

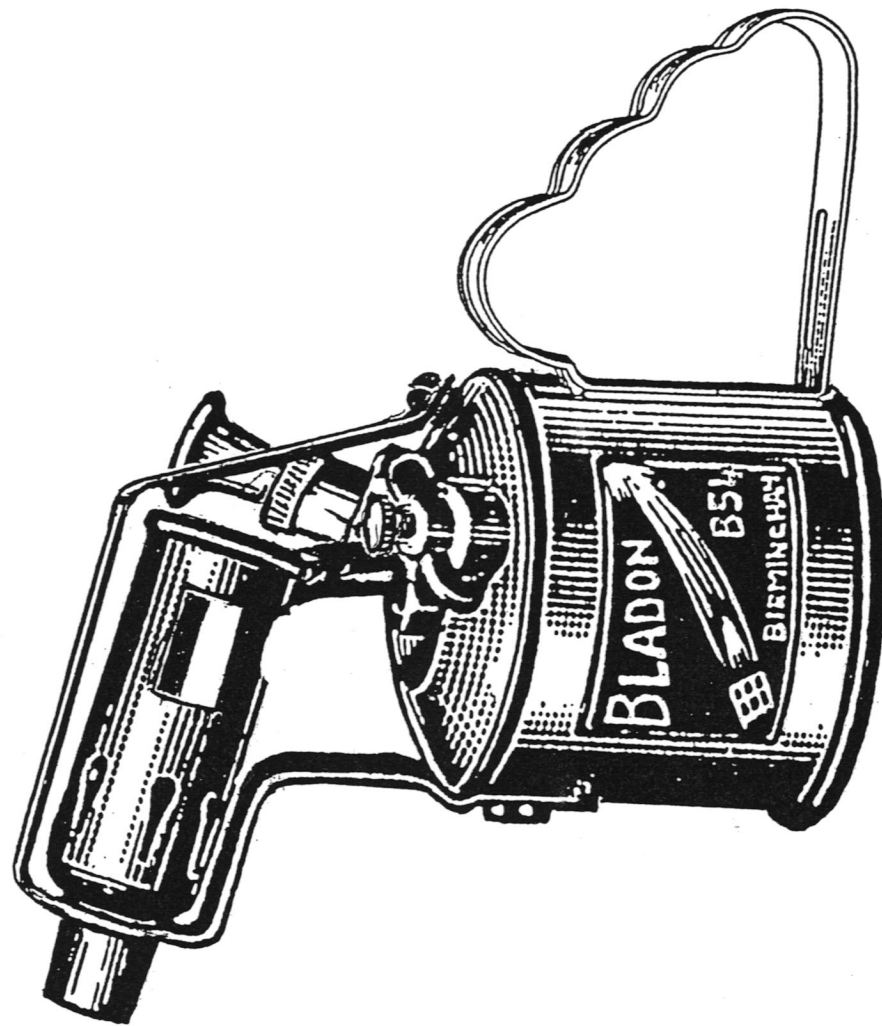


- 1960 -

The B.54 PARAFFIN BLOW LAMP

PLEASE NOTE:

- 1. The B.54 paraffin blowlamp has been specially designed for the small job and must not be overworked. It will give good service if treated fairly. Always use clean paraffin (we recommend "Esso Blue").
- 2. On the Pump Leather always use a spot of **LIGHT MOTOR OIL**. Castor Oil and other vegetable oils must never be used as they are easily dissolved by paraffin, forming a sticky mass which will clog the jet (the size of the jet is only .009").
- 3. Check that the pump joint is tight and that the washer in filler cap is in first class condition.
- 4. Immediately after using the lamp and whilst the vapouriser is still warm, pump up a little pressure in order that paraffin may spray through the nipple.
- 5. **REMEMBER**—For outside work use a larger lamp.



SEND FOR CATALOGUE:

T. E. BLADON & SON LTD.

PATENTERS & MANUFACTURERS

Telephone: COLmore 4634

**99-105 Northwood Street
Birmingham 3 England**

Telegrams:
"Bladon"
Birmingham 3

BLADON PARAFFIN BLOW LAMPS

CAUTION—Overfilling is bad practice, best results are only obtained if a good branded clean paraffin is used, we recommend Esso Blue.

Trouble will be avoided if dirt is eliminated, we recommend for this purpose our **Special Filler**, the spout of which is fitted with gauze.

Paraffin Blowlamps depend on internal air pressure to keep a steady supply of paraffin to the vapouriser. Sound washers should be fitted in filler cap, pump should be tight and air release properly seated.

Before starting up, see that jet is clear, this can be ascertained by screwing up air release and pumping a little pressure into the Lamp—a fine jet of oil should shoot through the nozzle. If jet is clear release pressure.

Jet should only be cleaned with the special needles provided, otherwise the size may be altered and the balance of the Lamp upset.

To start Lamp choose a sheltered position and fill the well at top of Lamp with methylated spirit or petrol, as an alternative paraffin will do provided a piece of rag or string is placed in the well to form a wick, however this method is **dirty** and we do not recommend it. If another lamp is used to start, **extreme** care is necessary.

Light methylated spirit or petrol, and just before it has burnt away tighten up air release and put a little air pressure into the Lamp.

Air pressure causes paraffin to enter vapourising tubes (which have been heated by the burning spirit or petrol), vapour is formed and issuing from the jet mixes with air and ignites at the end of the nozzle.

