BLOWLAMP NEWS

No 54

DECEMBER 2005

The Newsletter of the Blowlamp Society - Founded by Les Adams, August 1992

The end of another full year, I seem to have been busier than ever, having attended a few extra rally's, shows and antiques fairs. It has paid off, as I have added several new blowlamps to my collection. I hope you have all had a measure of success and continue to enjoy our fascinating hobby.

We finished the season with a meeting at Toddington, affectionately known as the "Autumn Gathering". Keith Hawkins and I have discussed a meeting in this general area for a couple of years, as it was felt that the location would give members living further north the opportunity to attend, as the Spring meeting in Surrey is a long drive for them. As it was the first year we decided to send out individual invitations, to judge the demand and we ended up with 23 collectors, and with some accompanied by their partners we filled the hall with 32 people, 6 of whom had travelled from France.
There were some good displays of blowlamps, together with a large number of sales and swaps, so I think the day will go down as a rousing success.
One of the highlights was the excellent lunch, prepared by Dick, which drew favourable comments from all and we are hoping to persuade him to give a repeat performance, next year.
Next year the meeting will be open to every member and the same hall has already been booked.

Graham Stubbs has been busy again on our behalf, searching the internet for British Patents relating to blowlamps. So far he has identified 202, all of which he has downloaded to make up a comprehensive document of well over 900 pages. Graham has sent me a copy of everything and it will supply useful bits of information for the Newsletter for years to come.

This issue will see the first of the information with a new feature entitled "From The Patents Office".

Following on from the success of the French and American collections of blowlamps featured in the last two issues, this month sees the British collection. This has proved a little more difficult than the last two, I hope you like what you see.

I would like to continue the feature with German, Swedish and Rest Of The World, so if anyone has any likely candidates for any or all of the categories, please let me know.

NEW MEMBERS

We have recruited 2 new members over the last 3 months, Daniel Knopf from Switzerland and Chris Naylor from Leighton Buzzard, Beds. Welcome to you both, I hope you will enjoy your membership and make a lot of new friends with the same interests.

DIARY DATES FOR 2006

BELGIUM – SATURDAY 11th MARCH

Brigitte and Willy Mouton will again be organising a meeting at ***LOCHRISTI***, which is about a 2 hour run from the channel tunnel and very easy to find. The meeting is now in its third year at the present location which is a first class venue, giving plenty of space for exhibiting blowlamps as well as providing excellent catering facilities.

You will find an invitation, giving details of costs, included in this newsletter. Those of you who have been before are sure to return and for anyone thinking of going for the first time, you will not be disappointed.

SPRING MEETING –SATURDAY 6th MAY

Andy and Vera Feast have agreed to organise the meeting again, to be held at ***THE TRUST CENTRE, COPTHORNE, SURREY***. This was a new venue, last year and it worked very well, being the headquarters of a Historic Vehicle Trust. There are excellent catering facilities on site and if the weather allows, the centre is well worth exploring. For anyone who has not attended one of Andy's meetings, I would highly recommend giving it a try. The opportunity is there to meet other collectors, exchange stories and hopefully acquire some blowlamps for your collection.
Again you will find an invitation, giving details of the meeting, included with this newsletter.

AUTUMN GATHERING –SATURDAY 21st OCTOBER

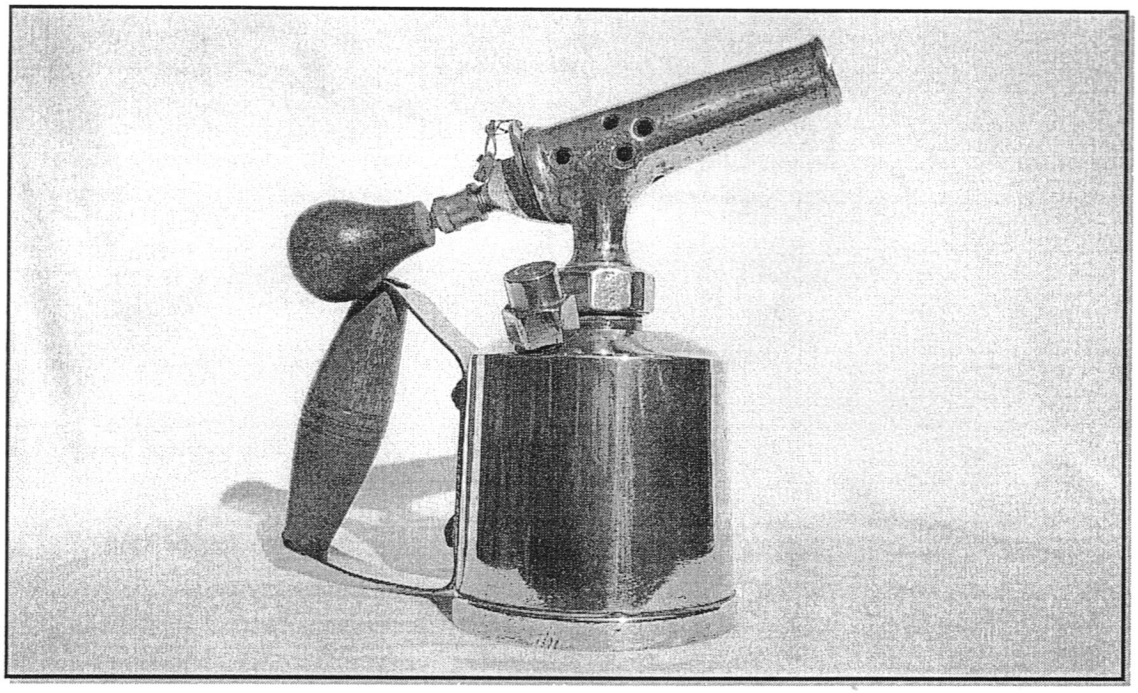
The village hall at ***TODDINGTON*** has been booked and further details and invitations will follow in the June Newsletter.

