEEL TIPPED BLOW LAMP NOZZLES**, an exclusive feature of PHOEMAX Blow Lamps. The new Chromed Steel Nozzle trebles the life of the most vulnerable part of the Blow Lamp, that is, the Nozzle. It also guarantees a more uniform, and cleaner flame. (Patent Applied For)



Contractors
Government,
to Her Majesty's
Exporters to all
parts of the
world.

1 pint Blow Lamp, as illustrated above, fitted with Phoemax Patent Paint Scraper, readily fitted to all makes of Paraffin Blow Lamps.

WE RESPECTFULLY SUGGEST YOU SHOW YOUR RESPECTIVE BUYERS OF BLOW LAMPS THIS NEW FEATURE



All Phoemax Stoves and Blow Lamps, except the 1/2 pint Blow Lamp, can be supplied with special Blow Off Safety Valve at small extra cost. All products are constructed of Finest Quality Heavy Gauge Cartridge Drawn Brass. Blow Lamp sizes 1/2 pint, 1 pint and 2 pint Paraffin.

For best results, use PINK Paraffin

PHOEMAX (LUDLOW) LTD.

(Successors to Meads Bros.)

Phoemax Works, Ludlow, Shropshire

Tel: Ludlow 114

Amateur and Professional

Decorators !

YOU cannot afford to be without

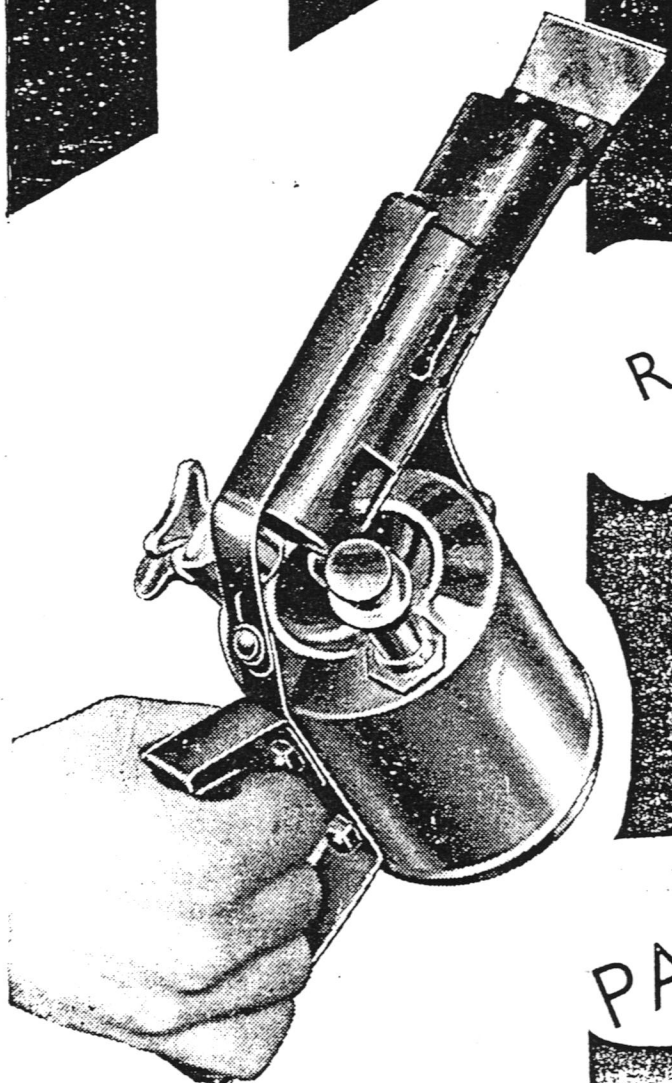
THE

'PHOEMAX'

Prov. Pat. No. 14295-50

RAPID

PAINT SCRAPER



Patentees and Manufacturers: GITTUS & LADBURY, Ludlow. Sole Wholesale Distribut
 FALK STADELMANN & Co., Ltd., 91, Farringdon Road, London, E.C.1.

There is a 'PHOEMAX'

Model

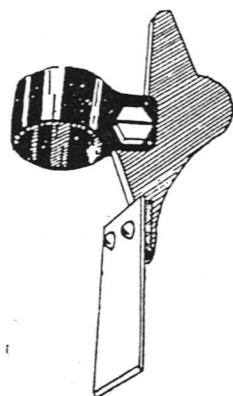


MODEL A

For standard one pint
 paraffin blowlamps.