After a few seconds increase pressure, and when Lamp has been burning for about a minute it should be ready for use. Jet will be given a constant supply of gas generated in the vapouriser by the flame in the nozzle.

To replace paraffin used and to retain pressure, pump when necessary but not to excess, 30 lbs. to 35 lbs. being all that is required.

Do not overfill, there should always be an air cushion.

Dirt in jet or loss of pressure due to leakage of air will cause flame to die away.

Should jet become clogged pumping up will not clear it, if replacement is necessary use special key but take care when refitting not to cross the threads.

Dirt and other impurities will not vapourise but form carbon which clogs the tubes. This can be retarded if after use air release valve is tightened and a little neat paraffin allowed to spray through the nipple.

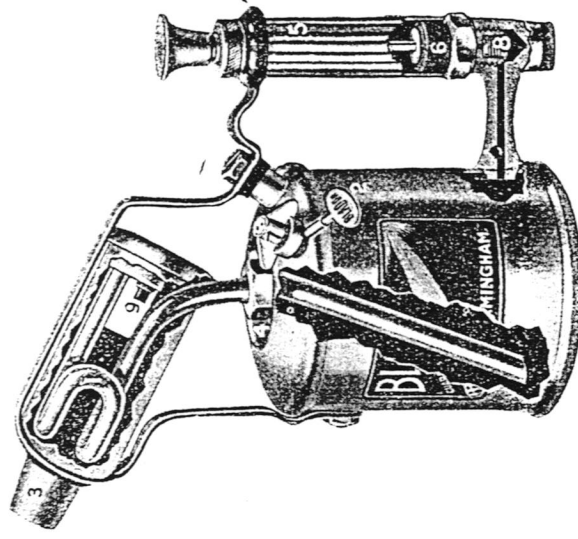
Some models are fitted with a pressure safety device and occasionally a new washer may be required for these. **Bladon** safety devices are automatic requiring very little attention.

Dress pump seal occasionally with light engine oil, this will lengthen their life and improve efficiency.

Illustration shows model B.57, a powerful One Pint Lamp designed for cable jointers, plumbers and electricians.

All parts are standard and interchangeable, if **spares** are required they can be obtained **by return**, when ordering, state number of Lamp, type and year of manufacture.

All **Bladon Lamps** are tested before despatch, they are guaranteed and will give good service if used fairly.

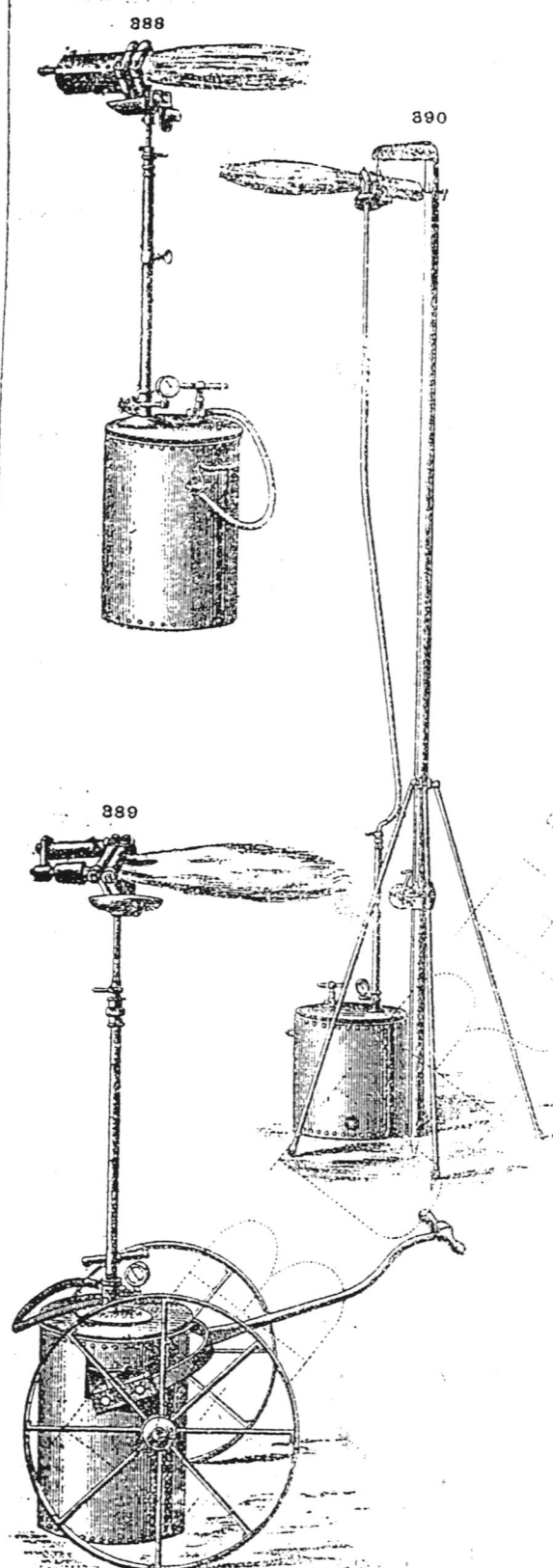


1. Vapouriser.
2. Air Release Valve.
3. Nozzle.
4. Starting Well.
5. Pump.
6. Pump Washer.
7. Filler Cap.
8. Pump Valve.
9. Nipple.

"BLADON" Blow Lamps are tested and guaranteed

- 1890 -

37



388

LAMPES A GRANDE PUISSANCE

Kérosène économique aux huiles lourdes de goudron de houille

Modèles.....