SUBSCRIPTIONS

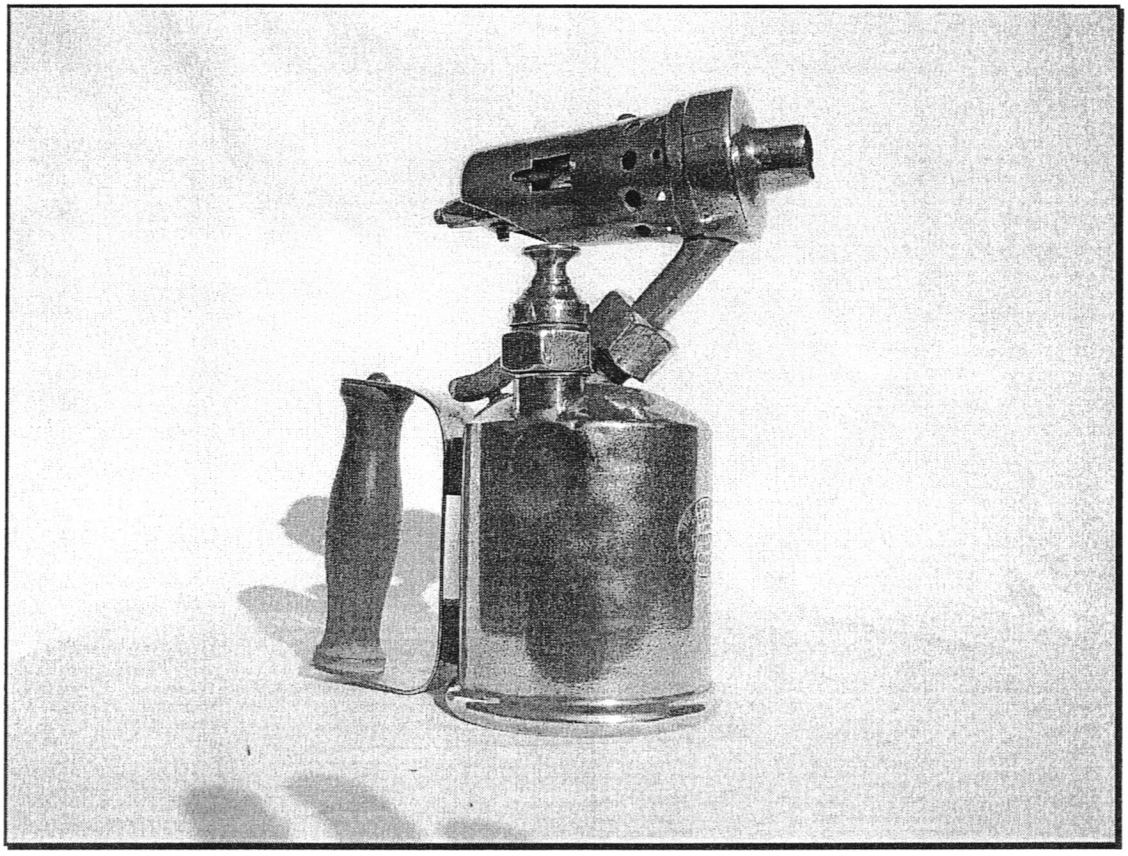
It's that time of year when we have to think if we want to continue with our membership and for those who do, there is a renewal form included with this newsletter. We managed to pay our way again, so subscriptions will remain the same. Can you please make sure you return the forms by the **end of January**, so we know how to plan the forthcoming year.

At the beginning of 2004 we formalised the accounts for the Blowlamp Society by opening a business bank account. This made it much easier to keep track of finances and for those members who like to see how their money is spent, I have prepared a Statement of Accounts for 2004 / 2005, a copy of which you will find with this newsletter.

