

BLOWLAMP NEWS

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The Newsletter of the Blowlamp Society - Editor Graham Stubbs - blowlampsociety@gmail.com

www.blowlampsociety.com



PAQUELIN

**LAMPE À SOUDER AVEC FLAMME DROITE ET À RÉGULATEUR
(BLOWLAMP WITH STRAIGHT FLAME AND CONTROL VALVE)**

Photo: Collection of Charles Smith

**PAQUELIN
MUSEUMS
SUBSCRIPTION RENEWAL** (center pages)

**EOLIPYLES: PART THREE
A VIEW FROM A SPOUSE
BLOWLAMP SOCIETY ROSTER**

A VIEW FROM A SPOUSE

By Carolyn Rhodes

My husband's hoarded blowlamps for at least three decades now,
I don't know how we did it, but we crammed them in somehow.

But then I got to thinking that the space was getting thin,
So I filled 'em up with flowers every time he brought one in.

This didn't sit that well with him so, just as I had planned,
They're now kept in the garage, and out there he can expand.

We still have one or two of the "better" lamps inside,
The ones he likes to call the best, his trophies and his pride.

But, as with most collectors, one thing is not enough,
And very soon he's on the hunt for lots of other stuff.

*"These aren't the things that would store well if they were kept outdoors,
I'll take a room to keep them in, as these are mine and yours."*

I do not mind his interests in industry and the past,
These were the days when goods were made to keep and things would last.

Not like today, the "throw away" society we're in,
The older things were made with care, a craftsman had great skill.

So all-in-all I guess I can't complain too much about him,
He sees the skill, the time and thought and beauty in most items.

If age, patina, rust and wear is good to the beholder,
Then I'm in luck coz, like the rest, I too am getting older.

PAQUELIN

With contributions from Michel Duval

Claude-André PAQUELIN was born on 30th December 1836 in Avignon (South of France) and he died on 1st May 1905 in Paris. He was a renowned French pharmacist and doctor who lived and worked in Paris. Also, he was a great researcher in surgery and he was the inventor of the thermocautery in 1875. He also invented his "Eolipyle, in two different sizes, both with a curved or vertical "chimney" burner, and either with or without a regulator. Additionally, his "Eolipyle" could be transformed into a soldering iron. Later, there was a more classical blowlamp with the usual burner.



In 1884, Paquelin was granted French patent 176,243 for a blowlamp invention that was marketed worldwide. Corresponding patents were granted in Germany, Great Britain, Switzerland and America. A fuel tank *a* surrounds an air inlet *b* across which is suspended a (removable) jet orifice *d* (photo of original French-made version at right). Vapor from the fuel enters the jet through tubes *e*, and the resulting flame exits through the curved tube *h*. The lamp is started by lighting spirits in the annular groove *n*; once lit, heat from the flame creates pressure in the space above the fuel, forcing vapor into the jet.



JET

DR. MED. CLAUDE ANDRÉ PAQUELIN IN PARIS.
Flammenstrahl-Lampe.

