

The
"BP"

Lamps & Stoves

Cleary Gas

- 1923 -

THREE STOVES IN ONE

The simplification of household mechanism—the making of one utensil do the work of two or three—is the keynote of modern domestic science. Nowhere has this been carried out more completely or more successfully than in the "BP" Stove.

Under the "BP" Oven the Stove furnishes heat for the cooking of a full-course dinner. Used separately, the stove boils a pint of water in 1 minute 45 seconds, fries chops and steaks, and makes delicious, crisp, brown toast. Cooking done, the simple attachment of a burnished copper reflector turns it into a handsome and efficient radiator.

In addition, there is the "BP" Standard Lamp, built on the same principle, which furnishes a 280 candle-power light at a cost of one farthing an hour.

The chief feature of the "BP" Stoves and Lamps is the Cleary Patent Burner, which burns a mixture of 98 % air and 2 % Cleary Gas automatically generated from ordinary LAMP OIL—NOT PETROL.

*Write for illustrated booklet
 A 13, or call at our West-End
 Showrooms: 217 Oxford St., W.1.*

British Petroleum Co., Ltd.
3, NEW LONDON ST., LONDON E.C., 3

- 1930 -

S. TYZACK & SON, LTD.

THE "NEW LONDON" PARAFFIN FURNACE

The handiest and quickest Furnace on the market for melting Lead, bending Pipes, heating Soldering Irons, etc., etc.

Can be used with any blow-lamp (horizontal or inclined burner), the pipe cover acting as support for small sizes.

Easily carried. Always ready for use. Melting Pot with Lip.

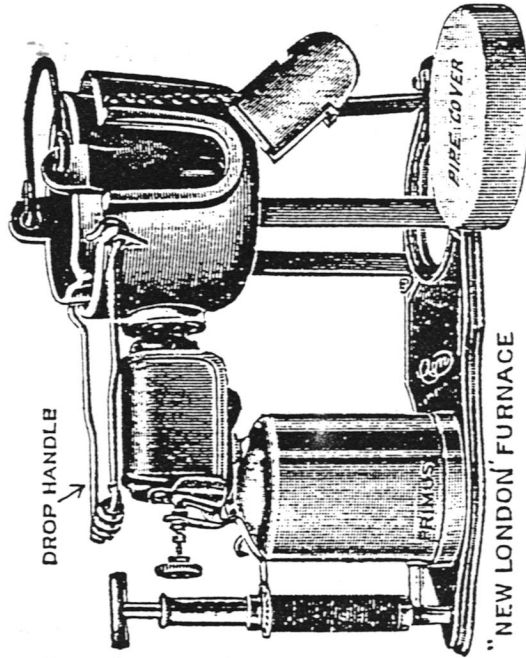
Will melt lead quicker than any other furnace of similar capacity. Weight, without Lamp, 22 lb. net; with Lamp, 26 lb. net. Height, 16 in.; length, 18 in. Tests: 17 lb. of Plumbers' Metal melted in 5 minutes; 1 in. Steam Pipe ready for bending in 2 minutes.

No. **TW1604**. Price, with "Primus" Brazing

Lamp (2½ pints) (Swedish) ... 45/- without

.. **TW1604a**. Price, without Brazing Lamp ... 19/- pipe cover.

No. **TW1604c**. Pipe Cover, extra, 1/4 each.



"NEW LONDON" FURNACE

THE "LONDON" FURNACE

Burns Paraffin. Recommended as the Best for Universal Use

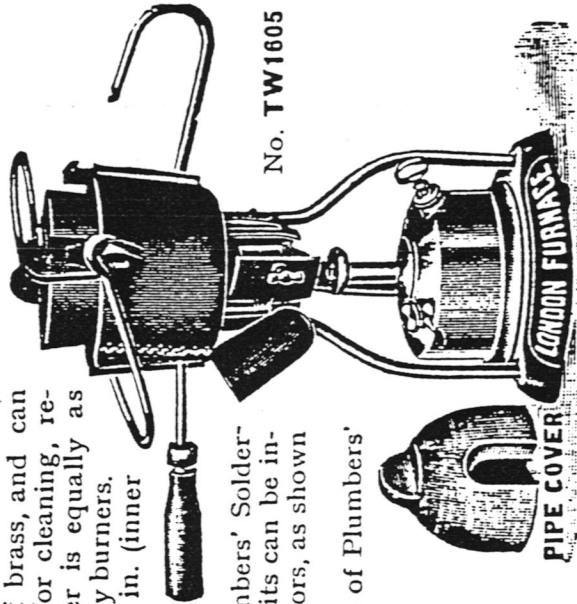
The Lamp itself is of brass, and can readily be taken out for cleaning, repairs, etc. The burner is equally as powerful as two ordinary burners.

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. Plumbers' Soldering Irons and Copper Bits can be introduced by the side doors, as shown in the illustration.

Experiments.—26 lb. of Plumbers' Metal was melted in nine minutes; 1½ in. Steam Pipe red hot for bending in ten minutes.

Specification.—Tank holds 3½ pints of Paraffin. One filling will last for 2½ hours. Weight with Pot, 24 lb. Melting Pot holds 26 lb. of Plumbers' Metal. (Swedish.)