	A	B	C
Puissance d'éclairage en bougies.....	1.000	2.500	3.500
Consommation à l'heure..... en litres.	3 1/2	5 1/2	9 1/2
Diamètre du réservoir..... en cm.	38	46	61
Brûleur.....	61	61	61
Poids de la lampe vide..... en kilog.	55	61	90
..... chargée.....	90	130	180
Prix.....	500 »	525 »	580 »
Prix des Brûleurs de rechange.....	45 »	50 »	63 »

NOTA. — Il est presque inutile d'approvisionner d'un brûleur de rechange par avance. On pourra ainsi avoir un brûleur nettoyé pendant que l'autre fonctionnera, et on ne sera pas pris au dépourvu en cas d'accident.

889

CHASSIS DE TRANSPORT

Permettant à un homme seul de déplacer les Appareils.

Chassis seuls pour modèles.....

Prix..... la pièce.....

B	C
125	135

NOTA. — Deux tenons placés à l'intérieur des roues sur le bâti, viennent s'adapter aux poignées, et il ne suffit plus que d'appuyer sur la flèche pour soulever l'appareil de terre.

390

MATS PORTATIFS ARTICULÉS

Se fixant sur les appareils B et C et élevant la flamme à 4 mèt. du sol

Mâts seuls pour modèles.....

Prix..... la pièce.....

B	C
115 »	125 »

NOTA. — Le mât articulé construit en fer creux, n'augmente pas sensiblement le poids de la lampe qui reste toujours très transportable. Il se monte et se démonte rapidement. La colonne est articulée par le milieu, ce qui permet d'abaisser le brûleur pour l'usage ou le nettoyage.

388 bis

Modèle spécial transportable à la main

Puissance : 1.000 bougies - Consommation 3 k. 1/2 à l'heure

Dimensions du réservoir 42 x 20 cm -- Poids : vide 21 k. ; En charge, 38 k

Prix de l'Appareil..... 325 »

— du brûleur de rechange..... 48 »

NOTA. — Pour les travaux importants et de longue durée, cet appareil n'est pas d'un emploi aussi pratique que les modèles A, B et C.

De dimensions réduites, il ne tient pas si pression aussi longtemps et il a besoin d'être réajusté plus souvent. Néanmoins, il trouve son emploi dans, bien des cas, en particulier lorsque la lumière doit être fréquemment déplacée, et aussi lorsqu'il y a intérêt à multiplier le nombre des foyers lumineux.

391

HUILE LOURDE

Pour l'alimentation des Lampes à grande puissance

Le bon fonctionnement de mes appareils dépend surtout de la qualité de l'huile. J'ai toujours un approvisionnement important d'une huile spécialement épurée que je vends aux prix ci-dessous.

Sans vouloir en imposer l'emploi à ma clientèle, je suis obligé de déclarer que je garantis le bon fonctionnement de mes appareils, alors seulement qu'ils sont alimentés avec mes huiles.

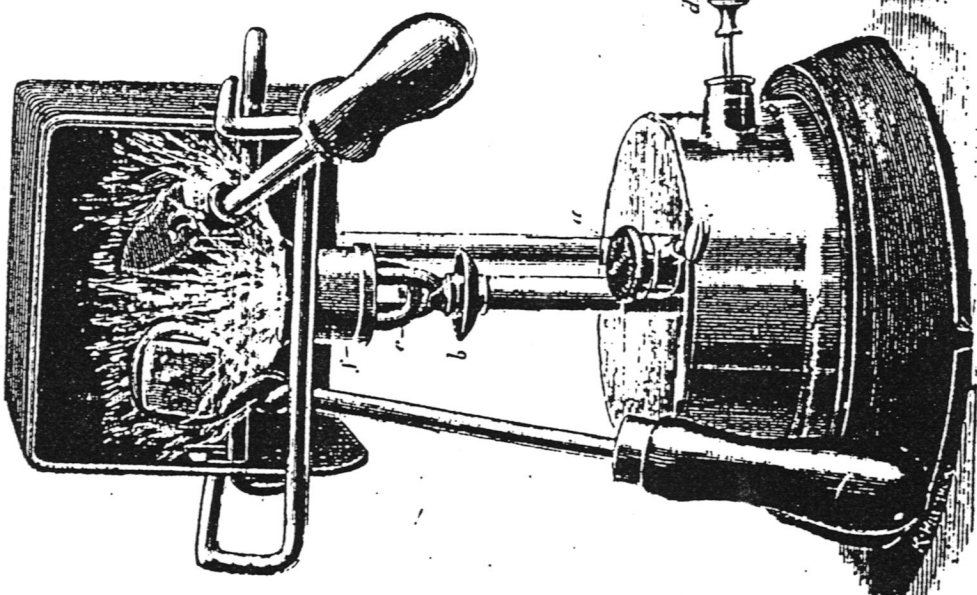
Prix : Par petite quantité..... les 400 kil. 25 »

Par 25 fûts, soit 5.000 kil. à la fois. — 22 »

Ces prix entendent au brut, c'est-à-dire fût pesé et facturé comme huile.

VOIR CONDITIONS DE VENTE PLANCHES A.B.C.D.