FIG. 1

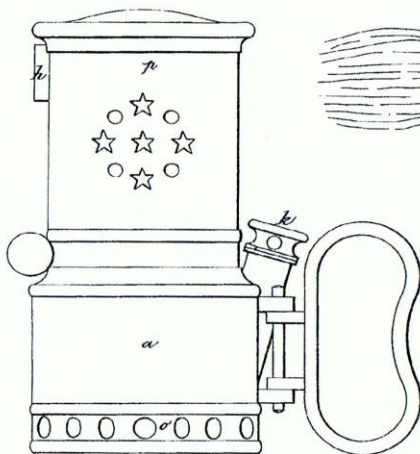


FIG. 2

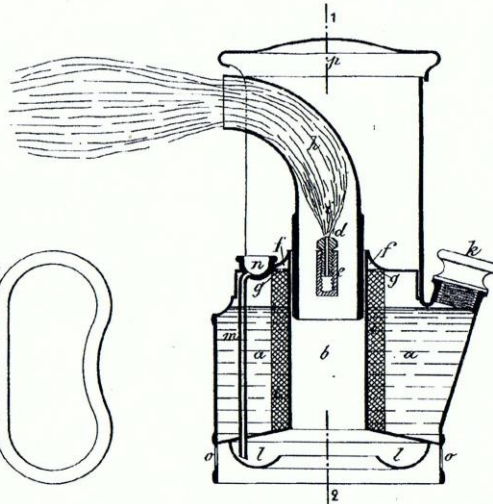
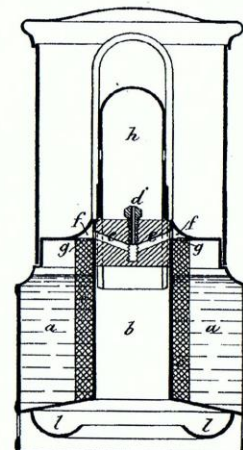


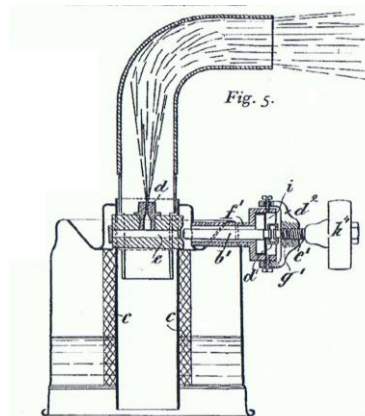
FIG. 3



N^o 38194.

The patent illustration differs from the Paquelin blowlamps actually manufactured, which use a second curved tube surrounding the burner tube, rather than the cylindrical outer cover as shown in the patent.

In 1890 Claude-André Paquelin was awarded French patent 208,047 for a control valve, mounted to the side of the lamp. The photograph to the right shows the actual implementation of this "Regulateur"




(Photo: Charles Smith)

Paquelin was not a manufacturer or an industrialist; he was just a brilliant doctor and inventor. The manufacturer of the French Paquelin "Eolipyles" and blowlamps was "GILLET & FOREST" in Paris from about 1893 to 1906. Then from 1906 onward, the manufacturer was "G. FOREST & Cie" in Paris.

APPAREILS PAQUELIN, SYSTÈME ÉOLIPYLE
 A ESSENCE MINÉRALE
 (AVEC LEURS DERNIERS PERFECTIONNEMENTS)
Brevetés en France S. G. D. G. et à l'Étranger

ÉOLIPYLE SANS RÉGULATEUR



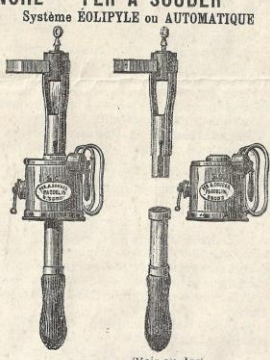
1

ÉOLIPYLE A RÉGULATEUR ÉTANCHE



2

FER A SOUDER
 Système ÉOLIPYLE ou AUTOMATIQUE



(Voir au dos)

RÉCOMPENSES
 MÉDAILLE D'OR
 BRUXELLES 1888
 PREMIÈRE RÉCOMPENSE
 A L'ACADÉMIE DES SCIENCES
 (FONDATION MOYTISSON)
 Concours des Arts industriels 1888
 PREMIÈRE RÉCOMPENSE
 A LA SOCIÉTÉ D'ENCOURAGEMENT DE PARIS
 MÉDAILLE D'ARGENT
 Concours de 1888

FERME OUVERT
 DEUXIÈME RÉCOMPENSE
 A L'ACADÉMIE DES SCIENCES
 (FONDATION SECURITE)
 Concours des arts industriels 1892
 pour perfectionnements
 DEUXIÈME RÉCOMPENSE
 A LA SOCIÉTÉ D'ENCOURAGEMENT
 Concours de 1892
 Prix pour l'invention de procédés nouveaux
 permettant d'utiliser le pétrole
 avantageusement et sans danger

APPAREIL AUTOMATIQUE S'ACTIVANT A L'AIDE DE SA PROPRE CHALEUR
 Température de 1.250 degrés au minimum

Note the FER À SOUDER at the right in the advertisement, in which accessory parts are added above and below the fuel tank to create a self-heated soldering iron.


Stamped on many of the Paquelin lamps is "Monopole cédé pour l'Angleterre à MM Crowden & Garrod de Londres" meaning "Monopoly transferred to Messrs Crowden & Garrod in London".

