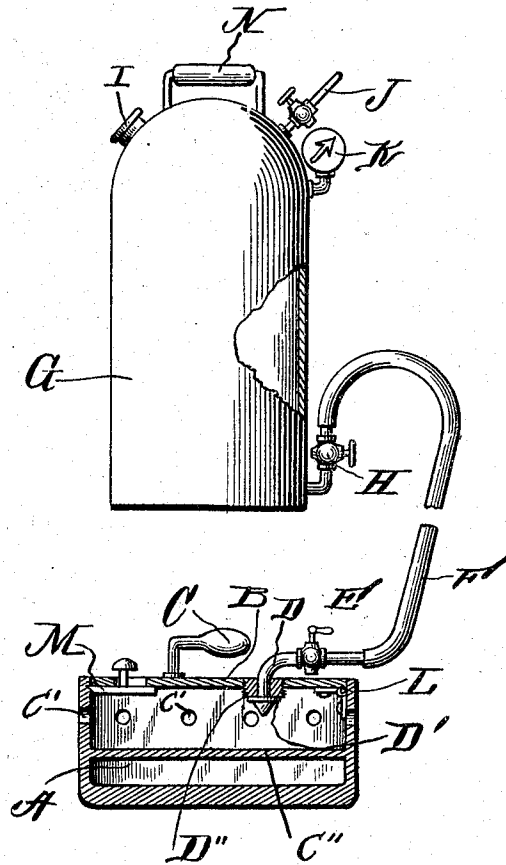


J. A. MEYER.
SMOOTHING IRON.
APPLICATION FILED OCT. 21, 1907.

933,480.

Patented Sept. 7, 1909.



Witnesses

R. A. Boswell.
M. E. Connor.

Inventor

James H. Meyer.

By

W. Preston Williams.

Attorney

UNITED STATES PATENT OFFICE.

JAMES A. MEYER, OF PRAIRIE HOME, MISSOURI.

SMOOTHING-IRON.

933,480.

Specification of Letters Patent.

Patented Sept. 7, 1909. °

Application filed October 21, 1907. Serial No. 398,404.

To all whom it may concern:

Be it known that I, JAMES A. MEYER, a citizen of the United States, residing at Prairie Home, Cooper county, Missouri, have invented a certain new and useful Improvement in Smoothing-Irons, of which the following is a specification.

My invention relates to a new and useful improvement in smoothing irons, and has for its object to provide an exceedingly simple and effective device by which liquid fuel may be supplied to the iron and the latter be heated without the necessity of transferring to a stove for that purpose.

With these ends in view, this invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claim.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, the construction and operation will now be described in detail, referring to the accompanying drawing forming a part of this specification, in which the figure is a side elevation of a smoothing iron made in accordance with my invention.

In carrying out my invention as here embodied, A represents a hollow iron which is closed by the top B, which is fastened to the iron by means of hinges L and a catch M, to which top is attached in any suitable manner the handle C and the burner D. Burner D is composed of a pipe having a horizontal portion arranged above the top of the iron and a curved end which is pointed at its extremity and formed with a collar D', the latter seating on a bushing or sleeve D'', which latter is secured to the top of the iron and is perforated to admit the curved end of the burner. Valve E to regulate the size of the flame is carried by the horizontal part of the burner.

The fuel for the iron is supplied by the

hose F, from the tank G, which may be any suitable size or shape. Upon the outlet of this tank is a valve H, which is to be turned off when the iron is not in use to prevent the escape of the fuel, I is an inlet by which the tank is supplied with oil, and J is an inlet for air to which may be attached a pump for supplying air to the tank and this inlet J preferably has the usual check valve located therein, K is a gage attachment to the tank for indicating the pressure in the latter, and N is a handle also attached to the tank so that it may be moved from place to place with little trouble.

In practice the oil issuing from tank G, through pipe F, is ignited at the burner D, the flame encountering the baffle plate C'. Air for combustion purposes enters through the inlets C' in the side walls of the iron A.

Of course I do not wish to be limited to the exact construction here shown, as slight modifications may be made without departing from the spirit of my invention.

Having thus fully described my invention, what I claim as new and useful is—

In combination with a hollow iron, a sleeve secured to the top of said iron and projecting on the interior thereof, a burner consisting of a tube having a horizontal part overlying the top of said iron and formed with a downwardly curved pointed end which extends through said sleeve, a collar on said end abutting the inner end of said sleeve, a valve on the horizontal part of said tube, and means connected to the outer end of said horizontal part to feed fuel to said burner.

In testimony whereof, I have hereunto affixed my signature in the presence of two subscribing witnesses.

JAMES A. MEYER.

Witnesses:

CORNELIUS ERNST,
BESSIE HARRIS.