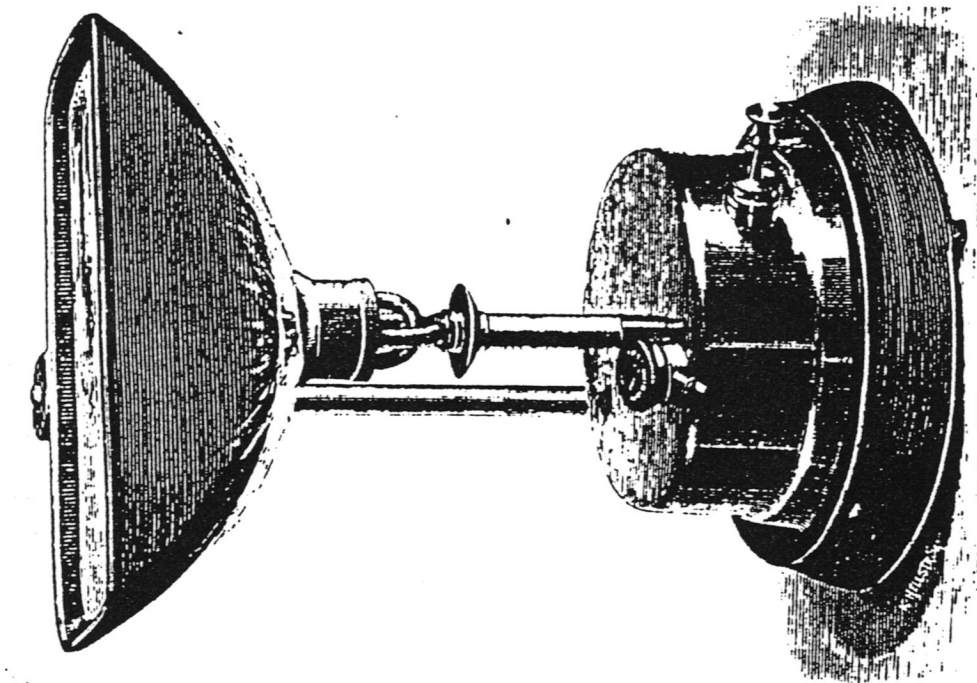
The Plumbers' Stove.



FOR HEATING SOLDERING-IRONS.

One Burner, 2-pint tank ...
Two Burners, 2½-pint tank (very strong) ...

Carriage Free in Great Britain over 10.- in Value.



FOR MELTING TIN OR LEAD.

price, 30/9 complete.
" 43/6 "

Specially constructed for use in Workshops. The Stove is supplied complete, as illustrated (without Soldering Irons), both with Melting Pot and Hood for heating the Soldering Irons. It burns Petroleum or Paraffin Oil without Wick, and is absolutely without smoke or smell. This can easily be carried about in one hand. It burns only one-third of a pint of oil per hour. Every Stove is warranted perfect. The Stove itself is made of brass, polished. The Foot, Stand, hood, and Melting Pot of cast iron.

Patent Portable Oil Blast Furnace.

Specially suitable for Heating Pipes for Bending Purposes and Melting Metals. Burns Common Paraffin Oil, and will melt 1 cwt. of Lead with only one Burner.

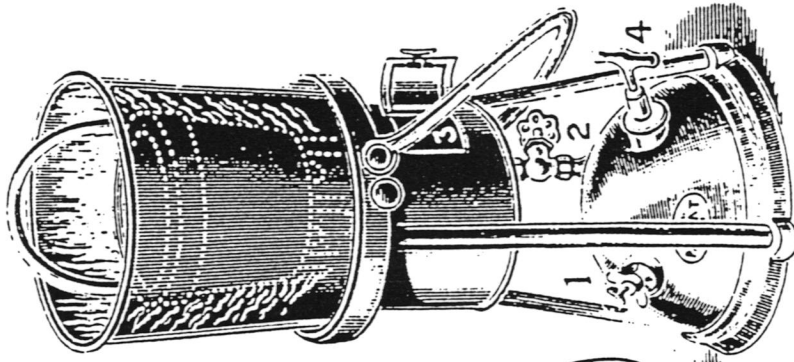
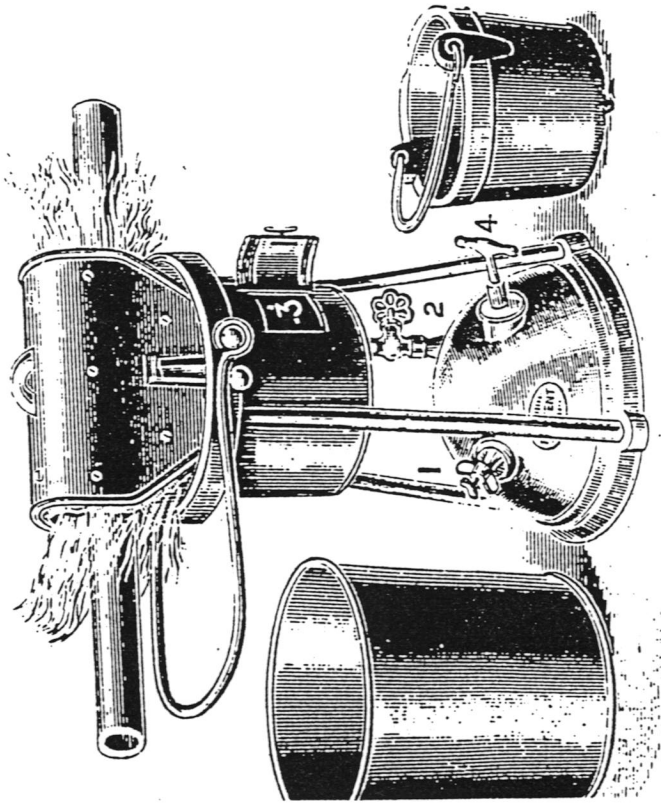
This Furnace, of which we show two drawings, is fitted with movable Top, so that by taking off Cover on Pipe Bending Furnace and placing on Loose Top, it is immediately converted into machine for Heating Metals.