No. **TW1605**. Price, complete with Melting Pot (without Soldering Irons), 40/- each. Fire-clay Cover for heating pipes, extra, 2/5 each.



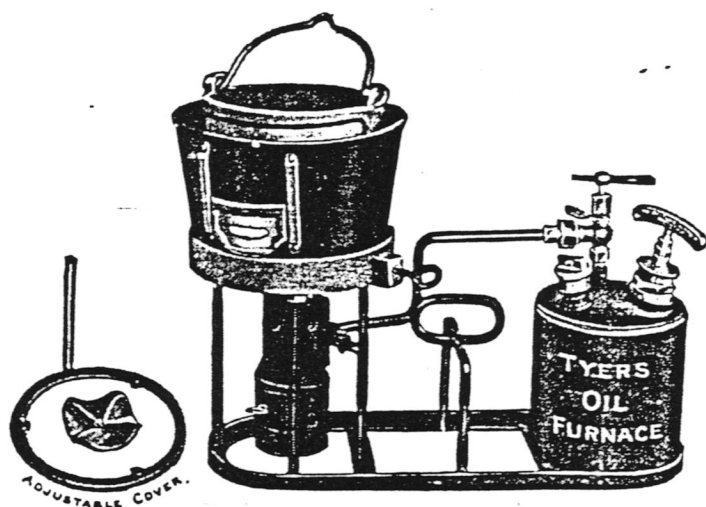
No. **TW1605**

PIPE COVER

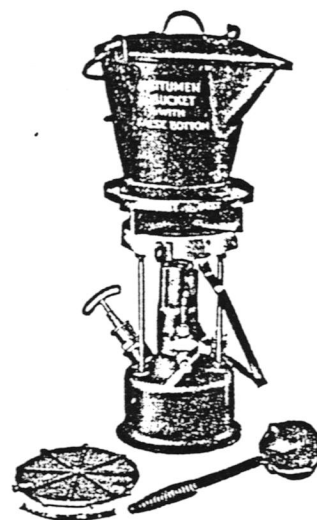
Tyer's Patent Oil Blast Furnaces

For Paraffin

Used by Electricians, Cable Jointers, Water and Gas Companies, Plumbers, etc. Will melt Solder, Lead, Tin, Bitumen, Pitch, etc. Heats Soldering Irons and Pipes for bending.



No. T 4761
Horizontal Pattern



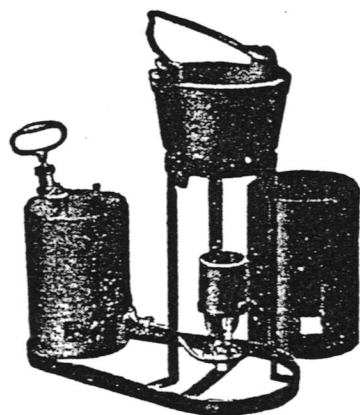
No. T 4720
Vertical Pattern

Prices, either Pattern

Size No.	Heats	Melts	Oil Capacity	£	s.	d.
1	Up to 1 in. Pipe	10 lb. Metal	2 pints	10	3	3
2	" " 1½ in. "	16 lb. "	3 "	11	12	9
3	" " 2 in. "	28 lb. "	5 "	12	18	0
4	" " 2½ in. "	56 lb. "	7 "	17	16	6
5	" " 3 in. "	112 lb. "	9 "	24	6	0

Either Pattern can be supplied with Pipe Cover as shown with No. T 4761 or Bucket Rest as shown with No. T 4720

Note. Bucket and Ladle shown with No. T 4720 are extra.



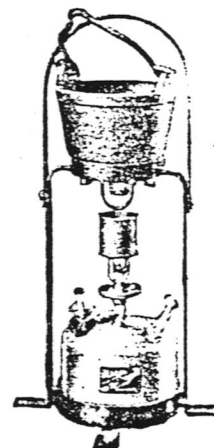
Horizontal Pattern.

Oil Capacity, 6 pints ... £6 10 0

Plumbers' Furnaces

For Paraffin

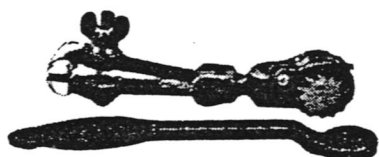
Inexpensive but reliable.
Brass Containers, Brazed Joints
and Welded Steel Frames.
Complete with Melting Pot.



Vertical Pattern.

Oil Capacity, 3½ pints ... £6 0 0

Linesmen's Wire Straining Vice



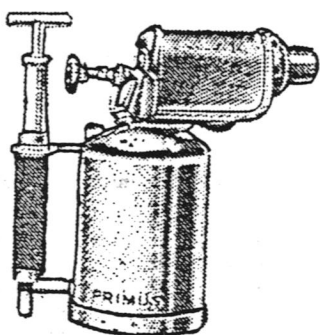
Consisting of Hand Vice, Ratchet and Key

Vice Length ...	4	6	8	10 in.
Total Length ...	7¼	10	12¼	16 in.
Price ...	32/-	46/-	66/-	96/- ea.

