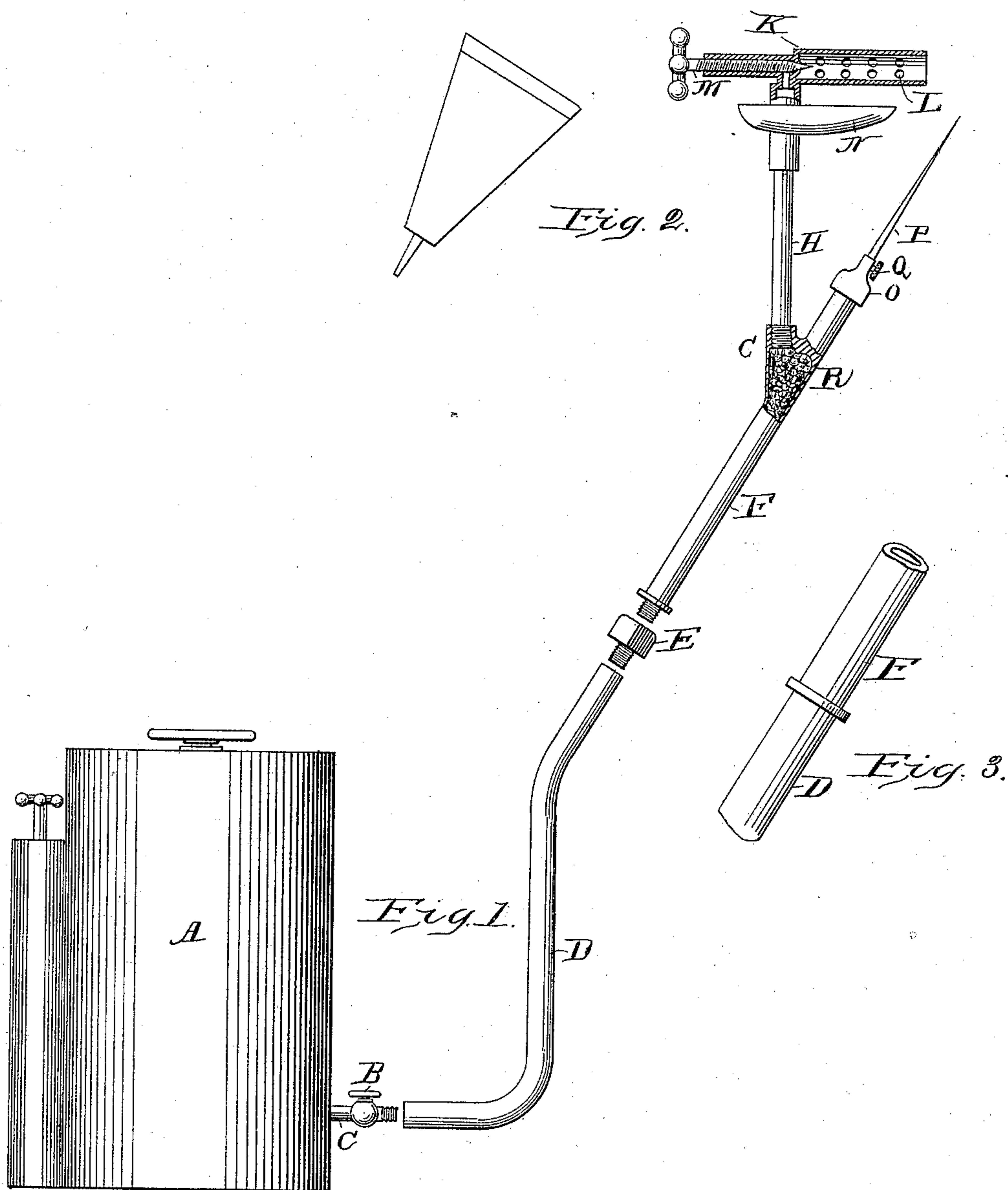


(No Model.)

H. A. GILLIS.
IMPLEMENT FOR REMOVING PAINT, &c.

No. 427,759.

Patented May 13, 1890.



Witnesses

Louis G. Jenkins

Marcus S. Hopkins.