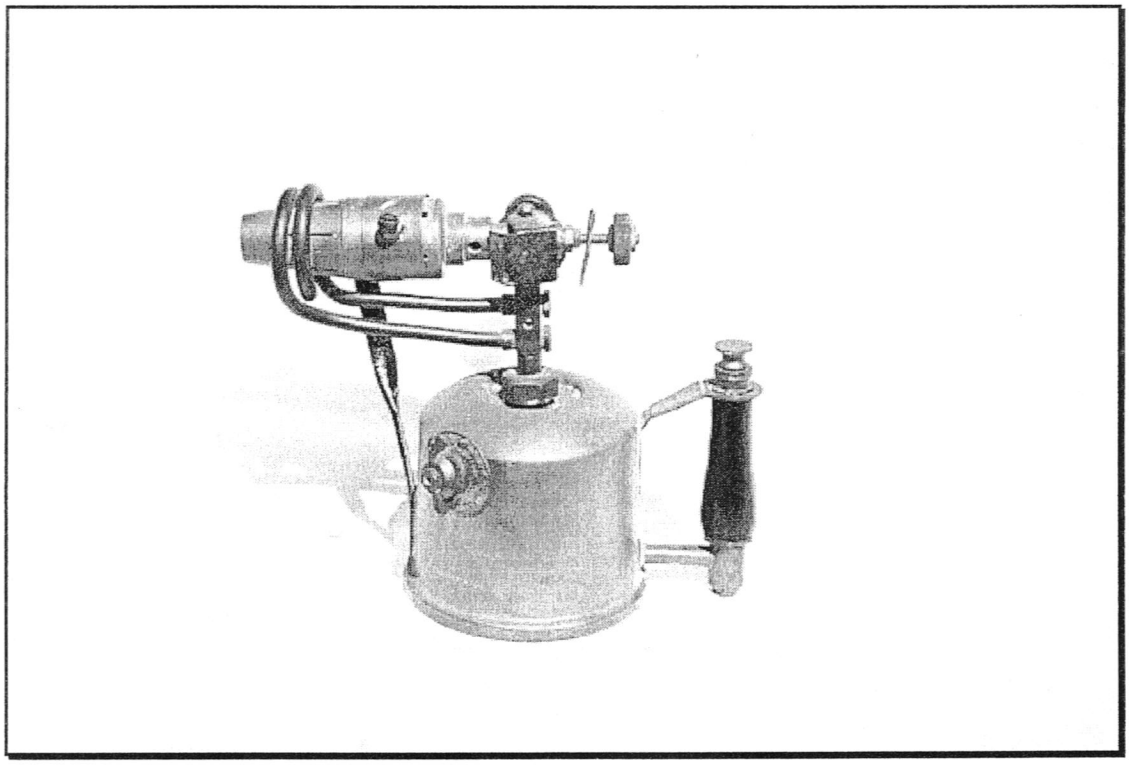
THE BRITISH COLLECTION



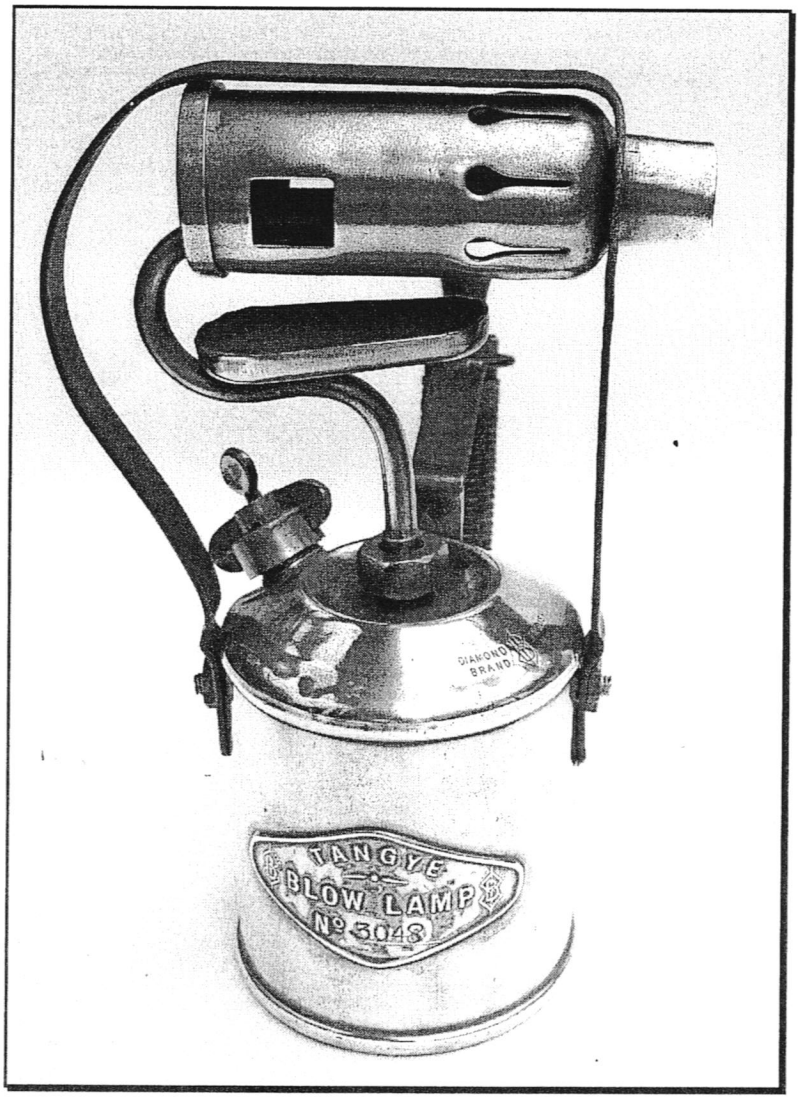
RELIANCE – Owned by Ray Hyland



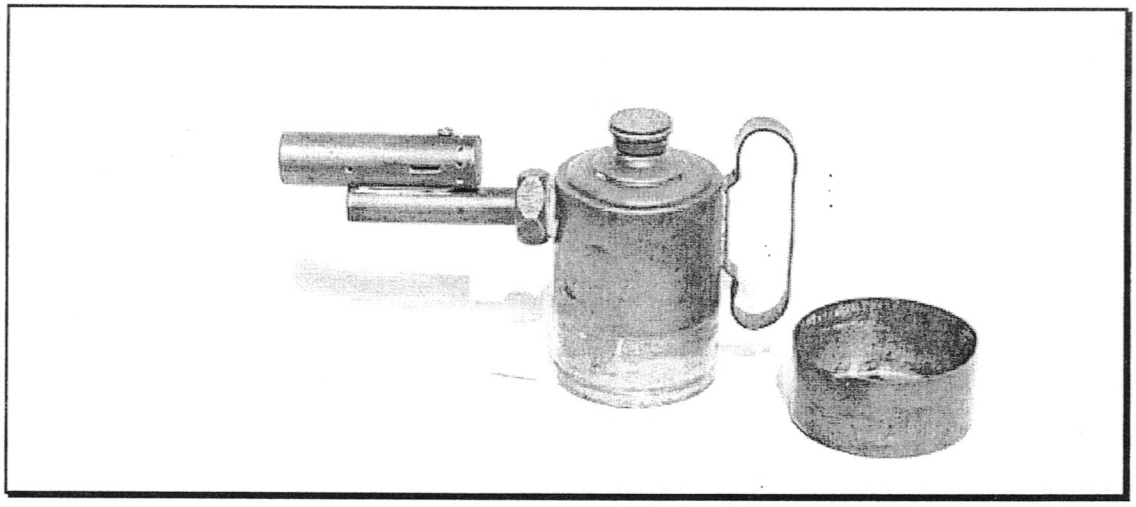
THE GAS LIGHTING IMPROVEMENT COMPANY – Owned by Ray Hyland



EASILIT – Owned by Ted Hewitt



BLADON - TANGYE Engine Lamp – Owned by Paul Whiddett



HOWES & BURLEY – Owned by Ted Hewitt

Continued on Page 12

FROM THE PATENT'S OFFICE

This month sees two early patents, the first for a soldering iron attachment, manufactured by Burridge, in association with a Mr Joseph Adams, Funeral Furnisher. (I was always told that this soldering iron was used for soldering metal coffin linings, and here is the proof)
The second is for a wonderful looking early lamp by a Mr Artidoro Farinetti.

N° 2105 A.D. 1899

Date of Application, 30th Jan., 1899
Complete Specification Left, 13th July, 1899—Accepted, 26th Aug., 1899

PROVISIONAL SPECIFICATION.

An Improved Appliance for Use in Soldering.

We, JOSEPH ADAMS, of 203, Moseley Road, Birmingham, Funeral Furnisher, and GEORGE ALFRED BURRIDGE, of 42, Camp Hill, Birmingham, Mechanic, both in the County of Warwick, do hereby declare the nature of this invention to be as follows:—

This invention is an improved appliance for use in soldering, and consists of the combination of an ordinary blow lamp burning benzoline vapour, and which is sometimes called a burning-off torch, and a soldering iron having the usual copper bit or block; the said iron being applied and fitted to the said blow lamp on the nozzle or termination of the burner tube from which issues the flame, the said application being such as to cause the blow lamp flame to heat and keep at an even temperature the copper bit or block, as aforesaid, and constitute the two parts a rigid appliance which can be conveniently handled for the purpose of soldering.

As an illustration of the carrying of this invention into effect, an ordinary "Sievert" blow lamp or burning-off torch is taken, and to the nozzle or end of the burner tube is rigidly but detachably connected a copper bit or lump, to constitute the soldering iron, which can be played upon by the flame of the lamp when burning; the said bit, in one form, having attached to it an inner tube part or sleeve which fits socketwise over the nozzle end of the burner tube. This tube or sleeve has within it a secondary sleeve which is split or divided, and which is adapted to expand and open and close like two jaws to fit tightly over the nozzle of the burner tube of the blow lamp and grip the same, and also the inner bore of the first-named sleeve, the soldering iron part fitting bodily upon the burner tube, which is generally taper, by being forced thereon, after which it is subsequently held rigid in that position by screw pins or their equivalents taking through ears or lugs upon the soldering iron part and the burner tube of the blow lamp, which effectively prevents any displacement, and yet allows of detachability.

The copper bit or block, as aforesaid, is so formed that the flame can play internally near to its point, and provision is made by splitting the two sleeves, or cutting them away at certain parts, for the products or gases to escape from the end of the burner tube in a rearwardly direction.

If necessary the burner tube can be specially formed for the affixment of the soldering bit, but it is anticipated that existing blow lamps will serve all purposes.

Such a soldering appliance as described is extremely useful owing to its portability, smallness in size, and ease of handling, and is of distinct advantage in the funeral undertaking business for soldering metallic shells of coffins, especially

[*Price* 8*d.*]

having regard to the fact that the lids of the same require to be soldered on at the home of the friends of the departed.

Dated this 28th day of January 1899.

W. P. THOMPSON & Co.,
11, Burlington Chambers, New Street, Birmingham,
Patent Agents for the Applicants.

COMPLETE SPECIFICATION.

An Improved Appliance for Use in Soldering.

We, JOSEPH ADAMS, of 203, Moseley Road, Birmingham, Funeral Furnisher, and GEORGE ALFRED BURRIDGE, of 42, Camp Hill, Birmingham, Mechanic, both in the County of Warwick, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention is an improved appliance for use in soldering characterised by the combination of an ordinary blow lamp or burning-off torch and a soldering iron-like attachment having upon it the usual copper bit or block, the said attachment being applied to the nozzle or termination of the blow lamp's burner tube so that the flame from the said tube heats the copper bit or block and keeps it at an even temperature. The two parts as aforesaid connect and form a rigid appliance capable of being easily handled.

The soldering iron-like attachment preferably comprises two parts; the one a split or divided sleeve for clamping onto the nozzle of the blow lamp, and the other a copper bit or block which is detachably connected to the outer end of the said sleeve; the copper bit in this instance being renewable when worn.

In the sheet of drawings forming part of this specification the invention is practically illustrated by seven views, Fig. 1 being a perspective view of the soldering iron ready for use, Fig. 2 a longitudinal section (through the soldering iron-like attachment fitted to the nozzle of the burner tube) on a larger scale, Fig. 3 a cross section on the line A B, Fig. 2, showing the method of fixing the copper bit to the sleeve, Fig. 4 a cross section on the line C D, Fig. 2, illustrative of the method of clamping the sleeve to the burner tube, Fig. 5 a separate view of the parts of the divided sleeve, Fig. 6 an elevation of the copper bit separate, and Fig. 7 an elevation of another form of bit known as a spade bit.