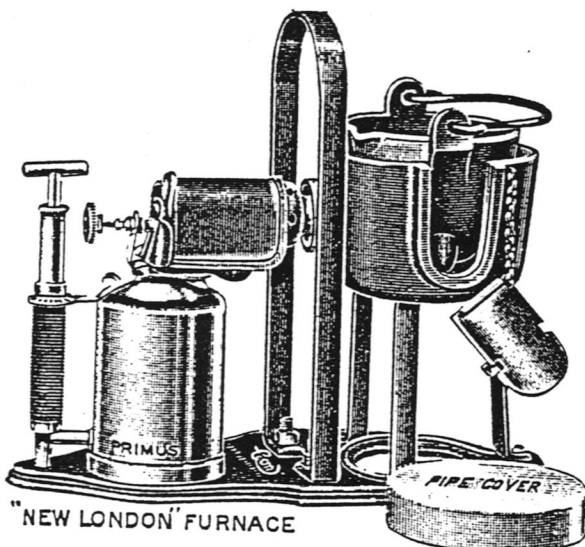


The "NEW LONDON" PARAFFIN FURNACE No. 725.

THE HANDIEST AND QUICKEST
FURNACE ON THE MARKET FOR
MELTING LEAD, BENDING PIPES,
HEATING SOLDERING IRONS, ETC., ETC.



Lamp removed for separate
use, viz.: Brazing, etc.



"NEW LONDON" FURNACE

Weight without Lamp	(No. 605 "Primus")	22 lbs. nett.
" with "	" " "	26 lbs. nett.
Height ... 18 inches.	Length ... 18 inches.	

Will melt lead quicker than any other furnace of similar capacity.

TESTS :—

(with 605 "Primus")
17 lbs. of Plumbers' Metal
melted in 5 minutes.
1 inch Steam-pipe ready for
bending in 2 minutes.

ADVANTAGES :—

Can be used with any blowlamp
(horizontal or inclined burner) the pipe-
cover acting as support for small sizes.
Easily carried. Always ready for use.
Melting Pot with Lip. (Capacity 23 lbs.)

No. 725.	Price, with "Primus" No. 605 Brazing Lamp	(2½ pints) 57/- each	} without pipe cover.
No. 726.	" without "	... 22/-	
No. 727.	" of Pipe Cover extra	... 1/6	

SOLE AGENTS

Condrup Ltd.

78, FORE STREET,
LONDON, E.C.2.

BUCK & HICKMAN, LTD.,

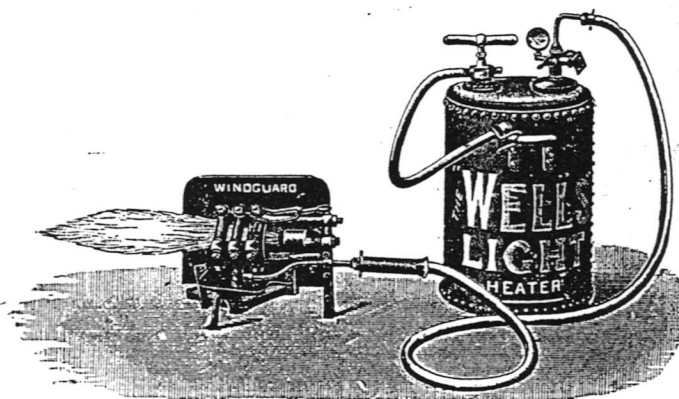
- 1935 -

The "Wells" Heater

These Heaters are invaluable for Marine, Boiler, Tramway Work, Engineering Works and Waterworks. A valuable feature in these plants is the Oil and Air Suction Hose, by means of which the Tank may be recharged without stoppage of the work.

No. 2. Standard Heating Plant, complete with No. 3, 24×18 in. Pressure Tank, 10 ft., special Oil Delivery Hose and Couplings ..	£26	5	0
„ 1. Plant comprises the same burner and fittings as above, but with No. 1, 16×10½ in. Pressure Tank ..	18	5	0
Heating Burner only for Nos. 1 and 2 Plants ..	5	0	0
„ „ complete with 10 ft. Hose and Couplings, and Bell Handle ..	8	5	0
Extra Hose per foot ..	5/-	Couplings per Set ..	10/-
Bell Handle, each ..	5/-	Wind-guard, each ..	15/-
Two screw-down valves and Tee piece, comp. ..	37/6		
No. 3. Special Heating Plant, for heating Tar and Bitumen Boilers in place of coke Fires. This plant is self-contained with No. 3 Special Burner, vertically arranged, 8 ft. Oil Delivery Hose and No. 1, 16×10½ in. Pressure Tank.			

£15 5 0



For use with Commercial Paraffin.

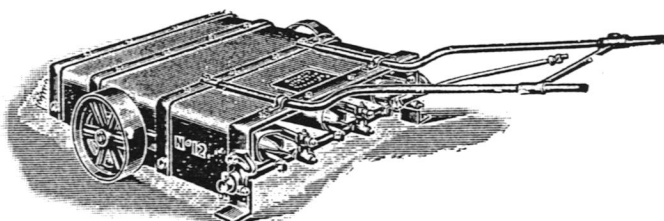
SMALL PLANTS FOR LIGHT WORK

No. 0. Heating Plant, complete with No. 1, 16×10½ in. Pressure Tank, 8 ft. of Oil Delivery Hose and Couplings ..	£14	10	0
„ 000. Heating Plant complete with small 3-gallon Steel Tank, but no oil suction hose, 8 ft. of Oil Delivery Hose and Couplings ..	9	10	0
Heating Burner only for Nos. 0, and 000 Plants ..	3	0	0
„ „ complete with 8 ft. Hose and Couplings ..	4	10	0

Extra Hose, per foot, 3/-; Couplings, per set, 6/-

Wells' Road Heating and Drying Plants

For Drying Road Surfaces for Tar or Pitch Grouting, and repairing and patching Tar-macadam or Asphaltic Roads.