Price — 5/-

for

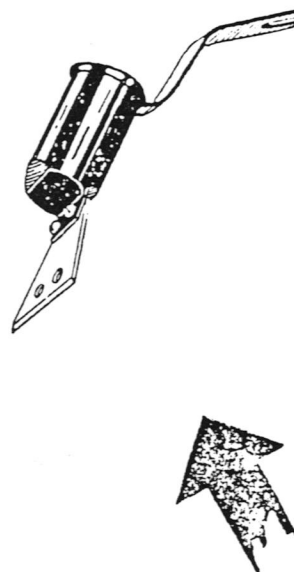


MODEL B

For standard petrol
 blowlamps.

Price — 4/6

any

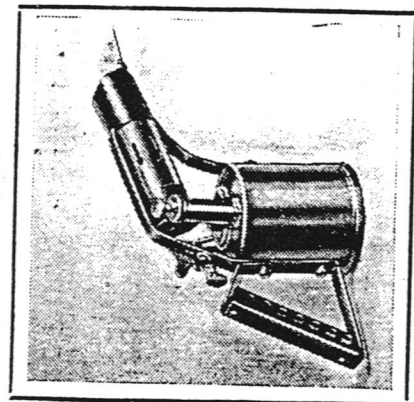


MODEL C

For half-pint paraffin
 blowlamps.

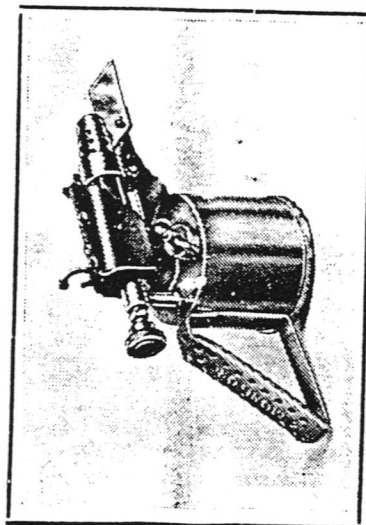
Price — 4/3

blow lamp

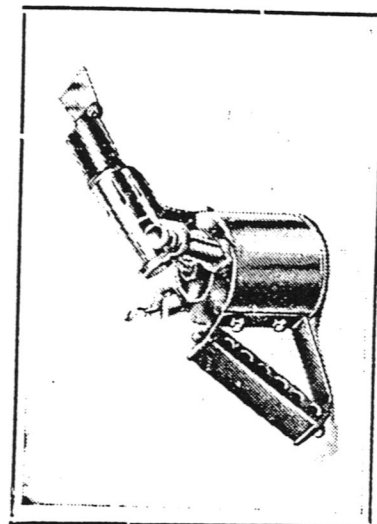


These photographs show
 "PHOEMAX" Rapid Paint
 Scrapers fitted to various
 blowlamps

Model A



Model B



Model C

THE **'PHOEMAX'** RAPID PAINT SCRAPER
has revolutionised the tedious process of paint
removal —

- ★ It takes less than one third of the time of the old method.
- ★ It costs less than the average standard scraper.
- ★ The blade cannot be damaged by heat as it is always in the correct position - BEHIND the flame, not IN it.
- ★ It is readily attached to all standard paraffin and petrol blowlamps.
- ★ The blade is reversible giving a 2½ inch or 1 inch scraping surface as required.
- ★ There is no cooling of the paint, for as soon as the lamp is applied scraping takes place.

The salient feature of the **'PHOEMAX'** RAPID PAINT SCRAPER is that it is used with one hand only, and when working up ladders or in restricted corners this advantage is self evident.

The New Way



The Old Way



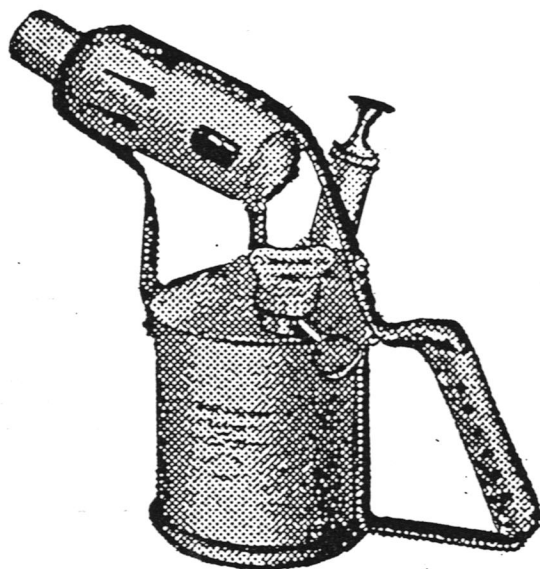
This old-fashioned fellow was toiling away
At some paintwork which had to be stripped
But with both his hands busy, we're sorry to say,
He just overbalanced and slipped.