Harry A. Gillis

Inventor

By *his* Attorneys

Hopkins & Atkins.

UNITED STATES PATENT OFFICE.

HARRY A. GILLIS, OF ELMIRA, ASSIGNOR OF ONE-HALF TO SAMUEL HANFORD,
OF BINGHAMTON, NEW YORK.

IMPLEMENT FOR REMOVING PAINT, &c.

SPECIFICATION forming part of Letters Patent No. 427,759, dated May 13, 1890.

Application filed February 10, 1890. Serial No. 339,878. (No model.)

To all whom it may concern:

Be it known that I, HARRY A. GILLIS, of Elmira, in the county of Chemung and State of New York, have invented a certain new and
5 useful Implement for Removing Paint, Varnish, or Similar Coating from the Surfaces of Buildings, Cars, &c., of which the following is a specification.

The object of my invention is to produce a
10 tool or implement that is light and portable, that can readily be attached to any source of supply of liquid or gaseous fuel, and that is provided with a burner and a knife or scraper in juxtaposition thereto, whereby an operator
15 can readily heat a painted surface with the burner, and at the same time—that is to say, by the movements necessary to burn the surface and loosen the paint—he can remove it with the knife or scraper.

20 In the drawings, Figure 1 is an elevation of my improved implement, showing the flexible pipe and coupling disconnected, but in position to indicate their proper relations. Fig. 2 is a plan view of a scraping-knife detached, and Fig. 3 is a formal modification of
25 means for connecting the flexible pipe with the handle.

Referring to the letters upon the drawings, A indicates what may be assumed to be a
30 source of fuel-supply—as, for example, a tank for liquid fuel or a gas-holder. It is immaterial what sort of a tank or holder or what kind of liquid or gaseous fuel may be supplied, and in practice this will depend upon
35 circumstances of convenience. I need not, therefore, describe the tank or holder in detail, as it may be of any ordinary character affording necessary pressure.

40 B indicates a cock of usual construction for admitting or cutting off the supply of liquid or gaseous fuel.

C indicates a section of pipe carrying the cock and connected with the tank or holder, and it may be ribbed or screw-threaded for
45 coupling the end of the flexible hose D.

E indicates a coupling-piece to be attached to the other end of the hose, and also to be connected with the handle F in any suitable
50 manner—as, for example, by screw-thread—but the flexible hose might, of course, be connected directly with the handle, as indicated in Fig. 3.

G indicates a Y-pipe connection of ordinary kind for receiving a pipe H, carrying the burner K. This burner may be of any
55 ordinary kind—such as an ordinary gas-burner—or it may be, as illustrated at L in the drawings, perforated and adapted to burn gasoline by admitting air.

M indicates a cock of ordinary construction
60 for opening and closing the burner.

N indicates a cup, which may be secured underneath the burner below its perforations to receive any drippings that may escape, and
65 its chief use is to catch first drippings to be lighted to start the burner when liquid fuel is used.

O indicates a socket-piece attached to the end of the handle for receiving the shank of the knife or tool P and holding it firmly in
70 place by means of a set-screw Q. It will be observed that the knife projects in an inclined direction for use just below the end of the burner, so as to follow up the burner in practice and quickly remove the surface-covering, which will be loosened or softened by
75 the action of the flame.

R indicates a packing, which may be employed to screen the liquid or gaseous fuel, which may be forced to the burner in any
80 usual way through the pipe and handle.

The foregoing is an example of the embodiment of my invention in the best form now known to me; but all of the details described may be varied without departing from the
85 substance of my invention, which is the provision of a light portable implement having a fluid-burner and a knife for removing paint or similar surface-covering.

What I claim is—

90 An improved implement for removing paint and similar surface-coatings, consisting of the combination of a handle, a fluid-burner, and a knife or tool, the latter being located with respect to the burner so that the flame
95 from the burner will impinge against the surface just out of reach of the knife-edge, substantially as set forth.

In testimony of all which I have hereunto subscribed my name.

HARRY A. GILLIS.

Witnesses:

N. P. FASSETT,
J. A. GIBSON.