

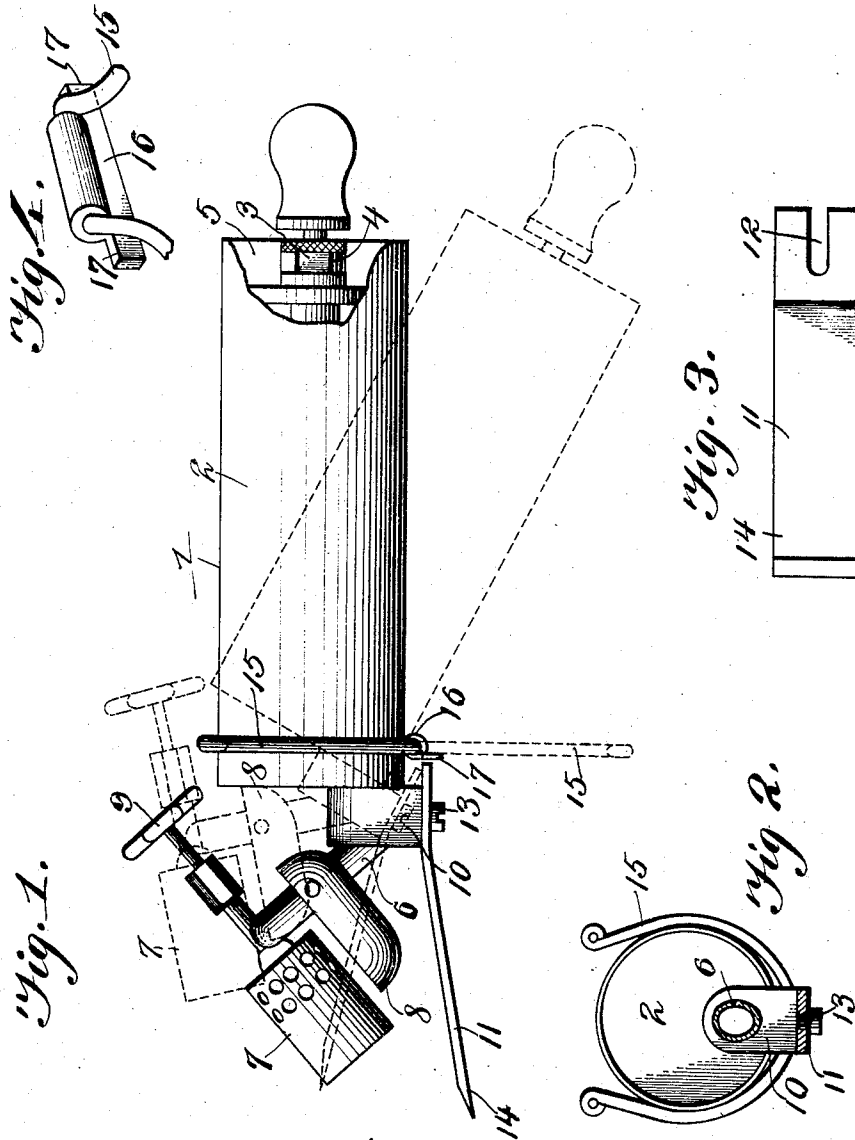
G. F. SAYRES.
PAINT REMOVER.

APPLICATION FILED SEPT. 8, 1911.

Patented Dec. 17, 1912.

2 SHEETS—SHEET 1.

1,047,572.



Witnesses

William C. Linton

Charles S. Wilson

Inventor

George F. Sayres.

By *Wm C. Linton*

Attorney

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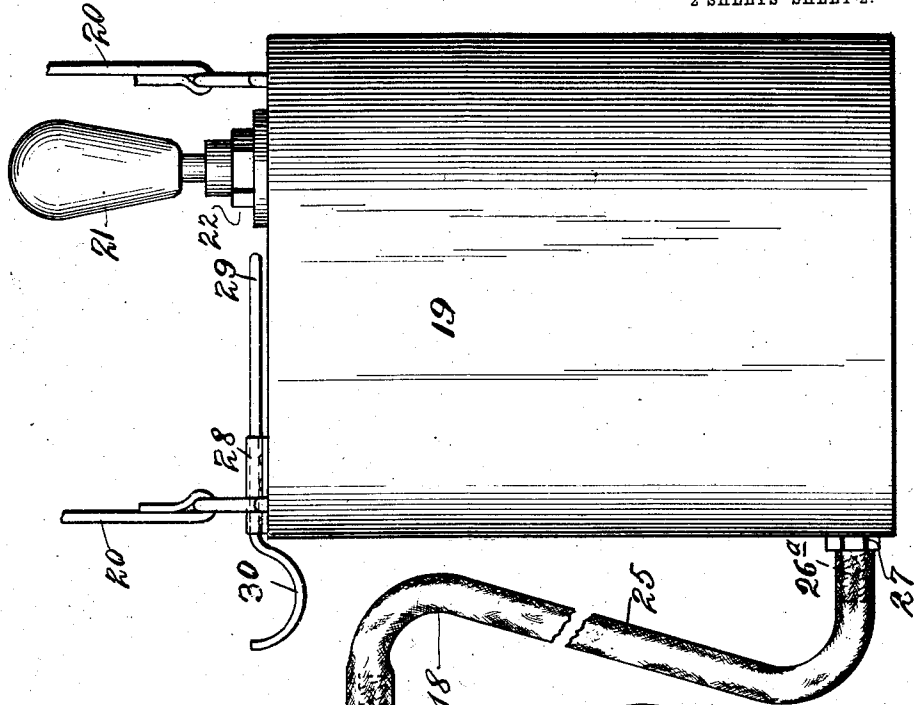