In these figs. a represents an ordinary "Sievert" blow lamp or burning-off torch, to the nozzle or end of the burner tube a^2 of which is rigidly but detachably connected a sleeve c, formed preferably of two parts c^2 and c^3 as shown in Figs. 2 and 5. The part c^3 at its front c^4 is formed cylindrical and open-ended, to receive a collar d^2 of a copper bit or block d which is to be connected to the said end; a set pin d^3, taking through the walls of the cylindrical end being the means of affixment. The part c^2 of the sleeve c is formed at its inner end with outstanding ears or lugs e, e, and at its outer extremity e^2 into a lip or projection which takes inside the cylindrical end c^4 when the parts c^2, c^3, are connected, the last-named part having upon its inner extremity ears or lugs g, g, similar to the ones e, e, on the part c^2, for set pins g^2 to engage so as to clamp both parts of the sleeve c around the nozzle of the burner tube. The said sleeve is therefore by its construction a split or divided one, capable of detachment from the burner tube a^2 by unscrewing the pins g^2, and of attachment by slipping over the burner tube end and tightening the said pins. The sleeve may however be formed from a solid tube split at its inner extremity and fitted with two lugs

and a set pin for closing it upon the burner tube. An opening *h* or a number of such are formed in the sleeve near the copper bit *d* so that the products from the blow lamp flame may escape after playing upon the said copper bit. The last-named is preferably formed with a solid extension or core e^4 upon which the flame from the lamp first plays, the heat radiating therefrom to the tip of the bit.

The copper bit or block may be formed hollow if needed in order that the flame may impinge upon the said bit close to its tip, suitable provision being made for the escape of the products.

The split or divided sleeve *c* closes upon the burner tube like two jaws pulled together and closed by suitable screw pins.

Such a soldering appliance is extremely useful owing to its portability, smallness in size, and ease of handling, and can in a moment be transformed by the detachment of the soldering iron-like attachment into the ordinary blow lamp to be used for well-known purposes.

Having now particularly described and ascertained the nature of our said invention, and in what manner the same is to be performed, we declare that what we claim is:—

First. A soldering appliance comprising a blow lamp or burning-off torch used by hand and a copper bit or block detachably connected to the burner tube of the said torch, substantially as described.

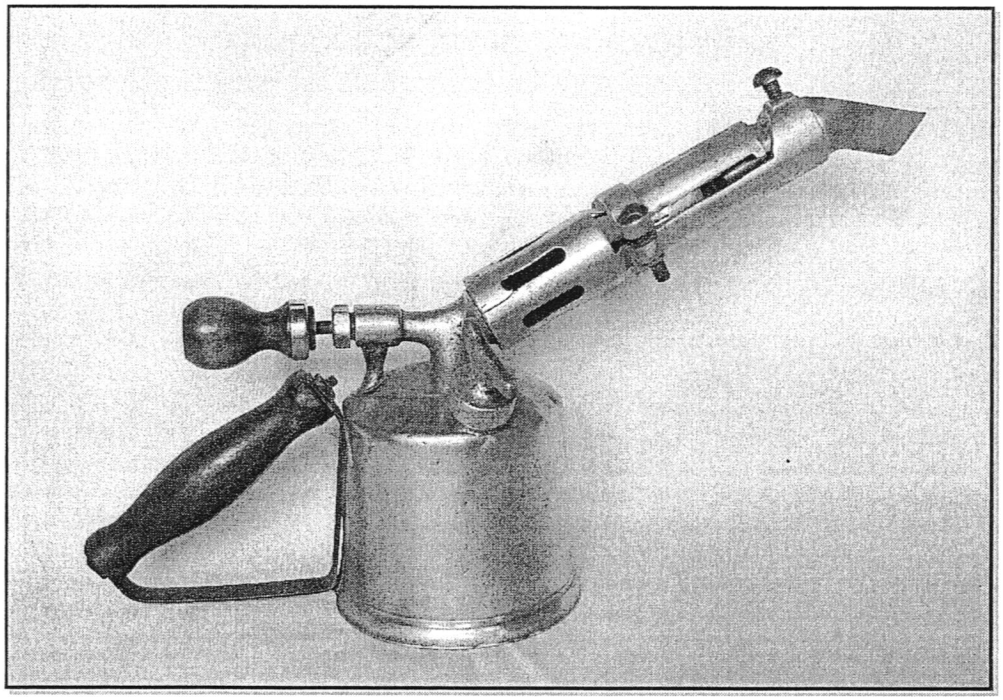
Second. The combination of a hand blow lamp such as *a*, a split or divided sleeve such as *c* attached to the burner tube of said lamp, and a copper bit or block *d* rigidly or detachably connected to the other end of said sleeve, for the purpose substantially as described and set forth.

Third. A soldering appliance comprising the parts *a*, *c*, and *d*, all constructed and fitted in the manner substantially as set forth in Figs. 1 to 6.

Dated this 11th day of July 1899.

W. P. THOMPSON & Co.,
11, Burlington Chambers, New Street, Birmingham,
Also of Liverpool, London and Manchester,
Patent Agents for the Applicants.

Redhill: Printed for Her Majesty's Stationery Office, by Malcomson & Co., Ltd.—1899.



A Burridge Snake Blowlamp with the soldering iron attachment

A.D. 1899. Jan. 30. № 2105.
MS & another's Complete Specification.

Fig. 1.

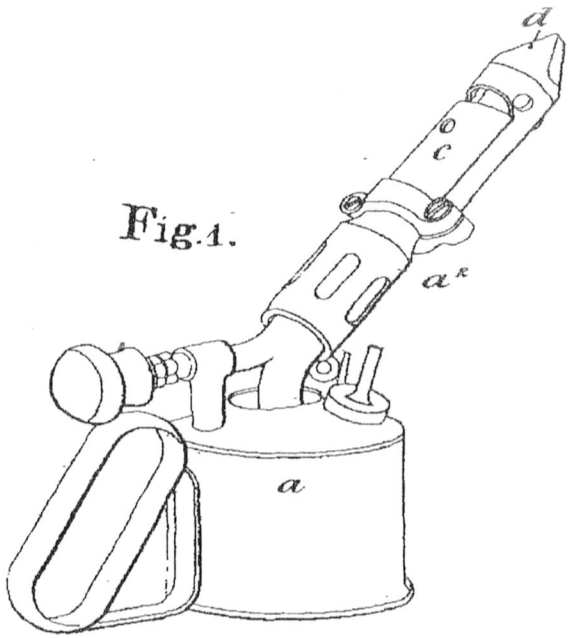


Fig. 2.

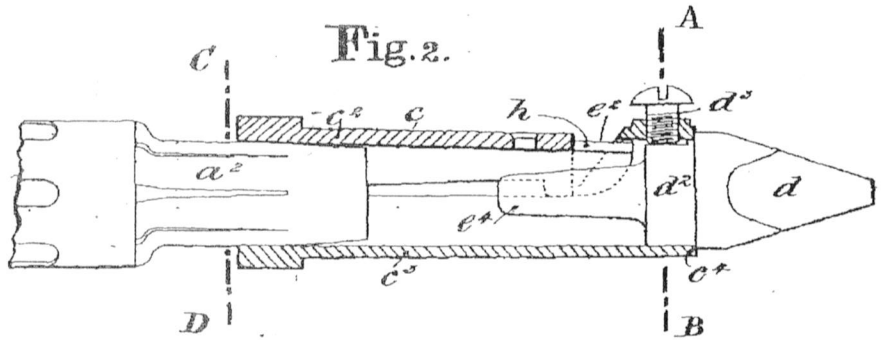


Fig. 4.