For use with Commercial Paraffin.

No. 10A	Single Burner Road Dryer ..	£19	5	0
	15 ft. Special Oil Delivery Hose ..	2	5	0
	Brass Couplings (set) ..	10	0	
	No. 1 Pressure Tank and Fittings ..	10	0	0
	Complete Plant, £32	0	0	
No. 12	Three Burner Road Dryer ..	£28	10	0
	20 ft. Special Oil Delivery Hose ..	3	0	0
	Brass Couplings (set) ..	10	0	
	No. 3 Pressure Tank ..	18	0	0
	Portable Carriage for Tank ..	7	0	0
	Complete Plant, £57	0	0	

Tyers' Patent Road and Floor Drying Furnace

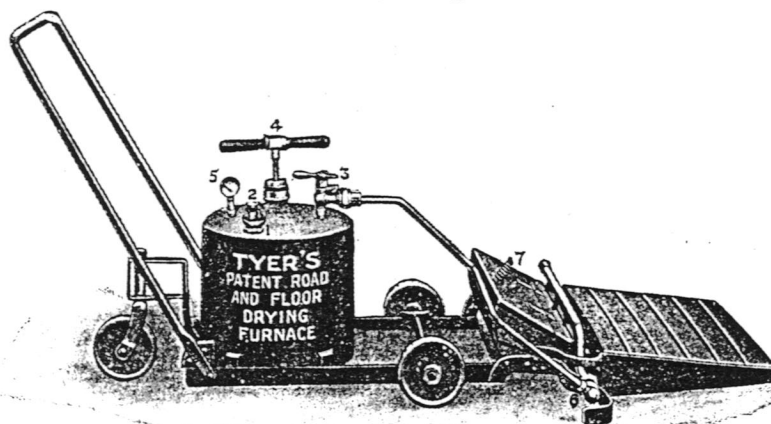
Specially suitable for Heating and Drying Tar, Macadam or Asphalt Roads. Drying and sterilizing large floor areas for Tea, Sugar, Rice and Food warehouses. Destroying grass and weeds on footpaths, etc.

Portable and quickly started.

SPECIFICATION

5 Gallons Steel-Welded Oil Tank, fitted with powerful Hand Pump, Oil Filler, Pressure Gauge, Supply Valve and Flame Adjuster, 3 intensive burners from one supply giving 18 in. wide flame, mounted on wrought iron frame and wheels with Transporting Handle.

PRICE, £20 0 0



For use with Commercial Paraffin.

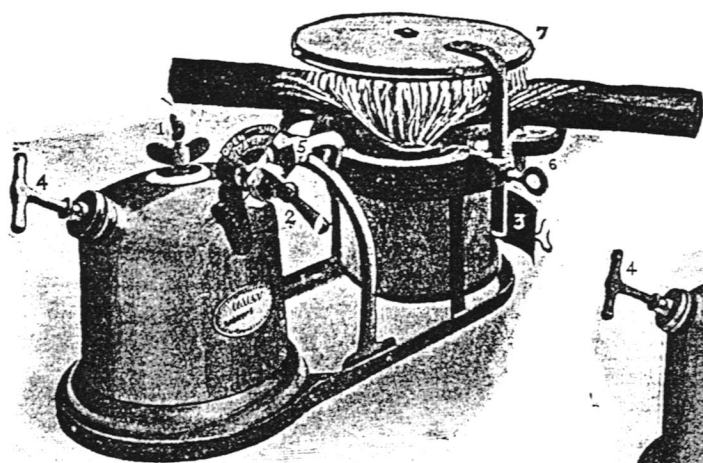
2, WHITECHAPEL ROAD, LONDON, E. 1.

- 1935 - BUCK & HICKMAN, LTD.,

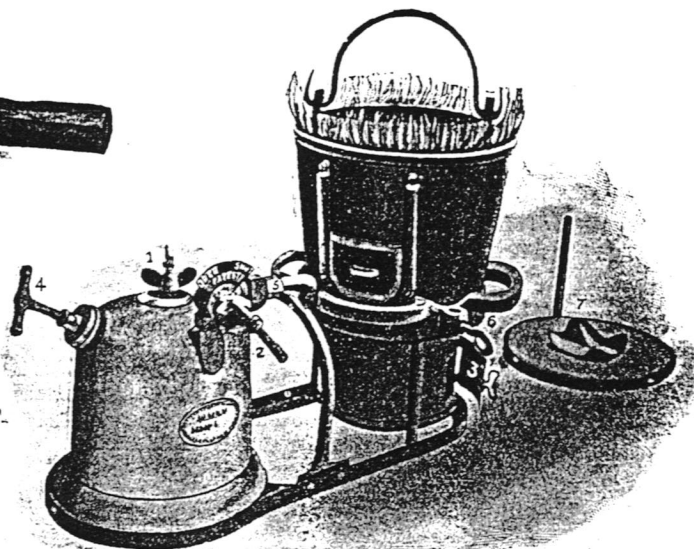
Patent Portable Oil Blast Furnace

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

This Furnace is fitted with Movable Top, so that by releasing Screw (No. 6) and lifting off Cover on Pipe Bending Furnace and placing on loose Top it is immediately converted into machine for Heating Metals.