Always ready for use.

Perfectly
safe
and very
powerful.

Requires
Little or no
attention.

This drawing shows Furnace suitable for heating Pipes bending purposes, or for heating Copper Bits, Plumbing Irons, Branding Irons, etc.

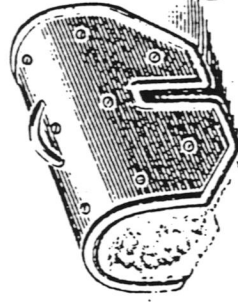


Price of Furnace, including Metal Pot, Pipe Bending Cover, and Loose Top complete :

929	...	£2 17 0	No.	...	£3 12 6	No. 931	...	£6 17 0
930	...	3 5 0	"	...	5 0 0	" 932	...	8 15 0

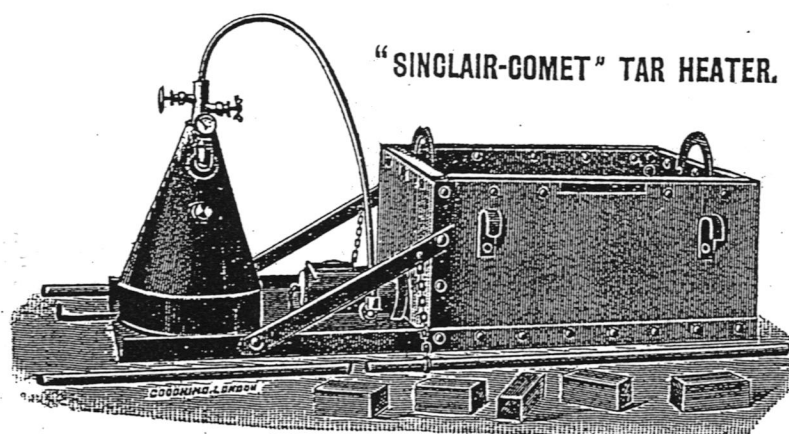
THE SPECIAL ADVANTAGES ARE:—It is portable, it can be carried to any place where heat is required and at once got work. Each Machine is fitted with Valve to regulate flame, so that a lower heat may be obtained, and Metals or Pipes be kept at any desired temperature for any length of time.

This drawing shows the same Furnace suitable for melting Lead, Tin, Solder, Zinc, and other Metals.



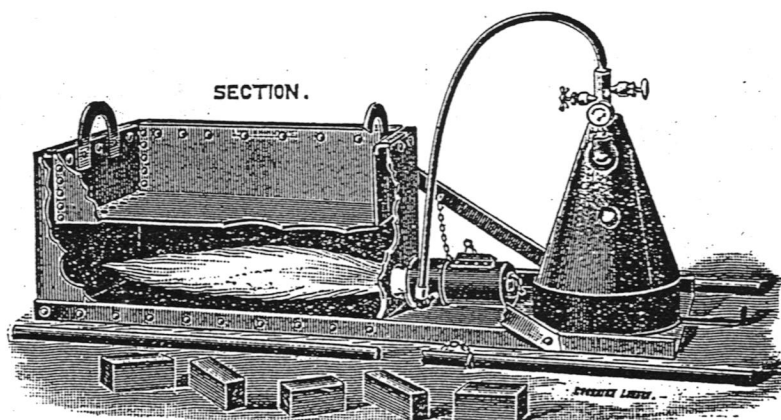
SINCLAIR'S IMPROVED TAR HEATER.

Specially Designed for Wood Paviers. Also Electrical and Telephonic Engineers, &c.



PRICE OF LAMP AND TRAY COMPLETE £5 5 0

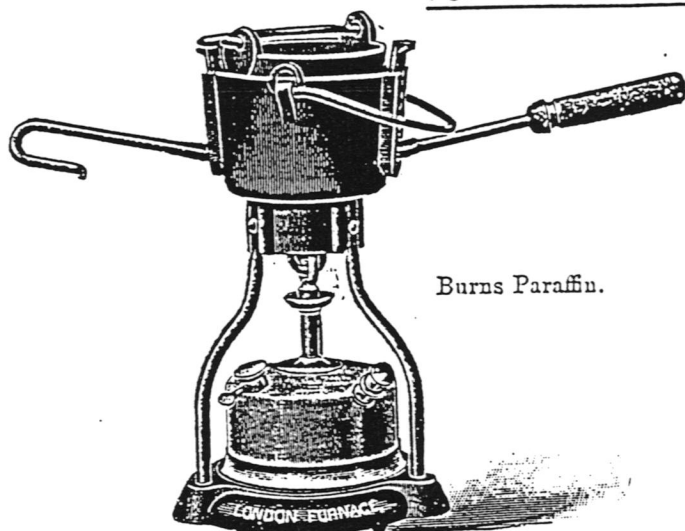
The above is an adaptation of our well known and highly appreciated Reversible "Sinclair-Comet" Lamp for Melting and Maintaining the Tar at the desired heat so as to properly liquify it for paving purposes; and it has the great advantage that in windy weather it cannot be blown out as Wick and Oil Lamps are, and combustion being perfect, there is no soot under the Tray. The Lamp when not required for heating can be used for giving light. Burns Russian Petroleum Oil, and is Self-Cleansing.



