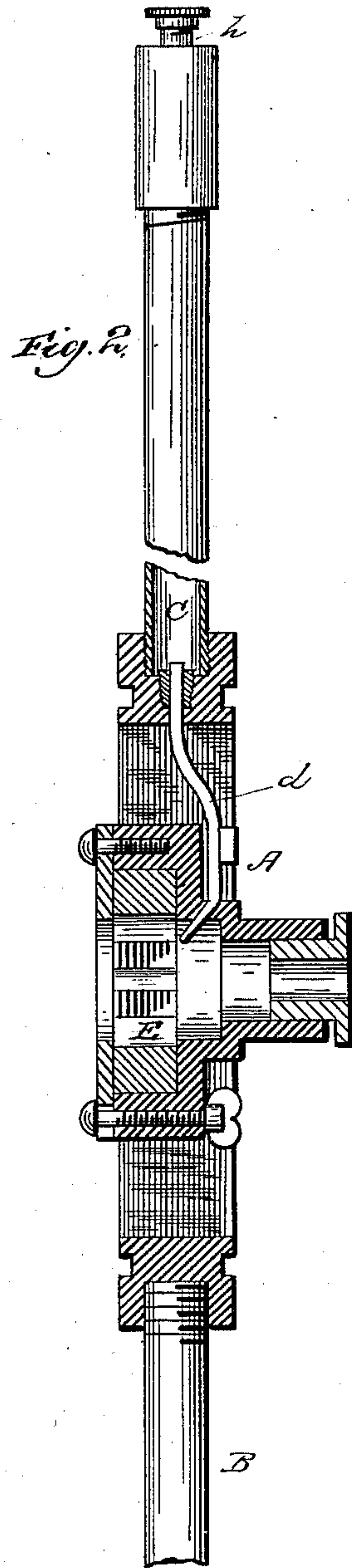
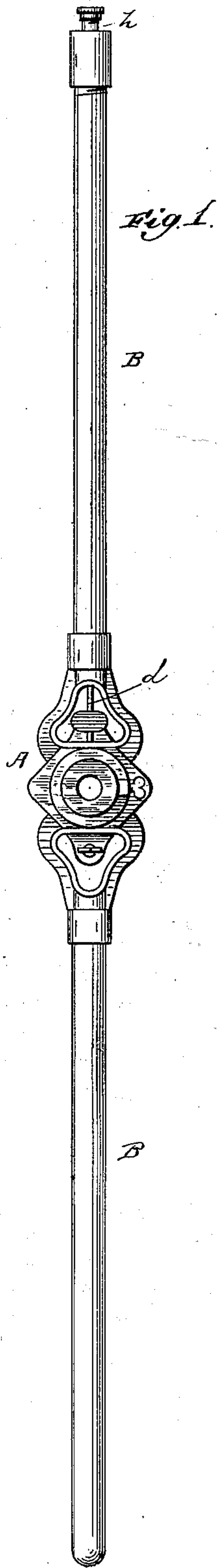
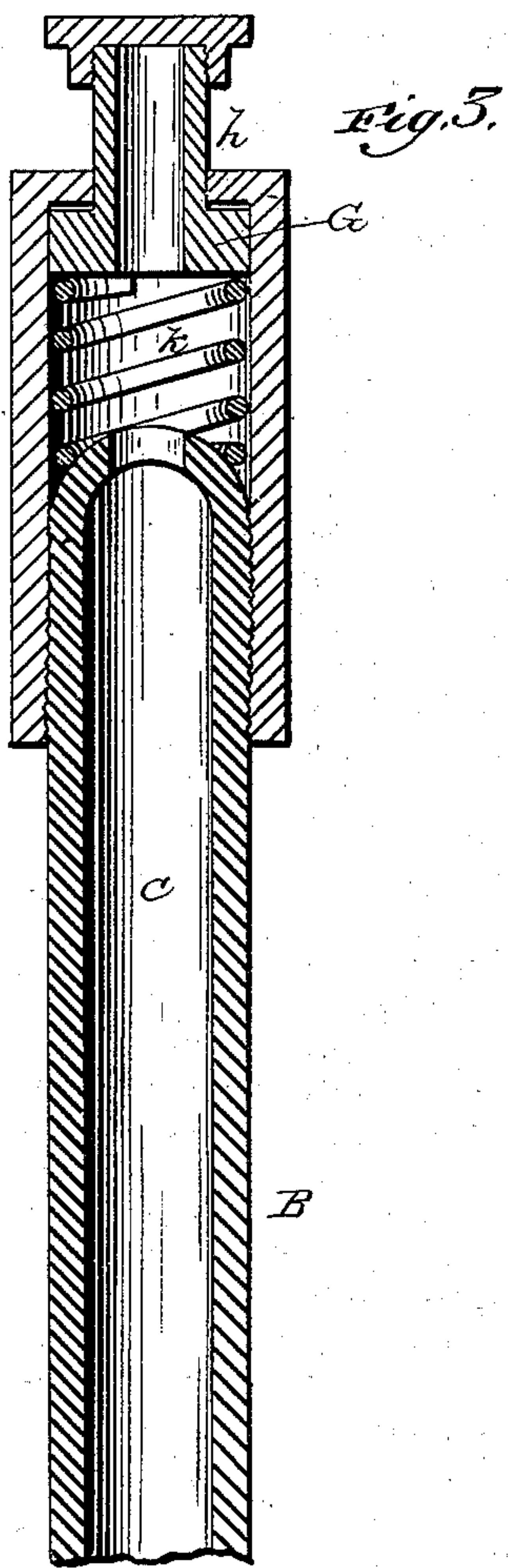