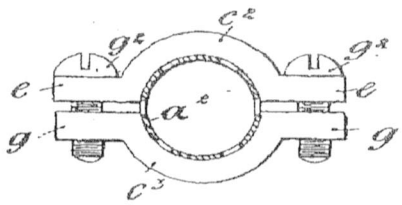


Fig. 3.

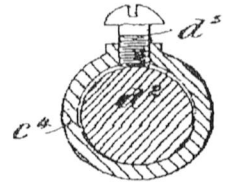


Fig. 5.

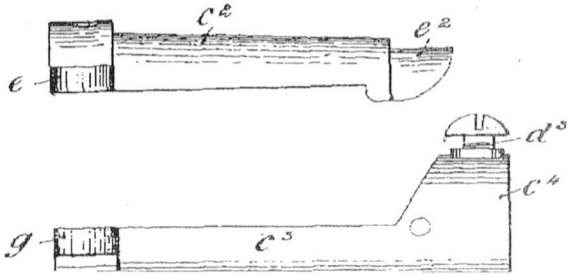


Fig. 7

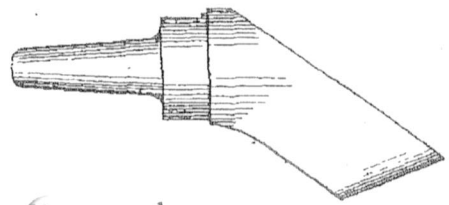
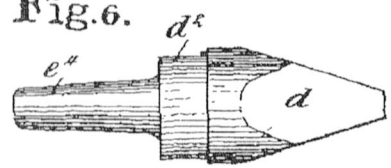


Fig. 6.



N° 23,103 A.D. 1893

Date of Application, 1st Dec., 1893
Complete Specification Left, 16 h June, 1894—Accepted, 21st July, 1894

PROVISIONAL SPECIFICATION.

Improvements in Blow-lamps and Soldering-lamps.

We, ARTIDORO FARINETTI, Civil Engineer, and FERDINAND FRANCIS ERNEST HEYSE, Merchant, both of 15, Seething Lane, in the City of London, do hereby declare the nature of this invention to be as follows :—

This invention relates to lamps used by house painters and others and by workers in metals, and commonly called blow-lamps and soldering-lamps, and it consists in the following construction :—The body of the lamp is composed of two adjoining compartments adapted to receive oil or spirit or some kind of liquid. In the top of the one compartment there is an aperture to hold a wick, and in the other compartment there is a tube which is directed towards the flame of the wick, and a second tube to which an air blowing apparatus is attached, said air-blowing apparatus consisting of a spray-ball operated by hand and adapted to force a current of air through the liquid contained in the second compartment and carry with it the gases of this liquid, blowing a stream of gas and air combined through the flame of the wick, thus producing a long flame of great heat. Suitable arrangements are provided whereby a copper bit can be attached to the apparatus, so that the flame shall impinge upon it and be heated for the purposes of soldering. A handle is attached at one end of the lamp to enable the user to lift it and move it in any direction required.

Dated December 1st 1893.

A. FARINETTI,
F. F. E. HEYSE,
By A. M. & Wm. Clark,
53, Chancery Lane, London, Chartered Patent Agents.

COMPLETE SPECIFICATION.

Improvements in Blow-lamps and Soldering-lamps.

We, ARTIDORO FARINETTI, Civil Engineer, and FERDINAND FRANCIS ERNEST HEYSE, Merchant, both of 15, Seething Lane, in the City of London, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement :—

This invention relates to lamps used by house painters and others and by workers in metals and commonly called blow lamps and soldering lamps.

In carrying out our invention we construct the body of the lamp with two adjoining compartments adapted to receive oil, spirit or other kind of combustible liquid. In the top of the one compartment we provide an aperture to hold a wick, and in the other compartment a tube which is directed towards the flame of the wick and a second tube to which an air blowing apparatus is attached, the said air blowing apparatus consisting of an air or spray ball designed to be operated by hand and adapted to force a current of air through the liquid contained in the second mentioned compartment and carry with it the gases of this liquid so as to blow a stream of gas and air combined onto the flame of the wick.

To enable our invention to be fully understood we will describe how it can be carried into practice by reference to the accompanying drawing, in which :—

Figure 1 is a side elevation of a blow lamp constructed according to our invention.

[*Price 8d.*]

Figure 2 is a sectional elevation ; and,

Figure 3 is a plan of the same.

a is the body of the lamp and *b*, *c* the two compartments into which it is divided for the reception of suitable oil, spirit or other combustible liquid.

In practice we prefer to employ methylated spirit in the compartment *b* and benzoline in the compartment *c*, the said liquids being introduced into their respective compartments through openings closed by screwed caps *d*, *d*. *e* is the aperture in the top of the compartment *b* for the reception of the wick *f* which is supported in a flanged tube *g* and *h* is the tube directed towards the flame of the wick *f* and connected to the compartment *c* the latter being extended vertically at *i* and provided with a horizontal tubular extension *j* into which a collar *k* formed on the tube *h* is screwed, a leather or other washer *l* being interposed between the said collar and the end of the extension *j* to form an air tight joint. *m* is the tube also connected to the compartment *c* to which tube the air blowing apparatus is attached by the tube *n* the said tube *m* extending nearly to the bottom of the compartment *c*. The blowing apparatus advantageously consists of a flexible air ball *o* (adapted to be operated by hand) provided with the usual inlet and outlet valves *p*, *q* and an elastic ball *r* connected to the ball *o* and the tube *n* and serving as an air accumulator, so that a continuous stream of air will issue therefrom notwithstanding the pulsating intermittent supply of air forced therein by the ball *o*. *s* is a net surrounding the ball to limit the expansion thereof in a well known manner. *t* is the handle connected to the body of the lamp by the brackets *u*, *u* and formed concave or hollow as shewn clearly in Figure 2 for the partial reception of the ball *o* so that when gripped by the hand of the user the fingers serve to operate the said ball. *v* is an opening at the top of the handle *t* through which the junction tube between the balls *o* and *r* passes and *w* is a cup or socket at the lower part of the said handle for the reception of the lower open part *x* of the air ball *o*, an opening *x* being provided at the bottom of the said cup to allow air to pass to the opening in the said part *x*. *y* is a screwed cap for screwing into the opening *e* in the top of the compartment *b* to cover the wick when the lamp is not in use.

By the herein-described construction it will be seen that (assuming the wick to be lighted) by operating the air ball *o* a current of air will be forced through the benzoline in the compartment *c* and will carry with it the gas or vapour given off from the said liquid, the said mixture of gas and air being directed onto the flame of the wick *f* by the tube *h* thereby producing a long flame of great heat.

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is :—

1. A blow or soldering lamp provided with two compartments adapted to hold combustible liquid one of which compartments is provided with a wick tube whilst the other is connected to an air blowing apparatus and provided with tubes arranged in such a manner that the operation of the said air blowing apparatus directs a stream of gas and air onto the flame of the wick, substantially as described.

2. The manufacture and use of the improved blow or soldering lamp hereinbefore described and illustrated in the accompanying drawing.

Dated the 16th day of June 1894.