- 1915 -

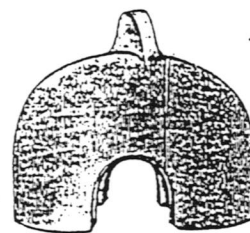
"London" Furnace.

For Universal Use.



Burns Paraffin.

Fire Clay Cover.



For Heating and Bending
Iron Pipes. 1/- extra.

In the "London" Furnace we have combined all the advantages introduced in our other furnaces, and have been able to make several further improvements. The furnace is supported by three legs. The Lamp itself is of Brass, and of the same pattern as used with the "New Hekla." The burner of this lamp is of a new type, and equally as powerful as two ordinary burners. The lamp stove itself can be taken out for cleaning, repairs, etc. Iron pipes up to 1½ in. (inner diameter) can be heated for bending in the flame while the lead is being melted in the pot. In the same manner Plumbers' Soldering Irons and Copper Bits can be introduced by the side doors, as shown in the illustration.

Result of Experiments.—26lb. of Plumbers' Metal was melted in 9 minutes. 1½ in. Steam Pipe red hot for bending in 10 minutes.

Capacity.—Tank holds 3 pints of Paraffin. One filling will last for 2½ hours. Pot holds 23lb. of Plumbers' Metal.

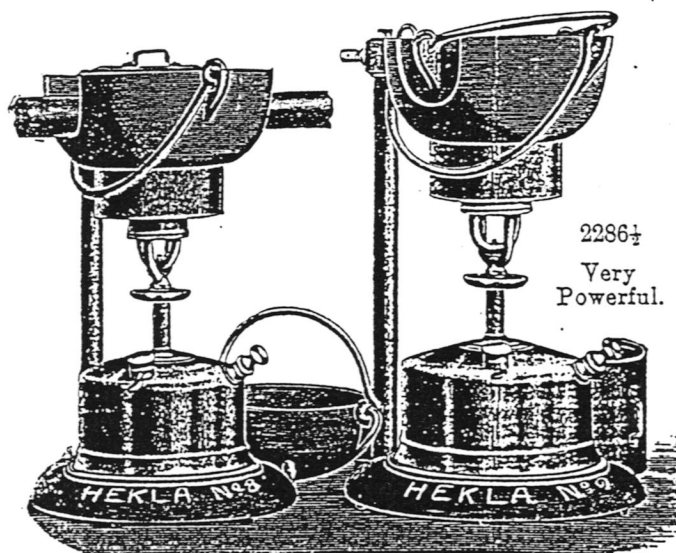
Guarantee.—Every Stove is perfect. Flame atmospheric blue, without smoke or smell. No wick. Burns Paraffin or Petroleum. Every Stove is tested under very high pressure.

Price, Complete with Melting Pot (without Soldering Irons)	...	...	...	...	37/6 each.
,, of Fire Clay Cover for Heating Pipes	...	...	...	...	1/- "

The "New Hekla" Improved Portable Street Furnace.

The "New Hekla" is decidedly the most perfect Street Furnace on the market. The "New Hekla" is warranted to burn the Paraffin Oil in form of Gas, without the slightest Smoke or Smell. The Flame is enclosed, and is not affected by wind or rain. It is very substantial, and can be easily carried about. It is easily lighted, and the size of the Flame regulated like a Gas-jet. It is very economical. Every stove is tested at 25lb. pressure. A Melting Pot and Asbestos-lined Cover is supplied with each stove.

	Nos. 8	9
Capacity of Oil Tank	4	5½ pints.
Consumption per hour at full working pressure..	1½	2 "
Weight Complete	26	31lb.
Heats Iron Tubes in 8 minutes	1½	2in.
Melts Lead in 8 minutes	35	48lb.



Price, Complete	...	...	...	...	...	Nos. 8	9
	...	...	...	...	...	45/-	52/6

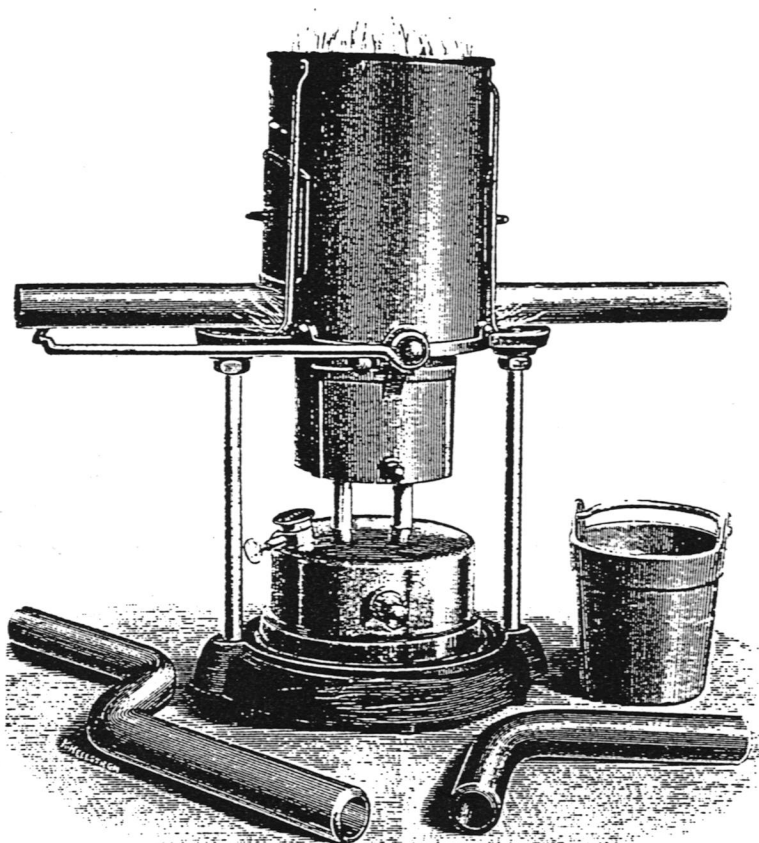
C. NURSE & CO., INVICTA TOOL WORKS, 181 & 183, WALWORTH ROAD, LONDON, S.E.

