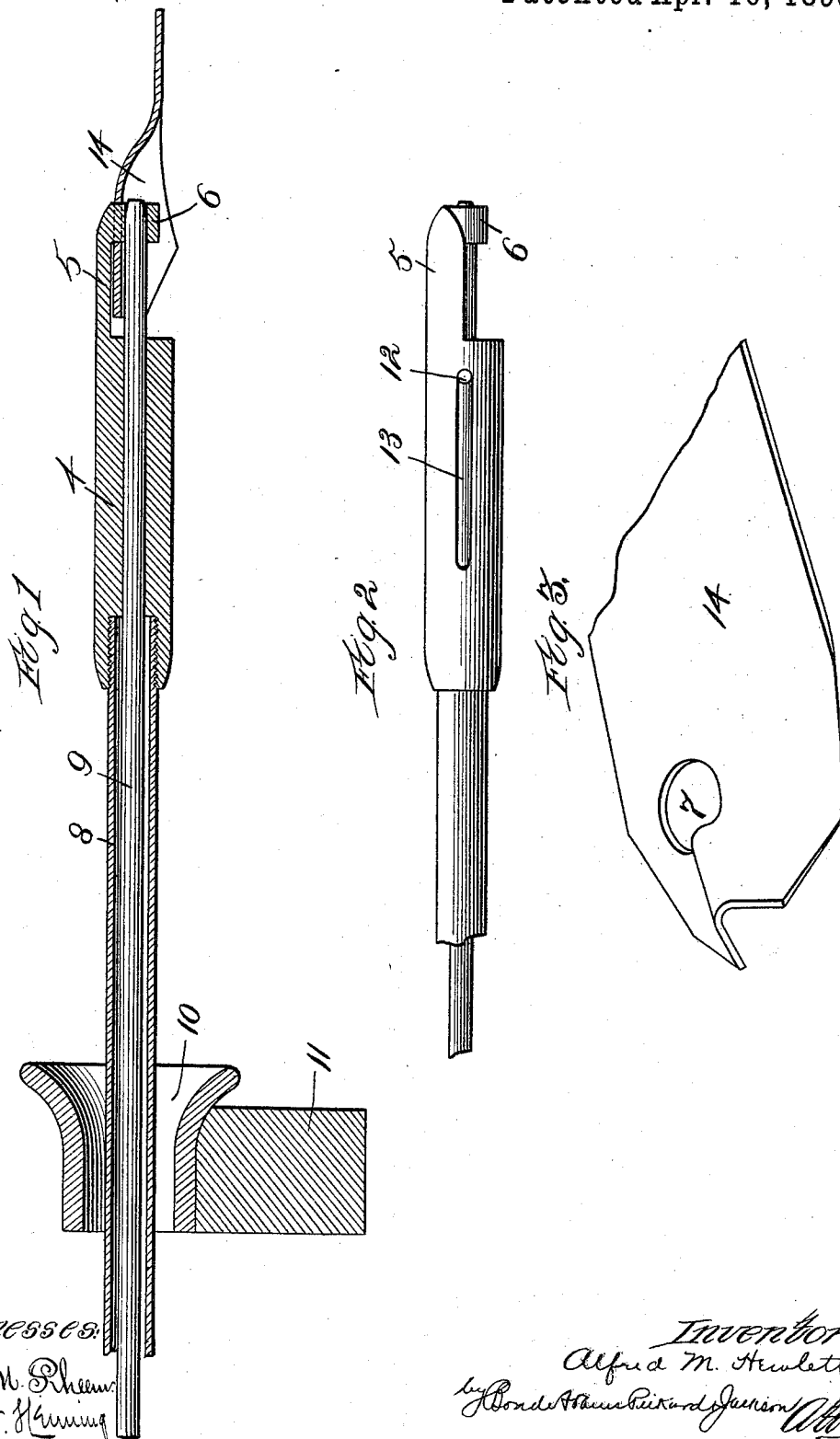


(No Model.)