This illustration shows furnace suitable for heating pipes for bending purposes, or for heating Copper Bits, Plumbing Irons, Branding Irons, etc.



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

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

	1. Furnace heats up to	in. Pipe, and will melt	lb. of metal.	Capacity of Oil Container	2 pints.	PRICE, £	s	d
1.	"	1	10	16	"	5	2	6
2.	"	1½	16	28	"	5	17	0
3.	"	2	28	56	"	6	10	0
4.	"	2½	56	1 cwt.	"	9	0	0
5.	"	3	1 cwt.	2	"	12	7	6
6.	"	4	2	"	"	15	15	0

Bucket Rests, 5/6 each.

Each machine is fitted with valve to regulate flame, so that a lower heat may be obtained, and Metals or Pipes can be kept at any desired temperature for any length of time. The Vaporizer may be lifted out when required, simply by unscrewing union (No. 5), without interfering with any other parts.

Patent Portable Oil Blast Furnace

Specially suitable for all kinds of heating purposes, brazing, tempering, hardening, annealing, heating boilers, melting metals, etc.; also for heating boiler plates and rivets, shrinking collars, etc.

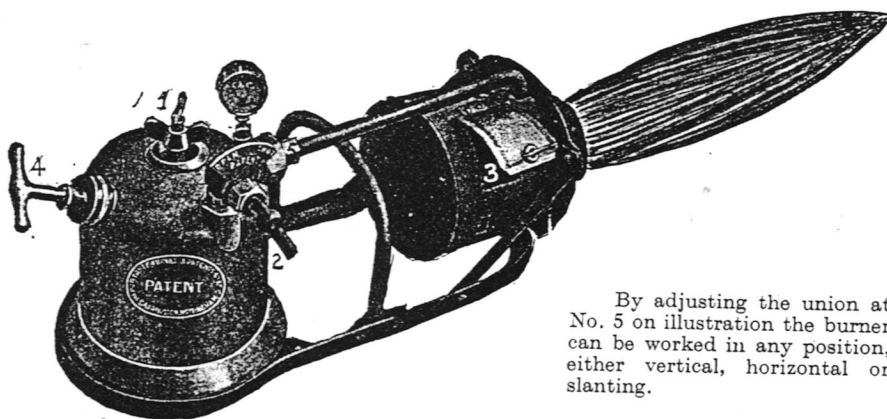
Designed for Engineers, Shipbuilders, Dockyards, Boiler Makers, Cycle Makers and Repairs, etc.

Burns Paraffin Oil.

PRICE of Furnace.	No. 1	£5	8	0
"	"	2	6	0
"	"	3	7	4
"	"	4	9	18

In addition to the fixed burner, we can supply this machine fitted with fixed burners, or one may be a portable burner connected to oil reservoir with Metallic Flexible Tubing, this must be stated at time of ordering.

at a cost of additional Burner	45/-
" Metallic Tubing, per ft.	1/6
" Pressure Gauge	13/6



By adjusting the union at No. 5 on illustration the burner can be worked in any position, either vertical, horizontal or slanting.

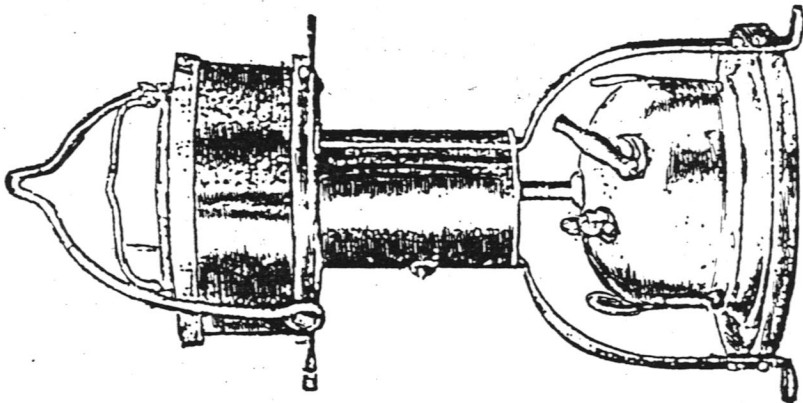
Each machine is fitted with valve to regulate flame. The vaporizer may be lifted out when required, simply by unscrewing union (No. 5), without interfering with any other parts.

Can be supplied vertical type.

2, WHITECHAPEL ROAD, LONDON, E. 1.