Awards for Excellence of Machines and Tools:

-1915 -

Portable Street Furnace.

Very Powerful.



No. 918.

This Stove is decidedly the most perfect Street Furnace on the Market. Warranted to burn the paraffin oil in form of gas without the slightest smoke or smell. The flame is enclosed and is not affected by wind or rain. The furnace is so constructed that one can melt metals at the same time the soldering irons or iron pipes are being heated. It is very substantial and can be easily carried about. It is easily lighted and the size of the flame regulated like a gas-jet. It is very economical.

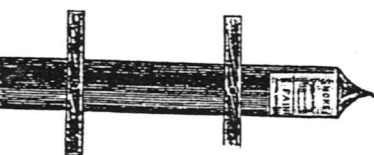
	A.	B.	C.
Number of Burners	1	(usual size) 2	3
Capacity of Oil Tank	2½ pints	2½ pints	4½ pints
" " Melting Pot for lead	21 lb.	21 lb.	29 lb.
Melts lead } Pounds	21 "	21 "	29 "
In Minutes	8	4	4
Price complete	43/6	48/9	60/-

Each Stove packed in Case. Price 2/-,

Smoke Rocket for Testing Drains.

Size 10 in. by 1½ in.

Will burn from fifteen minutes, emitting a dense volume of smoke. The Sticks fixed across the rocket enable same to be lodged in the drain clear of water or sewage that may be at the bottom of pipe. Two or more Rockets may be burnt in a Drain, if required, at the same time.



No. 918A.

8/- per doz.

MELHUISH'S Fetter Lane, Holborn Circus, London, E.C.

- 1923 -

Téléphone
TRUDAINE 52-77

Société Anonyme LIDGERWOOD
114, Rue du Faubourg Poissonnière — PARIS

Télégrammes
LIDGERWOOD-PARIS

Fourneau portable à Pétrole pour Plombiers

INDISPENSABLE POUR PLOMBIERS, SERRURIERS, ÉLECTRICIENS, ETC.

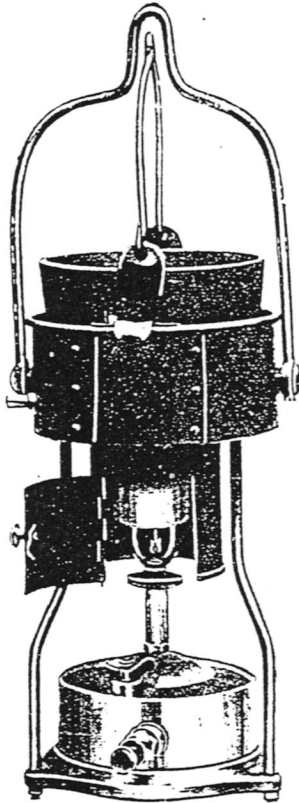


Fig. 1.

Fig. 1. Montre le fourneau prêt à fondre le métal avec le protecteur de flamme ouvert afin d'illustrer le déplacement ou le remplacement du Réchaud.

Fig. 2. Montre la méthode de chauffer les fers à souder.

Fig. 3. Montre le procédé du chauffage des tubes au rouge prêts à être ployés.

Peut être employé pour fondre le plomb ou l'étain, chauffer des tubes au rouge, chauffer des fers à souder et pour d'autres applications utiles.

Hauteur 50 c/m

Largeur 22 c/m

Poids 6.5 kilos

Capacité de Récipient du Réchaud, 1.75 litres

Contenance du Creuset 13 kilos

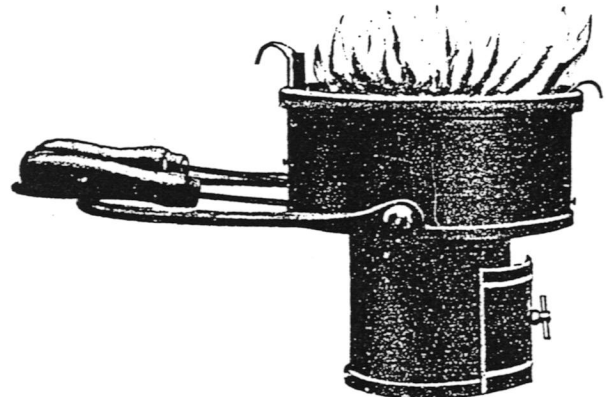


Fig. 2.