CROWDEN & GARROD, Ltd., are Sole Proprietors of the English Patents of the "Papillon" & "Paquelin" Paint Removing and Soldering Lamps, and will take action against anyone infringing these Patents.

THE PATENT PERFECTED

"PAQUELIN" LAMP.

For Paint Removing, Soldering, and all Plumbers' Work.



The Latest Improvements
 render this Lamp
 Absolutely PERFECT.

It is easily extinguished by blowing through hole at the bottom, and instantly re-lit if blown out.


No. 1 Gives 1,800 degrees of heat. Weighs 23 oz. only.

Plain.		With Regulator.	
No. 1.	No. 2.	No. 1R.	No. 2R.
Burns 1 Hour.	Burns 2 Hours.		
10/6	13/-	12/6	15/-

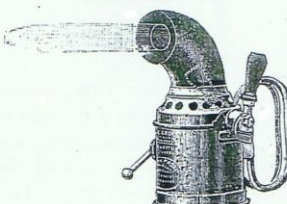
EXTRA FITTINGS.

Nipples, 4/- per doz.

Chimneys, 24/- per doz.



Oil Fillers, fitted with Strainer, to prevent any dirty sediment entering and choking the Lamp, No. 1, 8/- per doz.



64,000 "PAQUELINS" SOLD SINCE 1888.

Both advertisements, French and English, illustrate an early version of the Paquelin lamp with holes surrounding the bottom flange.



PAQUELIN No.1 LAMP
 (Early version with holes in the
 bottom flange)
 Photo from Charles Smith



PAQUELIN No.1 LAMP,
 (Shown with outer tube removed.
 Early version with holes in the bottom flange)
 Photo from Charles Smith

By the late 1880s the design was improved and the holes in the bottom flange were eliminated. Short feet on the underside of the lamp allowed the necessary air flow. Many of these later Paquelin lamps are stamped "WITH 1896 (or 1897) IMPROVEMENTS"

APPAREILS A ESSENCE MINÉR

Tarif des Éolipyles Paquelin

BREVETÉS EN FRANCE S. G. D. G. & A L'ETRANGER

ÉOLIPIYLE SANS RÉGULATEUR	ÉOLIPIYLE AVEC RÉGULATEUR	ÉOLIPIYLE AVEC RÉGULATEUR
Lampe n° 1 . . . 10 fr. »	Lampe n° 1 . . . 12 fr. 50	à flamme droite . . . 12 fr. »
— n° 2 . . . 11 fr. 50	— n° 2 . . . 14 fr. »	

Se font avec cheminée droite sans changement de prix.

Tarif du Fer à Souder

Système ÉOLIPIYLE ou AUTOMATIQUE

Fer à souder complet (c'est-à-dire : Lampe n° 1 à régulateur avec casque et cheminée, le manche et le fer à souder)	20 fr.
Fer à souder seul , c'est-à-dire : Les mêmes pièces que ci-dessus, moins le casque et la cheminée	17 fr.

L'emballage et le port, sont comptés en plus sur tous les articles



**PAQUELIN SELF-HEATED
 SOLDERING IRON
 LATER VERSION**
 Photo Michel Duval

Additionally, blowlamp using a more conventional burner was advertised as:
LAMPE À SOUDER AVEC FLAMME DROITE ET À RÉGULATEUR
 (BLOWLAMP WITH STRAIGHT FLAME AND CONTROL VALVE)



PAQUELIN No.1 LAMP LATER VERSION
(Without holes in bottom flange)
Photo from Charles Smith



PAQUELIN No.1 LAMP LATER VERSION
(Without holes in bottom flange)
Photo from Charles Smith