A. M. HEWLETT.
PIPE DRAWING TOOL.

No. 537,456.

Patented Apr. 16, 1895.



Witnesses:
S. M. Rhine
Wm. J. Hanning

Inventor:
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UNITED STATES PATENT OFFICE.

ALFRED M. HEWLETT, OF KEWANEE, ILLINOIS.

PIPE-DRAWING TOOL.

SPECIFICATION forming part of Letters Patent No. 537,456, dated April 16, 1895.

Application filed April 24, 1894. Serial No. 508,891. (No model.)

To all whom it may concern:

Be it known that I, ALFRED M. HEWLETT, a citizen of the United States, residing at Kewanee, Henry county, Illinois, have invented certain new and useful Improvements in Pipe-Drawing Tools, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is a longitudinal vertical section. Fig. 2 is a side elevation. Fig. 3 is a perspective view of one end of the skelp.

My invention relates to tags for drawing butt weld pipe, and has for its object to provide an improved tag which may readily be attached to the skelp after it has been heated and be readily removed therefrom after the pipe has been formed. I accomplish this object as hereinafter specified and as illustrated in the drawings.

That which I regard as new will be set forth in the claims.

In the drawings—4 indicates the body of the tag, which is provided at one end with a projecting jaw 5 which carries a depending lug or projection 6. The inner face of the jaw 5 is concave, as illustrated in the drawings. The lug 6 is adapted to pass through a hole 7 formed in the end of the skelp 14 before its introduction into the furnace.

8 indicates a tubular handle, which is secured at one end to the body 4 of the tag and at its other end carries a suitable collar or other device by means of which it may be connected to the drawing mechanism.

9 indicates a rod which passes through the handle 8 and through a suitable passage in the body 4, the end of the rod being adapted to fit into a suitable recess in the projection 6, as shown in Fig. 1. The rod 9 is of sufficient length so that it may readily be operated for the purpose of securing the tag to the heated skelp.

10 indicates a bell. 11 indicates a bell holder. The diameter of the body 4 is such as to permit of its being drawn through the bell 10.

At each side of the rod 9 are projecting pins 12, which move in slots 13 formed in the body 4, which pins serve to limit the movement of the rod 9.

When the skelp has been heated to a weld-

ing heat, the tag 4 is introduced into the furnace, the lug 6 being fitted into the hole 7, after which the operator slides the rod 9 into engagement with the lug 6, thereby locking the tag to the skelp. The bell is then slipped upon the tag, which is then connected to the drawing mechanism and the pipe drawn in the usual manner.

It should be understood that the word "skelp" is herein used to apply to the strip of metal which is to be drawn through the bell regardless of whether or not such strip has been previously treated to make it adapt itself more readily to tubular form.

That which I claim as my invention, and desire to secure by Letters Patent, is—

1. A pipe-drawing tool having a fixed lateral projection adapted to enter a hole in the skelp, and a sliding rod adapted to be moved into engagement with said projection, whereby said tool may be locked to the skelp, substantially as described.

2. A pipe-drawing tool having a fixed lateral projection which enters an orifice in the skelp and is provided with a recess or hole therein, and a sliding rod adapted to enter said recess or hole to lock the skelp in position on the projection, substantially as described.

3. A pipe-drawing tool having a body and a projection, a tubular handle, and a rod movable in said handle and adapted to engage said projection, substantially as described.

4. The combination with a body 4 having a projecting jaw 5 and a lug 6 depending therefrom, said lug having a recess, of a tubular handle, and a rod 9 movable in said handle and adapted to engage said lug, substantially as described.

5. The combination with a body 4 having a projecting jaw 5 and a lug 6 depending therefrom, said lug having a recess, of a tubular handle, a rod 9 movable in said handle and adapted to engage said lug, and a stop for limiting the movement of said rod, substantially as described.

ALFRED M. HEWLETT.

Witnesses:

JOHN L. JACKSON,
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