But this chap, who's crafty and right up-to-date,
Had a **'PHOEMAX'** attached to his lamp;

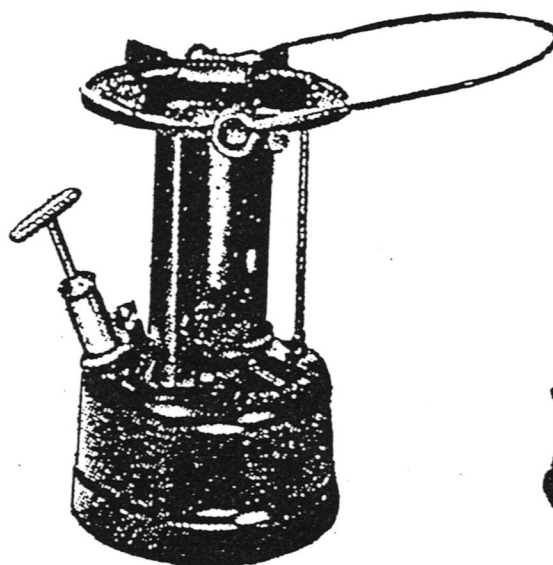
With one hand he works at the - - - - of a rate,
While the other holds on like a clamp.

-1960 -

McPHERSON'S LTD.



Z2044



Z2045



Z2047

Z2044—COMPANION KEROSENE BLOWLAMP

Made in Australia by authority of Messrs. A/B Sievert, Stockholm, Sweden.
All Companion parts of blowlamps and stoves are interchangeable with Swedish parts.
Every blowlamp is pressure tested and trial burned. Can also be supplied with vertical burner.
Capacity of container: No. 42 1 pt., No. 43 2 pts.

Z2048—COMPANION PRESSURE KEROSENE STOVE, No. 1

Heavy non-porous brass container built for safety, durability and efficiency. Burner is of superior construction and design. Burns 4½ hours with normal flame.

Z2049—COMPANION PRESSURE KEROSENE STOVE, No. 5

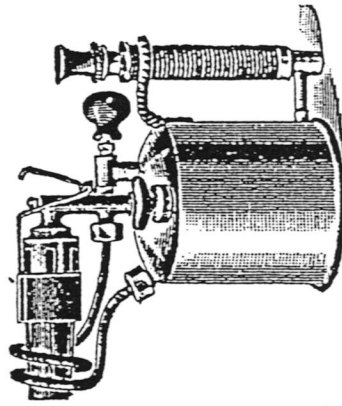
Similar to No. 1 with the exception of the burner, which burns silently, is fitted with heat resisting outer and inner caps.

Z2050—COMPANION PRESSURE KEROSENE STOVE, MODEL 2B

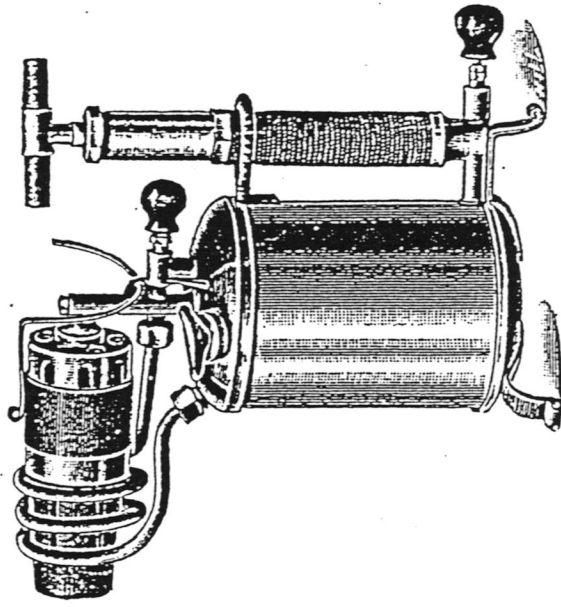
Streamlined, stove enamelled finish, for easy cleaning. Hinged vitreous enamelled top plate. The two regulating burners will work together or independently at full pressure.

The "Invicta" Benzoline Brazing Lamps.

The "Invicta" No. 1 is specially for Cycle Brazing Work.



"Invicta" No. 1.



"Invicta" Nos. 2 and 3.

The "Invicta" burns Benzoline.

The "Invicta" lamps are constructed for Brazing Work on a large scale. They fill the highest expectations that can be placed in a brazing lamp, and they are very suitable for outdoor work, even in very windy weather.

"Invicta" No. 1 has a flame 9in. long, and will do all small ordinary brazing jobs. One filling (1½ pints) will last one hour with full flame, but the flame may be regulated so that the same quantity of benzoline will last five or six hours.

"Invicta" No. 2 is intended for large brazing jobs, and is especially suitable for use in Copper Works, Cycle Works, Cycle Repairing Shops, and Shipyards (for taking off propellers, burning off old paint from vessels), etc.