- 1935 -



No. 892

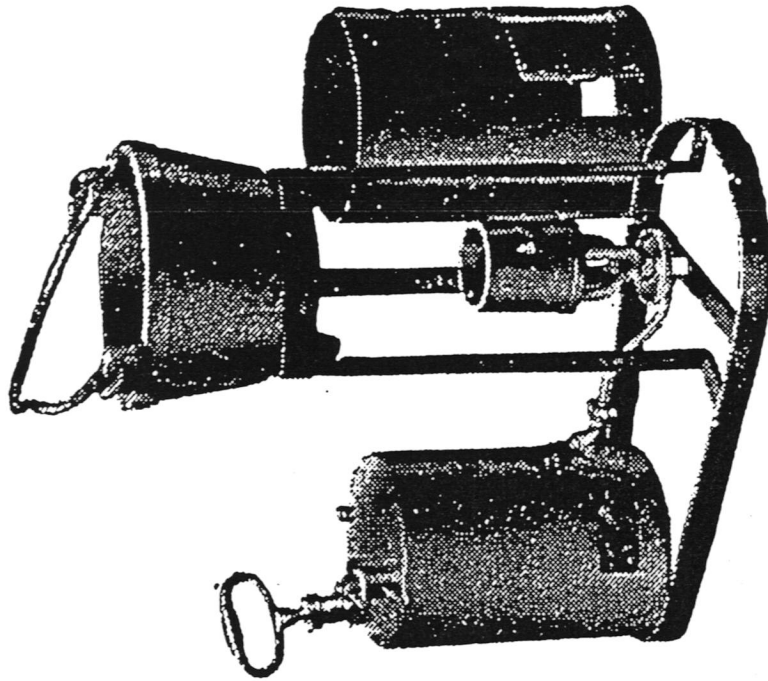
Comprising powerful Heating Stove, strongly built of heavy gauge non-porous Brass with self-contained pump and safety device.

Frame and Handle constructed of Wrought Iron with door and shield of best Steel.

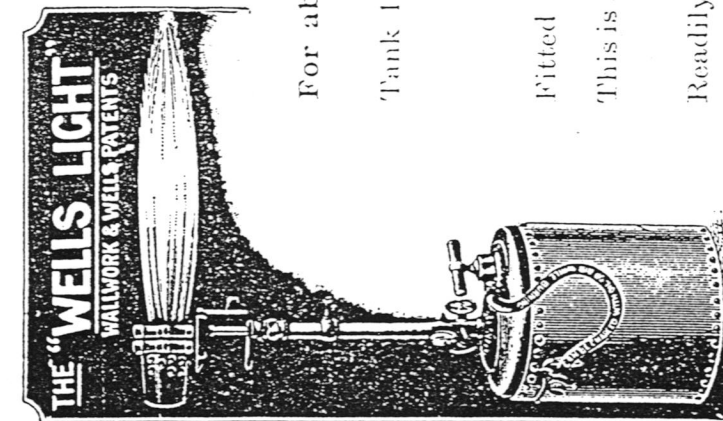
The seven pint Stove will melt 28 lb. Metal in 8 minutes.

No. 892	...	...	...	...	...	A	B	C
Capacity of Tank	...	...	...	...	Pints	2 1/2	4	7
Oil Consumption per hour	...	...	...	...	Pints	1 1/4	2	3
Overall Height	...	...	...	...	Inches	15	22	24
Capacity of Melting Pot	...	...	...	...	Lbs.	28	28	56
Weight	...	...	...	...	Lbs.	12 1/2	21	37
Price complete with Melting Pot	...	...	...	...	Each	63/-	75.3	89.3

B.69. Plumber's Furnace. For indoor or outdoor use. One gallon capacity. Overall dimensions - 21" X 19" X 10"
Capacity - 1 gallon.



- 1935 - BUCK & HICKMAN, LTD.,



The "Wells Light"

Fig 3394

No. 1. 1,500 Candles

Hand Pattern with No. 2 Size Burner for Tar Oil (this Oil being thick a smaller burner does not work so well).

Flame 1 ft. 6 in. long. $\frac{3}{4}$ gal. Oil per hour.

For abroad this lamp is fitted with a No. 1 Burner for Petroleum, 500 candle power, unless ordered with a No. 2 size burner.

Tank 16 in. \times 10 $\frac{1}{2}$ in. diam. of galvanized plate (weight, 40 lb. empty, 70 lb. when full); refined tar is used in this lamp. Holds oil for 4 hours, but can be replenished while working.

PRICE, complete £10 0 0. *Extra Burner, £1 10 0

No. 3. 2,500 Candles

Fitted with self-starter, a most important addition whereby the lights are started in a few minutes without smoke or smell. The Tanks are made in steel boiler plate.

This is a most useful size for general contractors', builders' and engineers' work. Weight, 150 lb. empty, 280 lb. full. Size of Tank, 24 in. \times 18 in. Carried by two men.

Flame 2 ft. long. 1 $\frac{1}{4}$ gal. Oil per hour.

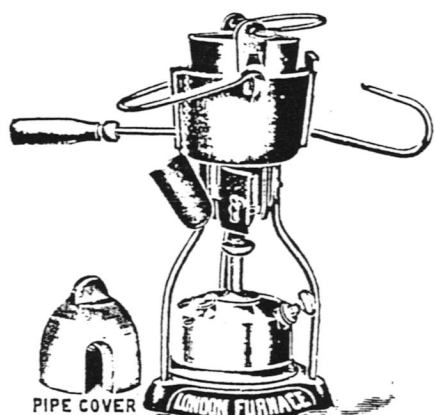
Readily portable, but light is so powerful that it does not require moving so often as the smaller sizes. Tank of best steel boiler plate.