G. F. REDFERN & Co.,
4, South Street, Finsbury, London, Agents for the Applicants.

London : Printed for Her Majesty's Stationery Office, by Darling & Son, Ltd.—1894

Fig. 1

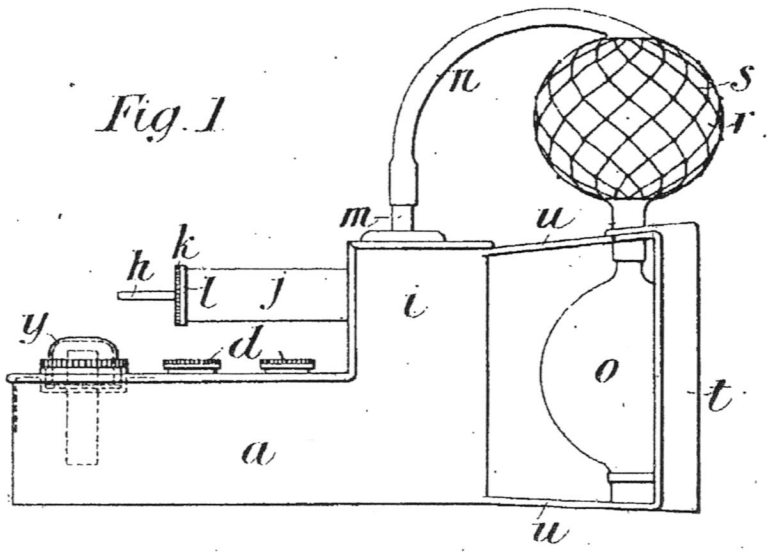


Fig. 2.

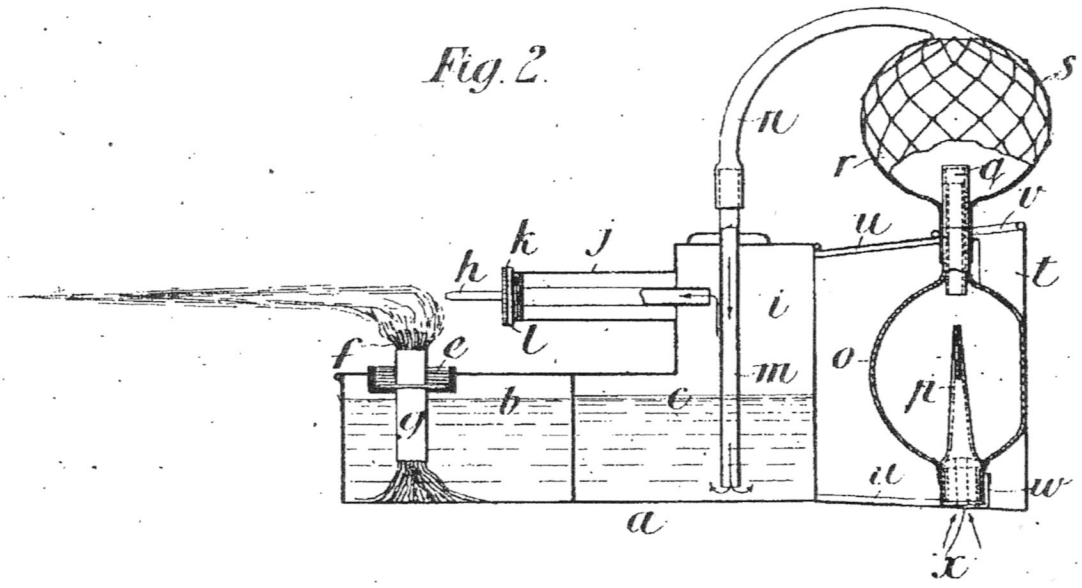
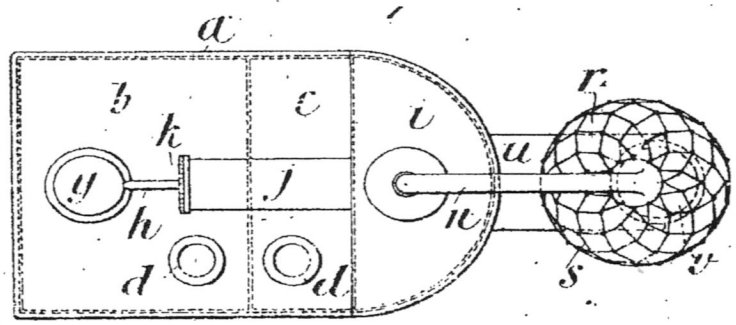
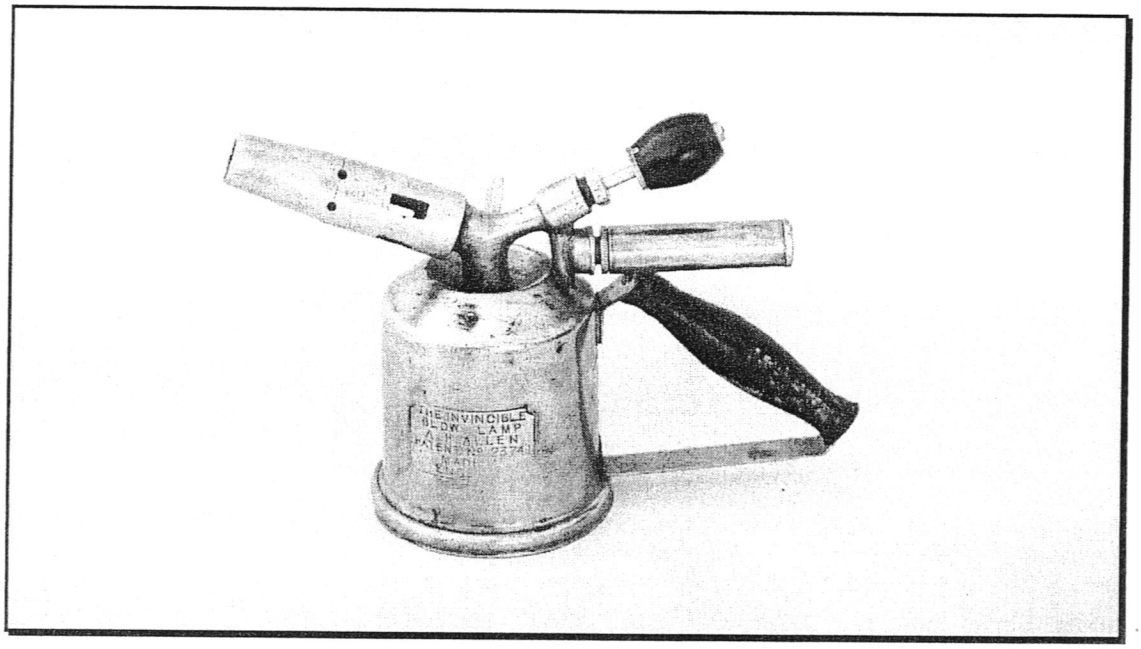


Fig. 3.



[This Drawing is a reproduction of the Original on a reduced scale.]

London.. Printed by Darling and Son Ld.
for Her Majesty's Stationery Office. 1894.
Malby & Sons, Photo-Litho



INVINCIBLE – Owned by Keith Hawkins

OBSERVATIONS

Keith Hawkins has again been looking at various aspects of blowlamp design and has come up with the following observations.

The first two photographs are of a blowlamp noticed while attending the Tractor Rally at Newark. It is a blowlamp for starting an Italian, Landini L25 tractor. As you will note, it is, although a vertical, very different from the normal solid burner type. The tank is as usual; in fact it looks very much like a Barthel Lanz 26 tank, so it is just the burner arrangement that is different. It also appears to have a preheating system, up the right hand pipe, round the square top and then down the left hand side into the burner jet (See photograph No 2) I would suspect that maybe Landini made it themselves, using someone else's tank, hence no visible name on it. There is no valve control knob and I seem to remember Mr Sharman, the tractor's owner, saying it was paraffin fired, hence the curious shaped hole at the base of the cover to accommodate the pricker (See photograph No 1).