PAQUELIN No.1 LATER VERSION
(With flame, before cleaning)
Photo Ted Rawson



PAQUELIN No.1 LATER VERSION
(After cleaning)
Photo Ted Rawson



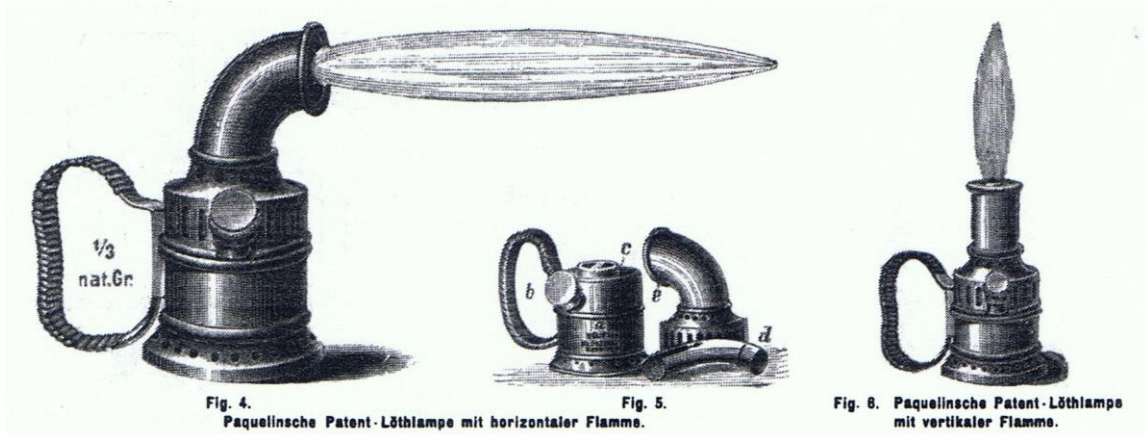
PAQUELIN No.1 LATER VERSION
"STRAIGHT FLAME"
Photo Charles Smith



PAQUELIN No.2 LATER VERSION
VERTICAL BURNER
Photo www.lampeasouder.fr

C. GOERG & Co. BERLIN

In 1891, the illustrations below appeared in two scientific newsletters in Berlin. The text refers to the firm of C.Goerg & Co. The description is of a "safety" blowlamp based on the patent of Dr. Paquelin. Three versions of the lamp are shown, one with a horizontal flame, two with a vertical burner. The one shown at right in the illustration attached a vertical burner tube to the Paquelin base. It appears that Goerg licensed the Paquelin patent and designed implementations for local manufacture.



A shorter lamp was intended to be used as a substitute for a laboratory Bunsen burner or heater.

At far right is a small box, with the same illustrations of lamps, possibly for accessories such a spare jets. The outer burner tube of the lamp in the photo below is embossed "C.GOERG & CO." on one side and "PATENT PAQUELIN" on the other. The principle of operation is the same as the French Paquelin lamps, but the German implementation is different in detail.



C.GOERG & CO BERLIN
PAQUELIN PATENT LAMP circa 1891
Photo Graham Stubbs



This advertisement by C.GEORG & CO refers to prizes awarded at exhibitions in the year 1895. This German version of the Paquelin Patent blowlamp is thus later than that pictured in the 1891 newsletters.

This later lamp is equipped with a control valve, the French "regulateur". Also included in the advertisement is the option of a vertical burner tube. The advertisement additionally prices a larger model capable of burning for two hours on one tank of fuel

See the photos below from actual examples of this later Goerg Paquelin lamp..

The lamp shown in the photograph below left is stamped "EOLIPYLE Dr. PAQUELIN" A very similar lamp recently appeared on eBay with the additional marking "D.R.P.(Deutsches Reichs Patent) No.38194", the German patent corresponding to Paquelin's first French patent for a blowlamp.

Fernsprecher: Amt III, No. 866. **C. GOERG & CO.** Fernsprecher: Amt III, No. 866.
 BERLIN C., Neue Friedrichstr. 47.

Eolipyle-System.



Benzin-Lothlampe
 System Dr. Paquelin
 mit regulirbarer Stichflamme.

Absolute Sicherheit gegen Explosionsgefahr.
 Geringste Hitze in freier Luft über 1200° Celsius.
50% Ersparniss gegen Spiritus!
 In jeder Lage zu benutzen
 auch zum Hartlöthen kleinerer Gegenstände.
 Aeusserst praktisch
 zum Löthen von Bandsägen.
 Sehr empfehlenswerth zum Aufthauen von
 Gas- und Wasserleitungsröhren.