PRICE, complete, £16 10 0. *Extra burner, £1 15 0

* We always send an extra burner with each lamp unless specially ordered otherwise. It is advisable to have spare burners in case of unforeseen damage, and to prevent stoppage of work.

For Foreign Markets all Lamps are arranged to burn ordinary Kerosene or Refined Petroleum.

ROBERT STOTESBURY LTD BRISTOL



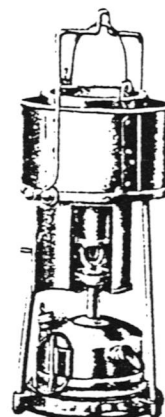
THE "LONDON" FURNACE

Will Melt 17 lbs. of Metal in 5 Minutes.

Complete with Melting Pot and "Primus" Lamp.

Price 47 6 each

Fireclay Pipe Cover, extra 2 6



THE "EMPIRE" OIL FURNACE

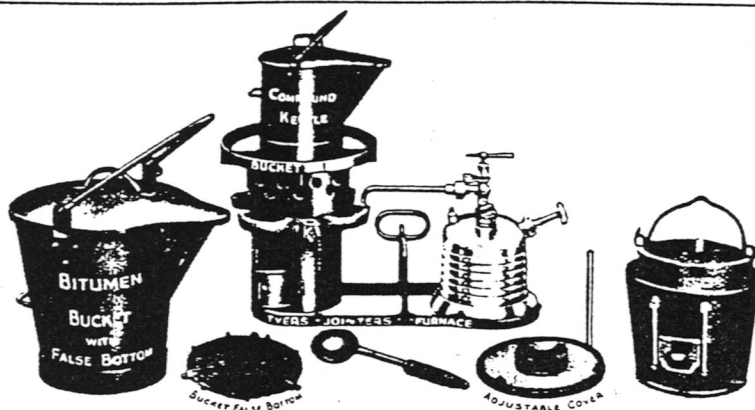
For Gas and Water Companies, Contractors, Plumbers and Electricians. Suitable for Indoor and Outdoor use. Capacity 3 pints. Will melt 25 lbs. Plumbers' Solder in 10 minutes.

Price 67 6 each

PATENT PORTABLE OIL BLAST FURNACE

Adapted for Melting Lead, Tin, Bitumen or Compound, Heating Pipes for Bending Purposes, Heating Soldering Irons, Copper Bits, etc.

Complete with Metal Pot, Loose Top and Pipe Cover or Bucket Rest (as desired).*



Capacity (Oil)	2	3	5	7	9	12	pints
Heats Pipe...	1	1½	2	2½	3	4	inches dia.
Melts Metal	10	16	28	56	112	224	lbs.
Price	102 6	117 -	130 -	180 -	247 6	315 -	each
*Pipe Cover or Bucket Rest	5 -	6 -	7 -	8 6	10 -	12 6	"
Spare Pots	2 6	3 -	4 -	6 6	11 6	15 -	"

2 gallon Bitumen Buckets, with Lid and False Bottom, to suit above 13 - each
 ½ gallon Hand Service Compound Kettles, with Lid and False Bottom 8 6 ..

PATENT PARAFFIN PORTABLE HEATERS

Designed for Engineers, Shipyards, and wherever portable heat is required.

Suitable for Brazing, Tempering, Hardening, Boiler Work, Pre-heating for Acetylene Welding, Drying Foundry Moulds, Heating Tram Rails, Melting Lead from Gas and Water Mains, and General Engineering Work.

Strong Gauge Copper Oil Container, with Powerful Pump (4), Large Oil Filler and Air-Release (1), Pressure Gauge (6), Supply Valve (2), Burner (3). Mounted on Frame with Handle easy for Carrying. Burner is adjustable to work horizontally, vertically or inclined by Regulating Union (7).

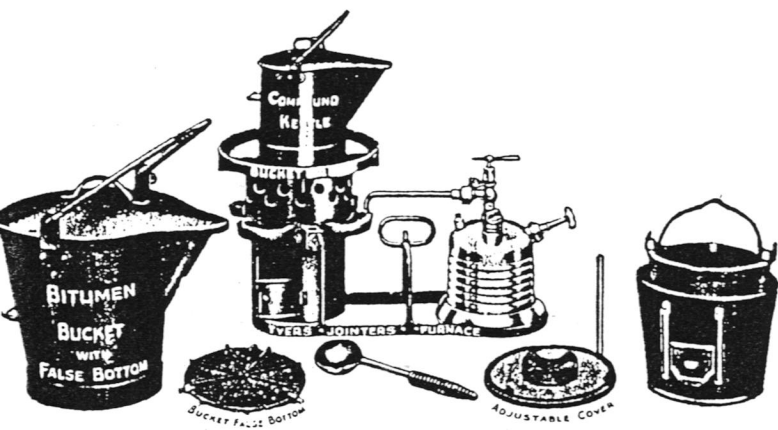
Additional Supply Valve can be fitted (at extra cost) in Oil Reservoir, to which Hand Burner with Oil-Resisting Hose may be connected, allowing both Burners to operate at same time.