(No Model.)

A. G. BRUST.
SCREW CUTTING DIE.

No. 280,128.

Patented June 26, 1883.



WITNESSES
Emory H. Bates
Philip Lemasi.

INVENTOR
Albert G. Brust
by Anderson Smith
his ATTORNEYS

UNITED STATES PATENT OFFICE.

ALBERT G. BRUST, OF UNIONTOWN, WASHINGTON, ASSIGNOR OF ONE-HALF
TO E. W. ANDERSON AND J. C. SMITH, OF WASHINGTON, DISTRICT OF
COLUMBIA.

SCREW-CUTTING DIE.

SPECIFICATION forming part of Letters Patent No. 280,128, dated June 26, 1883.

Application filed August 17, 1882. (No model.)

To all whom it may concern:

Be it known that I, ALBERT G. BRUST, a
citizen of the United States, and a resident of
Uniontown, Washington, District of Columbia,
5 have invented a new and valuable Improvement in Self-Oiling Pipe-Cutters; and I do
hereby declare that the following is a full,
clear, and exact description of the construc-
tion and operation of the same, reference be-
10 ing had to the annexed drawings, making a
part of this specification, and to the letters and
figures of reference marked thereon.

Figure 1 is a plan view of my improved
self-oiling pipe-cutter. Fig. 2 is a partial lon-
15 gitudinal sectional view, and Fig. 3 is an en-
larged sectional detail view.

This invention has relation to hand pipe
cutters and threaders; and it consists in pro-
viding the handle of such an instrument with
20 an oil-holding recess and a conduit leading
therefrom to the die or cutting-wheel.

The invention also consists in providing, in
connection with the oil-chamber in the han-
dle and its discharging tube or conduit, a press-
25 ure-feed, whereby the discharge of the oil may
be effected in a positive manner, all as herein-
after set forth.

In the accompanying drawings, the letter A
designates the central portion or die-chamber
30 of a pipe-threading cutter designed to be op-
erated by hand. B B are the handles thereof,
one or both of which may be made hollow or
chambered.

C represents the oil chamber or cavity in
35 one of the handles. From this chamber to the

die-chamber A extends a tube or conduit, *d*,
through which, as the instrument is turned
around the pipe, the oil flows to the die E,
keeping the same constantly lubricated. In
the case of a pipe-cutter the mouth of the oil- 40
conduit will open into the recess in which the
cutting-wheel revolves.

In order to secure a positive feed, when nec-
essary, the oil-chamber is provided with a
movable piston or plug, G, having a project- 45
ing stem, *h*, and held outward by means of a
spring, *k*. By pressing the piston inward the
oil is readily caused to flow from the cham-
ber C through the conduit *d* to the die or cut-
ting-wheel. 50

Having described this invention, what I
claim, and desire to secure by Letters Patent,
is—

1. A hand pipe threader or cutter having
an oil-chamber in the handle and a conduit 55
leading therefrom to the die-chamber or cut-
ting-wheel, substantially as specified.

2. A hand pipe threader or cutter having
an oil-chamber in the handle, a conduit lead-
ing therefrom to the die or cutter, and a spring- 60
piston in the oil-chamber, forming a pressure-
feed, substantially as specified.

In testimony that I claim the above I have
hereunto subscribed my name in the presence
of two witnesses.

ALBERT G. BRUST.

Witnesses:

THEO. MUGEN,
PHILIP C. MASI.