Unentbehrlich für Klempner, Kupferschmiede, Metallwaarenfabrikanten, Mechaniker, Schlosser, Rohrleger, Elektrotechniker etc. etc. Zweckmässig für Laboratorien und Versuchsstationen als Ersatz der Bunsenbrenner, zum Härten, Tempern und Ausglühen kleinerer Stahlwerkzeuge, zur Anwärmung der Sattelmuscheln etc. Sie ermöglicht die Herstellung sauberster Lötstellen an Telegraphen- und Telephondrähten. Maler und Lackirer finden in der Lampe ein wirklich brauchbares Werkzeug zum schnellen und rasselosen Abbrennen von Lack und Farben auf grösseren Flächen.

Die Lampe ist in vielen Königlichen Eisenbahn-Werkstätten im Gebrauch.
 ——— *Gebrauchsanleitung zu jedem Apparat.* ———

Preis-Verzeichniss.

Fiammenstrahl-Lampe mit gebogenem oder geradem Rohr	Mk. 12,—
(anechtelich Dose mit Schraubenschlüssel und Reinigungsadeln)	
Fiammenstrahl-Lampe do. mit 2stündiger Brenndauer (grössere Form)	14,—
Praktischer Blechkasten zum Tragen	1,—
Benzinkanne zum Einfüllen	1,—

Ersatztheile.

Brennröhr „d“ (gerade oder gebogen)	1.50
Aussenröhr „e“	1.50
Brenner mit Drahteinlage	0.50
Drahteinlagen, je zwei Stück	0.15

Bei Bestellung von Ersatz-Brennröhren oder Aussenröhren wolle man stets angeben, ob diese Theile zu Lampen mit oder ohne Regulirvorrichtung benutzt werden sollen.

Prämiirt auf den Fachausstellungen Chemnitz 1891, Leipzig 1895, Ulm 1895.

**C.GOERG & CO BERLIN
 ADVERTISEMENT FOR
 PAQUELIN PATENT LAMPS**



**C.GOERG & CO BERLIN
 PAQUELIN PATENT LAMP
 German Patent 38194
 (Photo eBay)**

**C.GOERG & CO BERLIN
 PAQUELIN PATENT LAMP After 1895
 Photo Charles Smith**

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Thank you all for your continued support

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KW Bratley	Butterwell Farm, Patrick Brompton, BEDALE, North Yorkshire. DL8 1LN	01677 450349	
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John Clarke	Ashgrove, Canberra Crescent, MANBY, Lincs. LN11 8TU	01507 327145	
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BLOWLAMP SOCIETY ROSTER DECEMBER 2017 Page 2

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The second page of the C.GEORG & CO advertisement for Paquelin-Patent lamps, describes this self-heated soldering iron. The design differs from that shown in the French advertisements, in which a soldering copper and handle were attached to the body of a Paquelin blowlamp. It appears that the German company again created a local design based on the Paquelin patents.

Benzin-Löthkolben

System Dr. Paquelin.

Eolipyle-System
für Benzin und Ligroin.



Zuverlässigstes Werkzeug für leichte und schwere Lötharbeiten.

Gefahrlose Handhabung.

Erzielung sauberster * Löthstellen. *

Mit regulirbarer Stichflamme.

Geringste Hitze in freier Luft über 1200° Celsius.

In jeder Stellung sowohl als Hammer- wie als Spitzkolben **zu gebrauchen.**

Bedeutende Ersparniss gegen Holzkohlenfeuerung.

Für Arbeiten ausserhalb der Werkstätte und im Freien wird das lästige Mitnehmen der Löthöfen überflüssig.

Gebrauchsbereich für Klemmner, Kupferschmiede, Telegraphenarbeiter, Schlosser, Rohrleger, Elektrotechniker, Mechaniker sowie Metallarbeiter jeder Art.

Auch als Löth- und Aufthaulampe verwendbar.

— Gebrauchsanleitung zu jedem Apparat. —

PREISE.

Löthkolben (einschliesslich Standbecher, sowie Dose mit Schraubenschlüssel und Reinigungsnadeln)	Mk. 15.—
Benzinkanne zum Einfüllen	" 1.—
Ersatztheile.	
Brennrohr „d“	" 1.50.
Brenner mit Drahteinlage	" 0.50.
Drahteinlagen, je zwei Stück	" 0.15.

Prämirt auf den Fachausstellungen Chemnitz 1891, Leipzig 1895, Ulm 1895.