Fig. 5.

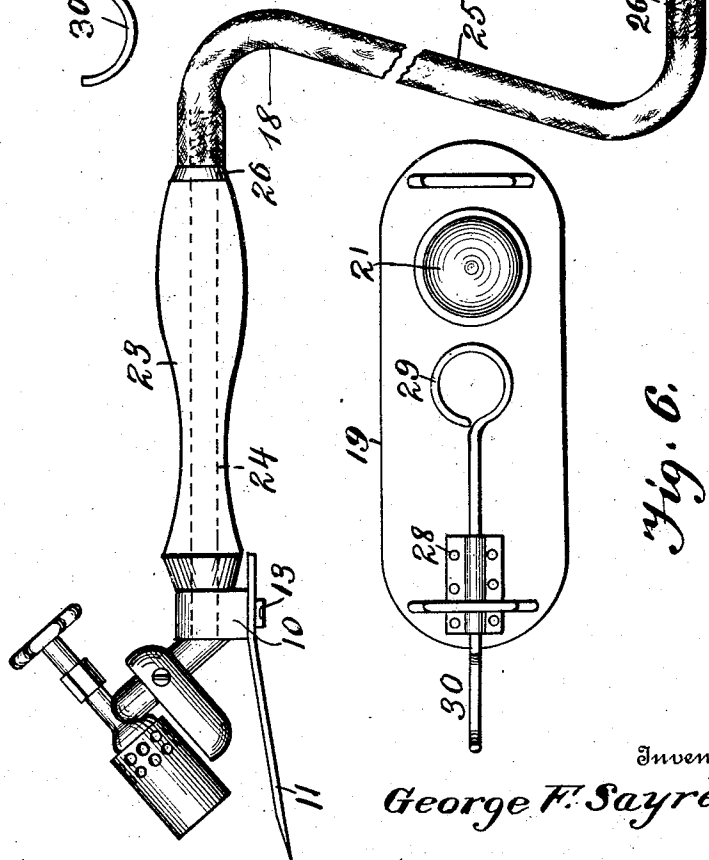


Fig. 6.

Witnesses

William C. Linton.

Charles S. Wilson

By

Wm. C. W. Inire

Attorney

Inventor
George F. Sayres.

UNITED STATES PATENT OFFICE.

GEORGE F. SAYRES, OF STOKESVILLE, VIRGINIA.

PAINT-REMOVER.

1,047,572.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE F. SAYRES, a citizen of the United States, residing at Stokesville, in the county of Augusta and State of Virginia, have invented certain new and useful Improvements in Paint-Removers, of which the following is a specification.

This invention relates to new and useful improvements in paint removers and more particularly to that class of paint removers where a torch is used to loosen the paint and a chisel to follow for scraping the same. Herebefore paint removers of this class consisted of a torch which was carried in one hand of the operator and a chisel to be carried in his opposite hand which has been very disadvantageous and the primary object of this invention is to provide a device of this character whereby the torch and chisel may be combined in one tool and operated with one hand of the operator.

A further object of this invention is to simplify devices of this character, rendering them comparatively cheap in manufacture, strong, durable and efficient in use and which may be readily operated.

With these and other objects in view my invention consists of a novel construction, combination, formation and arrangement of parts which will be hereinafter fully described, claimed and particularly pointed out in the drawings in which:

Figure 1 is a side elevation of the improved form of my invention, showing in dotted lines the position of the torch when oil is placed in the charging cup for igniting the burner; Fig. 2 is a front elevation of the tank; Fig. 3 is a plan view of the scraping chisel; Fig. 4 is a detailed perspective view of the supporting foot; Fig. 5 is a side elevation of a modified form of my invention; Fig. 6 is a plan view of the gasoline tank.