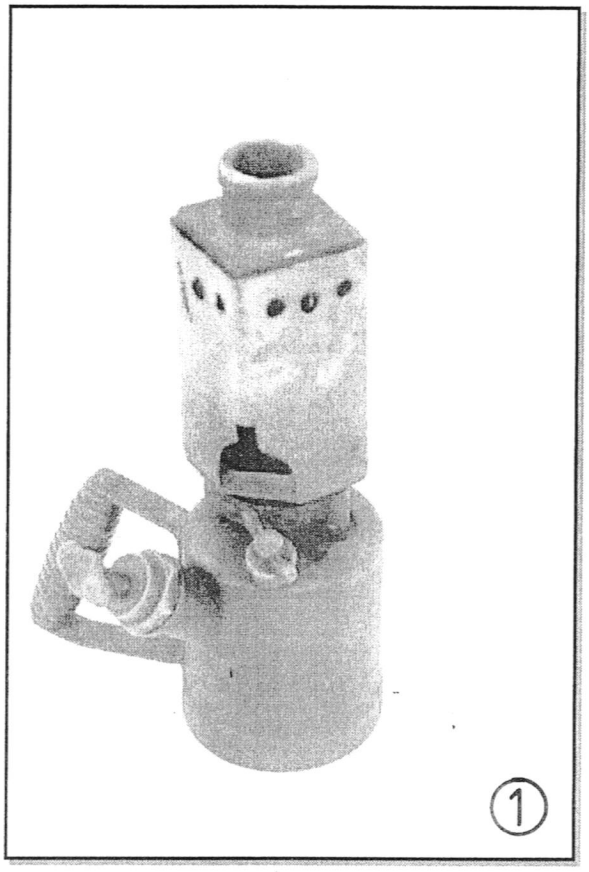
As well as the two photographs, there is an exploded view of the blowlamp with a list of parts.

Photograph No 3 shows the unusual burner of the Columbia blowlamp, found by me at the Enfield auto jumble and now residing in France, as part of the unique collection of Michel Duval.

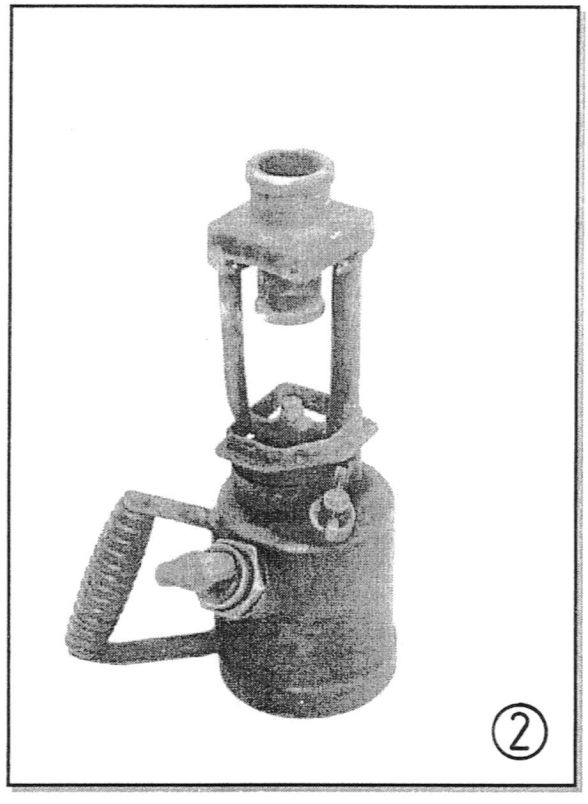
Photograph No 4 shows two versions of the Primus Nautilus No 6 blowlamp, although they appear to be identical, the style of the burner is quite different.

I contacted fellow member, John Cripps, a former Primus employee to try to find out more about these lamps, but he said that they did not feature in any of his catalogues.

(Editors Note: The Nautilus blowlamps were produced as starting lamps for the Petter Handyman stationary engine. Petter's works were known as "The Nautilus Works", hence the name on the blowlamp)

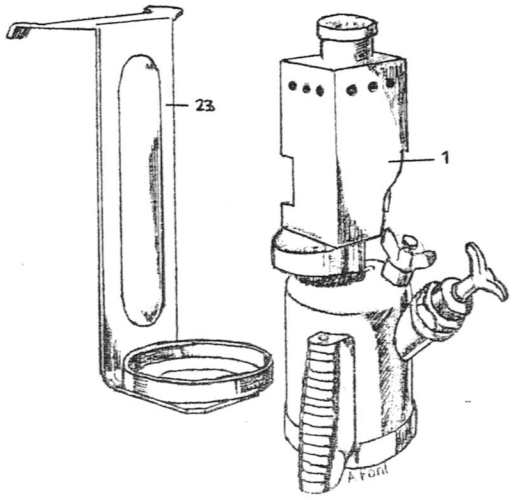


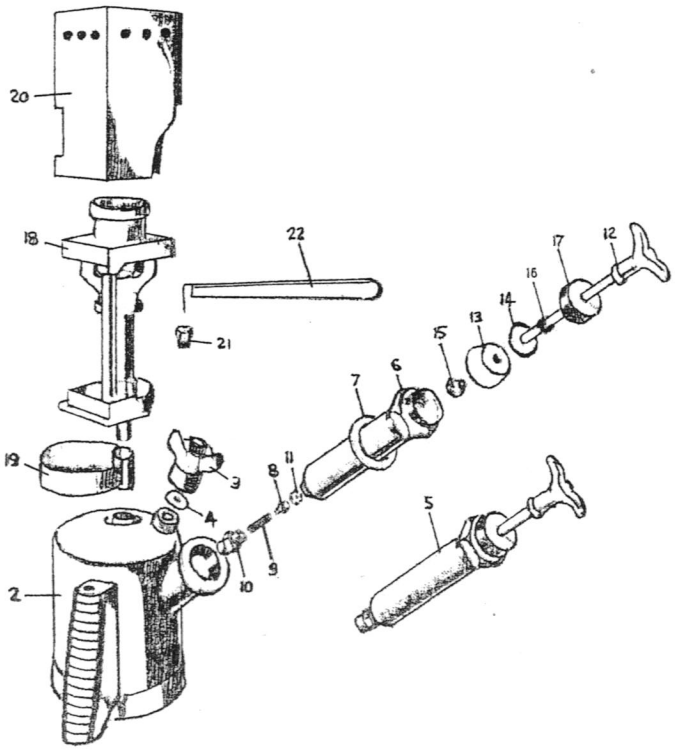
The unusual layout of this blowlamp is quite distinctive, with the square burner and wind shield.
Note the cutout at the base of the wind shield to accommodate the pricker.