**C.GOERG & CO BERLIN
ADVERTISEMENT FOR PAQUELIN PATENT LAMPS
After 1895**



**C.GOERG & CO BERLIN
PAQUELIN PATENT SELF-HEATED SOLDERING IRON After 1895
Photo John Tingle**

EOLIPYLES PART THREE
Ash, Bauer, Becker, and Conte

By Charles Smith

NOTE: This is the third article in a series of contributions about three-piece Eolipyles. Beginning with this article, the known makers or sellers of Eolipyles will be listed and discussed alphabetically. For earlier “background” information, please refer to the last few Society Newsletters.

Claudius Ash, London (unmarked)
No cutout pattern

The only marking on this small Eolipyle is the number “1”, its size, stamped into the front of the stand just above the front opening. The stand is about 68 mm in diameter and is about 135 mm in height. Its stand is made of thin sheet iron with both the alcohol lamp and fuel chamber are made of copper (Figs. 1-2).



The Eolipyle is unusual in several aspects. First, the iron stand lacks a cutout pattern suggesting that it may be of an early design. Second, the semi-circular fuel chamber is smooth and unornamented, unlike the great majority of other Eolipyle tanks. Almost all other fuel chambers have a low profile and somewhat flattened upper surface which is “ribbed” or contains concentric ridges. Both of these “later” features, a low profile and “ribbed” fuel chamber would, I believe, allow for greater internal pressure prior to rupture.

Although this Eolipyle is unmarked, I believe it shares the same unusual characteristics as the “SPIRIT APPARATUS” shown on page 362 in a Claudius Ash & Sons dental tool catalog published in London and dated 1886 (Fig. 3).

The fact that the cover page of the catalog states “MANUFACTURED, IMPORTED, AND SOLD BY” Claudius Ash, this Eolipyle may have been manufactured by Alfred Breuzin, or another early manufacturer, and perhaps supplied to Ash (maybe others) for sale. I just don’t know. For the present, however, its identity will be referred to as a Claudius Ash Eolipyle.

SPIRIT APPARATUS.

Consisting of short iron stand, with handles, and a copper spirit-lamp and vessel with pipe, for warming up pieces, for annealing, and for soldering plates, &c. The heat from the lamp below vaporises the spirit in the upper vessel, and causes it to rush out of the small pipe, and become ignited by the flame of the lamp—5½ inches high.



Price s. d.
 each 6 6

**Carl Bauer, Munich (unmarked)
Circle-Hearts Cutout Pattern**

This little Eolipyle is known to have only a sheet-iron stand with iron handles. The three examples in my collection measure 62 mm and 80 mm in diameter by 130 and 150 mm in height. Each has a lower alcohol lamp and upper fuel chamber made of copper. The cutout pattern on the sides of the stand consists of a small central circle only 2 mm in diameter surrounded by six equally spaced hearts (Fig. 4). Interestingly, the size of the cutout is the same on both the smaller and larger Eolipyle.

When the larger Eolipyle was acquired, it came with a small brass filling cup (Figs. 5-6). The cup is about 46 mm in internal diameter with an internal height of about 35 mm. Its liquid capacity, then, is approximately 58 cm³.

The approximate volume of the fuel tank, 64 mm in diameter by 36 mm in height, is about 116 cm³. So the cup holds about one-half the capacity of the tank, a volume recommended by most instructions for use. This allows for ample space in the tank for the vaporized and pressurized alcohol which eventually is forcefully emitted out the tip of the burner tube and out the front opening in the stand. As can be seen in Figure 6, the cup fits snugly atop the lower lamp. And when the two are inserted into the base of the stand, the burner tube prevents the cup from being separated from the Eolipyle.

The front "lip" around the base of the alcohol lamp, the area just adjacent to the circular brass "pull", is marked with a doubled imprint of "WOLF Z-M" (Fig. 7). The meaning of this mark is unknown, but might represent the selling agent of this Eolipyle. Although the Eolipyle is otherwise unmarked, catalog records identify this Eolipyle with the circle-hearts cutout pattern as having been marketed by Carl Bauer, a large tool retailing company located in Munich (see Fig. 8, taken from page 71 in the French Recueil Volume No. 6).