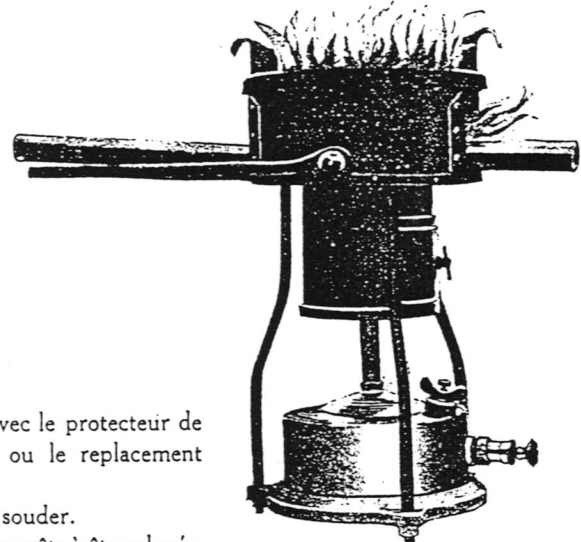


Fig. 3.

Fondra 13 kilos de soudure en 7 minutes, chauffe les fers à souder en 1 minute, chauffe au rouge les tubes de 30 m/m prêts à être ployés en 7 minutes.

Le réchaud et le creuset en fonte peuvent se démonter. Le récipient du réchaud est fait du meilleur acier étamé à l'intérieur et à l'extérieur ; par conséquent, il ne peut se corroder. La base sur laquelle repose l'appareil est en fonte.

INAPPRECIABLE POUR TREMPER LES OUTILS

Prix sur demande. — Livrable du stock.

Nous fabriquons aussi des appareils à braser de tous genres.

BUCK & HICKMAN, LD., - 1920 -

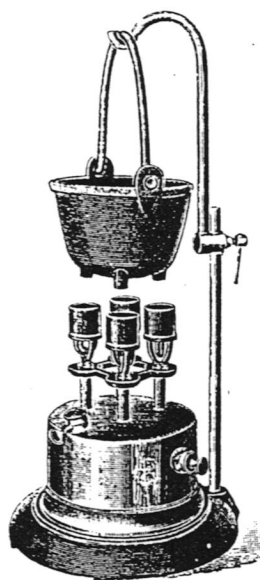
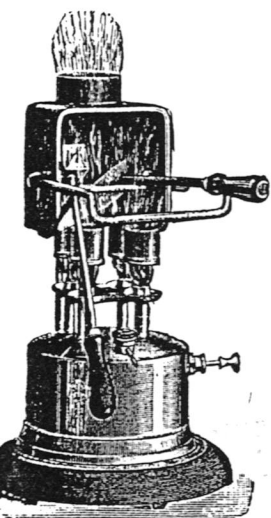
Paraffin Furnaces

For Heating Soldering Irons, Melting Lead, Tin, etc.

Illustrations show Furnace in use with soldering iron support and with crucible for melting lead, tin, &c. Most economical and specially constructed for workshop use, the Furnaces are supplied with Lamps having 1, 2, 3 and 4 burners. Melting-pot hood and soldering iron support are interchangeable.

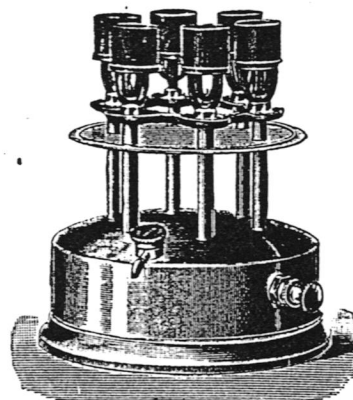
Size	A	B	C	D
No. of burners	1	2	3	4
Capacity .. pints	3½	3½	4½	6
PRICE, with crucible but without hood ..	36/-	43/-	56/3	63/-
PRICE of hood, extra ..	5/9	5/9	5/9	5/9

The Lamps are detachable and can, therefore, be used independently and for a variety of purposes.



Specially designed for heating geysers, bath, and other large water tanks for laboratory and industrial use where great heat is required.

Size	A	B	C	D	E
No. of burners	2	3	4	6	8
Capacity .. pints	3	3	3	8	8
PRICE .. each	30/6	36/6	41/-	66/6	77/3



"London" Paraffin Furnace

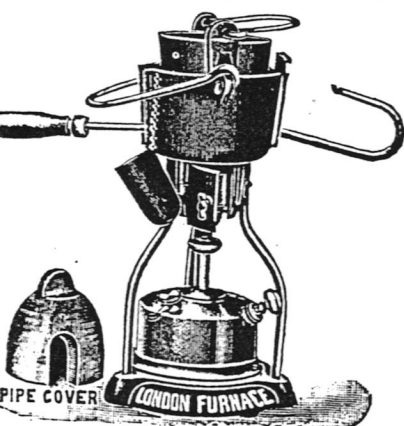
The "London" Furnace combines all the advantages of other furnaces. Iron Gas Tubes up to 1½ in. (inner diameter) can be heated for bending in the flame while metal is being melted in the pot. Plumbers' Irons and Copper Bits can be made hot below the melting pot, as shown in the illustration. The Lamp can be removed for cleaning, &c. The Burner is twice as powerful as ordinary burners.

Tank holds 3 pints of paraffin. The hourly consumption is 1½ pint at 30 lb. pressure. Weight with Pot, 24 lb. Pot holds 23 lb. of Plumbers' Metal.

The Fireclay Cover is only sent when specially ordered. It is most useful in heating pipes for bending.

PRICE, complete with Melting Pot 57/9 each
(Without Soldering Irons)
Extra For Fireclay Cover 2/1 ..

The above Lamps are arranged for burning Paraffin.



2, 4 & 6, WHITECHAPEL ROAD, LONDON, E. 1.