Referring now to the drawings wherein like parts are indicated by like characters of reference throughout the several views, the numeral 1 indicates generally the preferred form of my improved paint remover which consists of a tank 2 which is covered by a suitable asbestos material and at such a diameter to form a suitable handle for an operator. Mounted in one end of this tank 2 is a pressure pump 3 having an octagon collar 4 whereby the pump may be removed in refilling the tank and the edges of the tank, as indicated by the numeral 5, form a suitable funnel when refilling the tank. Ex-

tending from the opposite end of the tank is an angular feed pipe 6 having a suitable burner 7 mounted at right angles to the end thereof. A charge cup 8 is suitably secured to the feed pipe 6 and a usual turning valve 9 is mounted in said burner for operating the flow of gasoline thereto. A suitable chisel supporting member 10 is secured to the front end of the tank and has adjustably secured thereto a scraping chisel 11. This chisel is provided with a slot 12 at one end thereof which is adjustably secured to the supporting member 10 by means of a set screw 13. The forward end of this chisel is angularly bent as at 14 and terminates a short distance behind the flame from the burner 7 whereby the flame of the burner first heats the paint and loosens the same and the chisel closely follows to scrape the same.

A spring supporting foot 15 is suitably secured by means of a clip 16 to the end of the tank 2 whereby one end of the tank may be supported in a raised position when filling the charging cup, the said clip 16 having extensions 17 which form suitable stops for the supporting foot 15.

The above described paint remover is used generally for painters in doing house work or other small work but where a great deal of work is to be done and more gasoline is to be carried by an operator I provide another form of a paint remover which is indicated generally by the numeral 18. This modified form of my invention consists of a tank 19 made preferably of metal which is adapted to be supported over the back of the operator by means of a strap which is secured to loops 20 formed upon the top of the tank. A pressure pump 21 is mounted in the front end of the said tank and is provided with an octagonal collar 22 whereby the same may be removed in refilling the tank. The tool as used in the modified form of the invention consists of a handle 23 which is made of wood or any suitable asbestos material and has extending there-through a feed pipe 24 and the said handle is secured to said feed pipe by means of a collar 26. A chisel supporting member 10 is mounted to the front end of the said handle and has secured thereto a chisel 11 and extending from the feed pipe 24 is a burner similar to the burner described in the preferred form of the invention. A flexible pipe 25 connects the feed pipe 24 with a pipe

26^a mounted at the lower end of the tank 19. This is provided with a cap 27 which has mounted therein a suitable filter whereby the oil from the tank may be filtered before entering the burner as is common. In filling the charging cup of the burner I provide on the tank a suitable supporting member which is secured to the said tank by means of a guide 28. This supporting member is made from one piece of wire having a loop 29 formed in one end thereof and a hook 30 in the opposite end thereof whereby the same may be adjusted to and from the tank in supporting the said burner.

It will be seen from the foregoing description taken in connection with the accompanying drawings that I have provided a paint remover which is simple in construction and easy to operate and it is to be understood that there are other minor details of construction which may be resorted to without departing from the spirit of the invention and which come within the scope of the appended claims.

Having thus described my invention what I claim is:—

1. In a paint remover, a handle, a feed pipe extending therethrough, the front end of said feed pipe extending angularly therefrom, a burner mounted at right angles to the angular end thereof, a chisel supporting member secured to the front of the said handle, a chisel provided at one end with a slot, and a screw adapted to extend through said slot for adjustably securing said chisel to said supporting member.

2. In a paint remover, a handle, a burner

secured thereto, a chisel adjustably mounted on one end of said handle, a supply tank, straps secured to said tank adapted to be carried by the operator, a feed pipe extending through said handle and communicating with said burner, and a flexible tube connecting said feed pipe with said tank, substantially as described.

3. In a paint remover, a handle, a feed pipe extending therethrough, an angular portion extending from one end of said feed pipe, a burner mounted on the angular end of said feed pipe, a charging pan secured at right angles to said angular end, a chisel supporting member secured to said handle, a chisel adjustably mounted thereon, a supply tank, means for connecting said supply tank with said feed pipe, and an adjustable supporting member secured to said tank for supporting said burner, substantially as described.

4. In a paint remover, a handle, a feed pipe extending therefrom, the front end of said feed pipe extending angularly therefrom, a burner mounted at right angles to the angular end thereof, a chisel supporting member secured to the front of the said handle, a chisel provided at one end with a slot, and a screw adapted to extend through said slot for adjustably securing said chisel to said supporting member.

In testimony whereof, I affix my signature in the presence of two witnesses.

GEO. F. SAYRES.

Witnesses:

J. A. SHIFLET,

J. E. MILLER.