Although we cannot be certain of its manufacturer, I will use the name "Carl Bauer" until we can establish its maker. Despite the fact that the Bauer publicity is dated 1909, the general characteristics of the Eolipyle suggest that it was manufactured much earlier, perhaps as early as the middle to late 1880's. We certainly need additional records.



Fig.4



Fig.5



Fig.6



Fig.7

2030	2031	2032
Lötlampe für Spiritus, selbstblasend mit Kupferkessel Nr. 1 2 3 4		
Stück M 3.- 3.30 3.85 4.40		
2031	Siegel- und Einkittlampe für Spiritus, mit Stichflamme, Messing poliert . . . M 2.50	
2032	do. Taschenform, aus vernickeltem Eisenblech M 1.10	

Diese Spirituslampen besitzen den Vorteil, daß der Siegelack direkt auf den zu siegelnden Gegenstand heruntertropft und durch die Spiritusstichflamme nicht erst verrußt, wie es bei einem Kerzenlicht der Fall ist. Zum Einkitten kleiner Goldwaren und für leichte Zinnlötarbeiten bieten sie gleichfalls große Vorteile.

Die Lampen werden mit gutem Brennspritus gefüllt; nach dem Anzünden entwickelt sich in wenigen Sekunden die Stichflamme.

Der Deckel dient dazu, daß der Spiritus außer dem Gebrauche nicht verdunstet.

Fig.8

**Rudolph Becker, Leipzig (unmarked)
Circle-3 Overlying Circles-6 Underlying Rectangles Cutout Pattern**

The Eolipyle shown in Figures 9-11 is certainly one of my more unusual torches. For these series of articles, it retains the features of what I define as an Eolipyle: three parts, a lower alcohol lamp, an upper fuel chamber, and an intervening stand. It is quite tall, 23.5 cm in height and 8.5 cm in diameter. The lamp and fuel chamber are made of brass. The stand is quite different in being made of heavy, thick steel welded together along the right side of the cylinder. Both the very large sheet steel handle and downward-sloping "hood" over the front opening are each also welded in place. This is the only Eolipyle in my collection that has its "joints" welded together. All others are soldered.

Fig.9



Fig.10



Fig.11



Even more unusual is the downward-sloping burner which is designed to emit its flame at a 45-degree angle descending out the hood on the front of the stand (Fig. 10). Also note the two wicks on the alcohol lamp (Fig. 11), the vertical one to heat the fuel chamber and the inclined wick to supply a flame for the alcohol vapors exiting the tip of the burner. I do not know why this Eolipyle was designed in this fashion. My guess is that it must be used in its vertical position, perhaps resting on a table or bench. In this position, the flame would hit the target object at a distance of only about 6 cm from the front opening and only about 5 cm from the base of the stand. At this distance, the heat would surely be intense. If the lamp sat on a table or bench, why would a user need the flame so close to the base of the lamp? As noted above, I simply do not know of its purpose. I might note that a search of Google indicates that there was a Rudolph Becker in Leipzig who was a well-known printer and lithographer. I'm wondering if he might have had these burners made for his printing business.

Graham Stubbs has pointed out that the German manufacturer G. Barthel made a small blowtorch with a similar downward-inclined burner (Fig. 12; see the bottom of page 022 in the French Recueil No. 3). This lamp was called the Barthel "IRITA" and was advertised as being specially designed for lithographers.

It seems likely, then, that the Becker lamps may have been made for use in the art of lithographic printing. Of course, we need catalog verification.

Modèle spécial pour lithographes

Reservoir en laiton.

Ce modèle se distingue de la lampe «IRIT» ci-dessus seulement par le tube-brûleur dirigé vers le bas.

Fig.12



1/6 de la grandeur naturelle.

Désignation télégraphique . . . «IRITA»
Poids environ 0 kg 475
Prix avec coupe d'emplissage
Mk. 6.75

I know of no catalog sheets or other literature illustrating or describing the Becker Eolipyles. Their identification is based on an example in the collection of the Blowlamp Society member Gérard Muller. Gérard has not only one, but actually two of these Eolipyles. One, shown on the right side of Figure 13, is identical to that shown in Figures 9-11. His second example, shown on the left side of Figure 13, differs in having the lamp and fuel container either nickel- or chrome plated, in being riveted rather than welded, and in having a wooden handle. It is this Eolipyle that also has a brass label riveted to the front of the stand. The label reads “RUDOLPH BECKER” and “Leipzig” (Fig. 14). I do not know if Becker was the manufacturer or a retailer, a seller, of this Eolipyle, or maybe neither. Its identification as a Rudolph Becker Eolipyle is sufficient until more information is discovered.