The mouth of its burner tube is 1½in. in diameter, and it gives a flame 18in. long. It will melt a copper rod ½in. thick in three minutes.

One filling (4 pints) will last about one hour at full flame, but the flame may be regulated so that the same quantity of benzoline will last five or six hours.

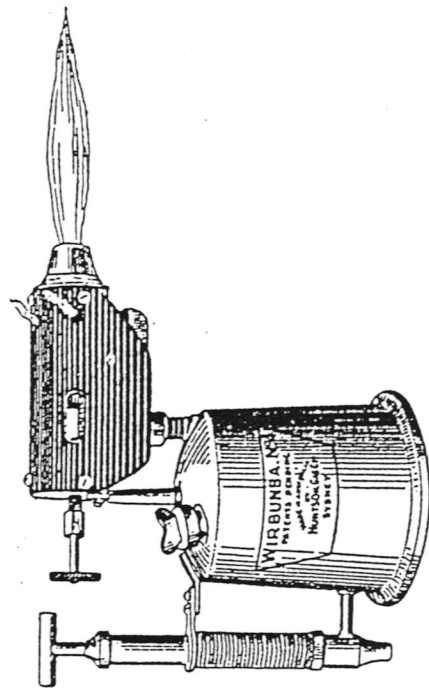
"Invicta" No. 3 is like No. 2, but larger and still more powerful.

The mouth of the flame-tube is 2in., and it gives a flame 21in. long. The capacity of the tank is 6 pints. It is for brazing jobs on a very large scale.

The "INVICTA."			
	No. 1.	No. 2.	No. 3.
Capacity in pints	1½	4	6
Weight, about	3½lbs.	7½lbs.	10½lbs.
Price, each	22/6	53/6	67/6

- 1920 - OIL GAS STOVES AND LAMP.

Hunt's Oil Gas Co., of 193 Hay-street, Sydney, gave practical demonstrations of the "Pioneer" oil gas stoves and the "Wirbunba" brazing and burning-off lamp. It is interesting to note "Wirbunba" in aboriginal language means "Flame of the fire bursting forth.". This lamp is manufactured in its entirety by the Hunt Co., at their works in Hay-street. It compares favorably with the imported article, and possesses several improvements, which users have not been slow to recognise.

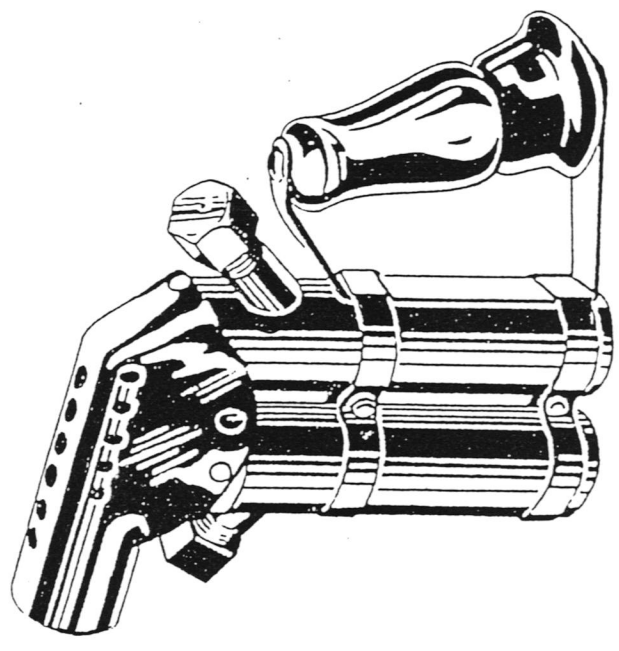


The body of the lamp is composed of a solid piece of brass, and the pump is secured to it with two screws, while the hexagon nut is at the base (instead of at the top in the imported lamps). The fact that the pump fits firmly into the arm support at the top, dispensing with the cane binding, overcomes the rather frequent damage of twisting the pump and straining the lower joint.

A further improvement is the elimination of the air screw by a channel cut in the thread over which the thumb screw cap is fitted. A slight release of the latter adjusts the air pressure as required. An improved valve seating, wherein the expansion by heat and frequent use carbonises the point and establishes leakage, has been overcome by a simple nipple, which provides its own seating, and can be replaced in a few minutes at a trifling cost.

Special attention has been given to balance in the hand. The lamp can be obtained in five sizes. The distributing agents are Maroney & Egan, Vickers

- 1940/1950 -



—ROEC PUMPLESS BLOWLAMP

The Pumpless Blowlamp may be used for hard soldering, small fine work, phos, copper, etc., and burning off paint. Pre-hect articles to be soft soldered with the Roec Solder Brush. The most convenient method of applying a clean, fierce, carbon-free flame to the thousand and one jobs in workshop and home.

- Australia -