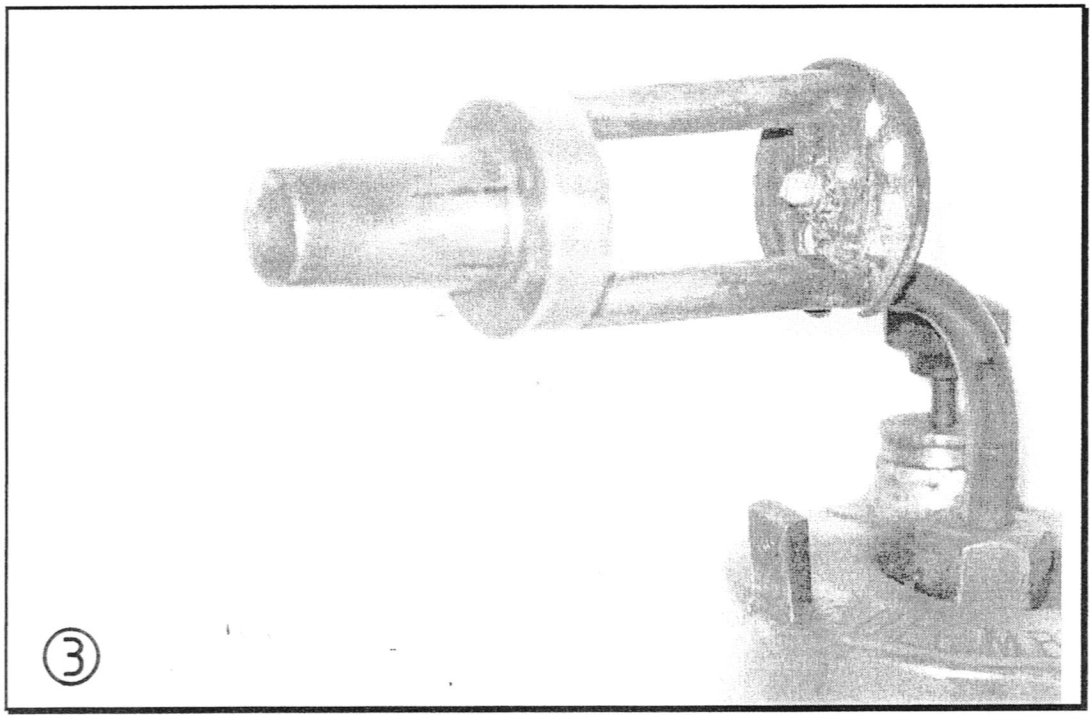
The unusual burner shape can be better seen with the wind shield removed.

Two views of the starting lamp for a **LANDINI L25 TRACTOR.**

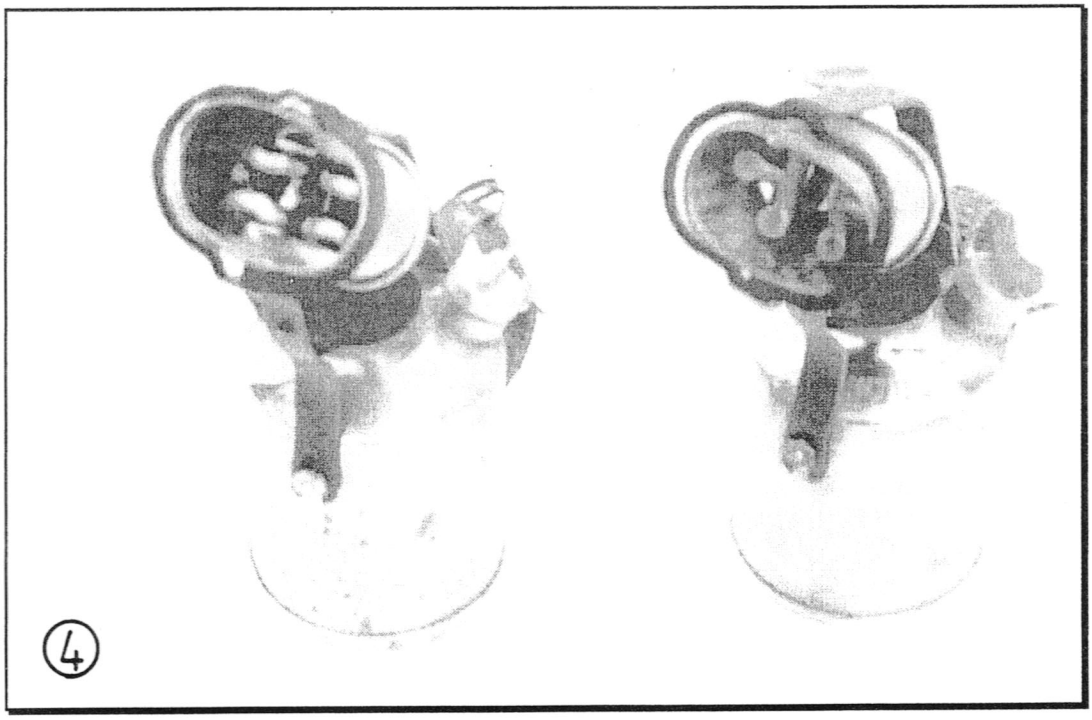




1	Lamp for heating
2	Lamp cistern
3	Stopper, valve exhaust release
4	Gasket washer
5	Pump for lamp
6	Cylinder for pump
7	Gasket washer for cylinder
8	Valve for pump
9	Spring for valve
10	Seat for valve
11	Gasket for seat
12	Pole handle
13	Piston
14	Rose for piston
15	Nut for holding piston rose
16	Spring tongs absorber
17	Heat guide pole
18	Head for lamp
19	Basin
20	Hood cap for paraffin flame
21	Jet
22	Pricker for jet
23	Support for lamp



The burner assembly of the **COLUMBIA** blowlamp



Note the two different burners from the same model **NAUTILUS** blowlamp. These blowlamps were made by Primus for starting the Petter Handyman stationary engine.

Both of the Nautilus blowlamps have the smaller of the trademarks on the tank, consisting of 2 blowlamps, blowing towards each other with a "sun" centralised between the end of the flame and the words "MADE IN SWEDEN" between the tanks. Although the word PRIMUS does not appear over the top of this trademark, it appears that the lamps were manufactured by B.A HJORTH. Underneath the tank there is a circular design with B.A.Hjorth, Stockholm, Made in Sweden and below Sweden, the letter "D", on the left hand lamp and the letter "E" on the other. Was this the dating system before the advent of the circle on the side of the tank with a letter and number in it, if so, the D and E would represent 1914 and 1915. (I also have another lamp with the same pattern underneath the tank and the letter "A", so this would tally up with the dating system as we know it, starting in 1011).

Whilst on the subject of Primus trademarks, the 2 burning blowlamps insignia described above was produced in two sizes, the smaller one being approximately 1 ½ inches long by 1 inch high and the larger being 2 ½ inches long by 1 ½ inches high. So, which one was the earlier and when did the change of size occur?

I have a half pint lamp and two 2 ½ pint lamps, the PETROLIA and the ALFA, which have the larger trademark and no mention of Primus.

Does anybody know the answer as to when the above trademarks appeared?

CLASSIFIED

WANTED – Rudy Dokter has a Lamb No 11 combination torch and soldering iron, with the soldering iron missing. If anyone can help, Rudy can be contacted by email – dokter@bigpond.com.au For those members without email, please contact the Editor.

FOR SALE – Keith Hawkins still has a few Blowlamp Society lapel badges at £2-00 each. These will never be repeated, so if you want one contact Keith on 01525 290122.

FOR SALE – Back issues if Blowlamp News are available, just for the cost of copying and postage, so if you have any gaps, contact the Editor.

WANTED – URGENTLY WANTED - LITERATURE ON ALL MAKES OF BLOWLAMP, MUST BE IN ENGLISH. THIS IS TOWARDS THE PRODUCTION OF "THE BLOWLAMP SOCIETY HANDBOOK" – DUE FOR PUBLICATION DECEMBER 2006. CONTACT THE EDITOR. (It can only happen with your help)

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Finally I would like to wish you all

A VERY MERRY CHRISTMAS AND A HAPPY NEW YEAR

Blowlamp News is published in March, June, September and December. Any items for inclusion in the next issue should be with the Editor at least 4 weeks before the issue date.

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