Fig.13



Fig.14

E. CONTE Circle-Rectangle-Circle Cutout Pattern

This Eolipyle is made almost entirely of copper (Figs. 15-16). The wick holder on top of the alcohol lamp, the burner tube, and the filler plug/pressure release mechanism are made of brass, while the loop handles and handle bracket on the rear of the stand, are made of iron. The lamp is 17 cm in total height and the stand is 8.5 cm in diameter. The cutout pattern (Fig. 15) consists of a central small circle with short and rounded rectangles North-South and East-West of the center, with small circles between each pair of rectangles. The entire design is relatively small, measuring only 32 mm in maximum dimension.



Fig.15



Fig.16

The burner appears to me to be of an early design. First, the top of the fuel container is semi-circular, smooth, and lacks the concentric ridges seen on most other fuel tanks. The ridges, perhaps a later stage in the evolution of these torches, give added strength to the tank helping to prevent damage from the internal pressure during operation. Second, the filler plug is “winged” and

rests inside a cup which aids in adding alcohol to the tank. This is a unique feature not seen on other Eolipyles. Third, rather than being soldered, the sheet-iron support for the two handles is attached to the back of the stand by two large copper brads. Fourth, the iron handles are covered with leather which has been stitched together along their outer periphery (Fig. 17). I have never seen this type of insulation that, I'm sure, kept the handles much cooler during operation.



Fig.17



Fig.18

Stamped into the upper left front part of the stand are the letters "E. CONTE" (Fig. 18). I have no publicity about this Eolipyle, nothing at all. I do not believe this is the name of some previous owner. Rather, because of the overall "quality" of the marking, as well as its location on the stand, I believe this is the name of its manufacturer or its retailer. Hopefully we may one day find the answer through additional research.

These notes have benefitted greatly from the advice and assistance of Michel Duval. My sincere thanks are extended to him and to our Editor for preparing this for publication. Your comments about these or other Eolipyles are welcome. Please contact me at ccsmith2@charter.net

MUSEUMS

Carolyn and Max Rhodes visited two museums with displays of old engines and starting blowlamps.

OAKHAM TREASURES is one of the largest privately owned museums of retail and farming history in the UK. The Tractor and Engine display has 150 old tractors and many oil and gas fired engines. This Hornsby starting lamp was mounted on one of the engines. The lamp is unusual for having no cast iron legs as part of the tank.

Oakham Treasures, Oakham
Farm, Portbury Lane,
Portbury, Bristol BS20 7SP
TEL:01275375236



The **INTERNAL FIRE MUSEUM OF POWER** is a museum of internal combustion engines in West Wales. The museum's collection is mostly of larger stationary diesel engines, as used for generating sets and pumping stations. Many of the engines are shown in operation.

Internal Fire Museum of Power
Castell Pridd
Tanygroes
Ceredigion
Wales
SA43 2JS
01239 811212



**SIEVERT STARTING LAMP ON A
CROSSLEY VERTICAL ENGINE**

The chap at right is cheating, using propane rather than a real starting lamp!



MERRY CHRISTMAS!



**WARNING:
DO NOT ATTEMPT
THIS AT HOME**
(Photo from Michel Duval)



**FROM THE ARCHIVES:
CHRISTMAS CARD BY BLOWLAMP
SOCIETY FOUNDER LES ADAMS**
(File from Ron Carr)

WANTED

Charles Smith is interested in purchasing old three-piece Eolipyles similar to those shown in the article this issue. Please send a photo(s) and a note about its condition with your asking price to Charles at ccsmith2@charter.net. Thank you!

SUBSCRIPTIONS

Annual subscriptions are: For UK members 15 UK pounds, for International members 25 pounds. You may pay by PayPal to Blowlampnews@hotmail.com Payments may also be made by post to: Carolyn Rhodes, Mathom House, 71 Ryecroft Road, Hemington, Derbys. DE74 2RE England.

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