Prices include Pressure Gauge.

Capacity (Oil)	3	5	7	9	pints	Oil Resisting Hose
Price	108 -	126 -	144 -	198 -	each	1 6 ft.
Hand Burner Connection extra	—	45 -	50 -	55 -	set	



JOHN HALL TOOLS LTD.

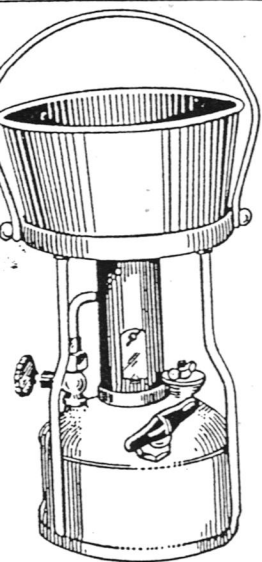


PATENT PORTABLE
OIL BLAST FURNACES
(FOR PARAFFIN)
JOINTERS' AND PLUMBERS'
OUTFIT
(JH 2478)

Melts Solder, Lead, Tin, Bitumen, Compound, Pitch ; heats pipes for bending, Soldering Irons, boils water.
The Oil Furnace is complete with metal pot, loose top, and pipe cover, or bucket rest (as desired).

The Accessories shown on left, i.e. Bitumen Bucket, Compound Kettle, Ladle are available as EXTRAS.
Prices on application.

SPECIFICATION	Oil Capacity	Furnace Complete	Additional Bucket Rest or Pipe Cover	Spare Pots
No. 1 Heats 1 in. Pipe and Melts 10 lb. Metal.	2 pints.	£8 14 3	8/6	5" 4/9
No. 2 " 1½ in. " " " 16 lb. "	3 "	£9 19 0	10/3	6" 5/6
No. 3 " 2 in. " " " 28 lb. "	5 "	£11 0 0	12/-	7" 7/6
No. 4 " 2½ in. " " " 56 lb. "	7 "	£15 6 0	14/6	8" 12/3
No. 5 " 3 in. " " " 112 lb. "	9 "	£21 0 0	17/-	10" 21/6



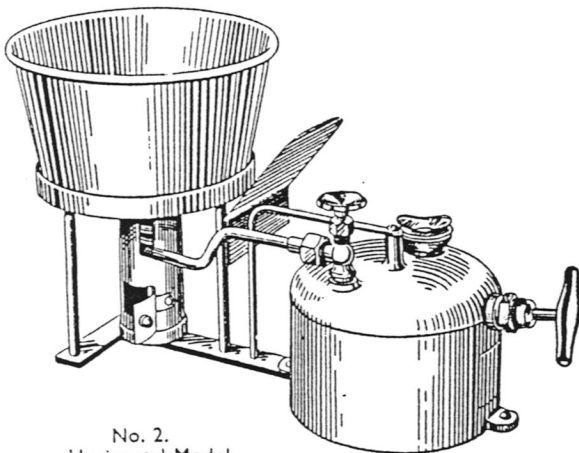
No. 2. Upright Model.

PORTABLE PARAFFIN
FURNACES
(JH 2479)

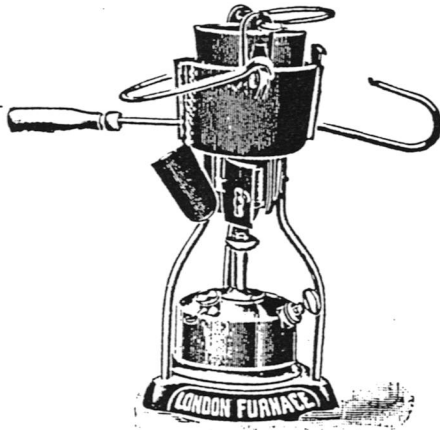
Specially designed for Electric Supply Authorities, Gas and Water Undertakings.
GIVES TREMENDOUS HEAT
Melts 1 cwt. of lead within 15 minutes or a low flame can be employed to slowly melt compound.

- No. 1H. holds 3 pints, takes up to 6" pots. Price £6 19 6
- No. 2H. holds 8 pints, takes up to 10" pots. Price £9 19 6
- No. 3H. holds 8 pints, takes up to 12" pots. Price £11 5 0
- No. 4H. holds 16 pints, takes up to 16" pots. Price £18 12 0
- No. 2U. holds 8 pints, takes up to 10" pots. Price £9 19 6

"H" signifies horizontal.
"U" signifies upright.



No. 2. Horizontal Model.



THE "LONDON" PLUMBERS' FURNACE
(JH 2480)

(Made in Sweden).

Fitted with a Primus Lamp (No. 702) which gives a very powerful flame and can be removed and used for other purposes if desired.
Melts 23 lb. of Plumbers' Metal in 9 minutes, 1" Steam Pipe made red hot in 6 minutes.
Capacity of melting pot ... 23 lb.
Height ... 20½ ins.
Capacity of tank ... 3 pints
Weight with pot ... 24 lb.

Price complete £8 12 0