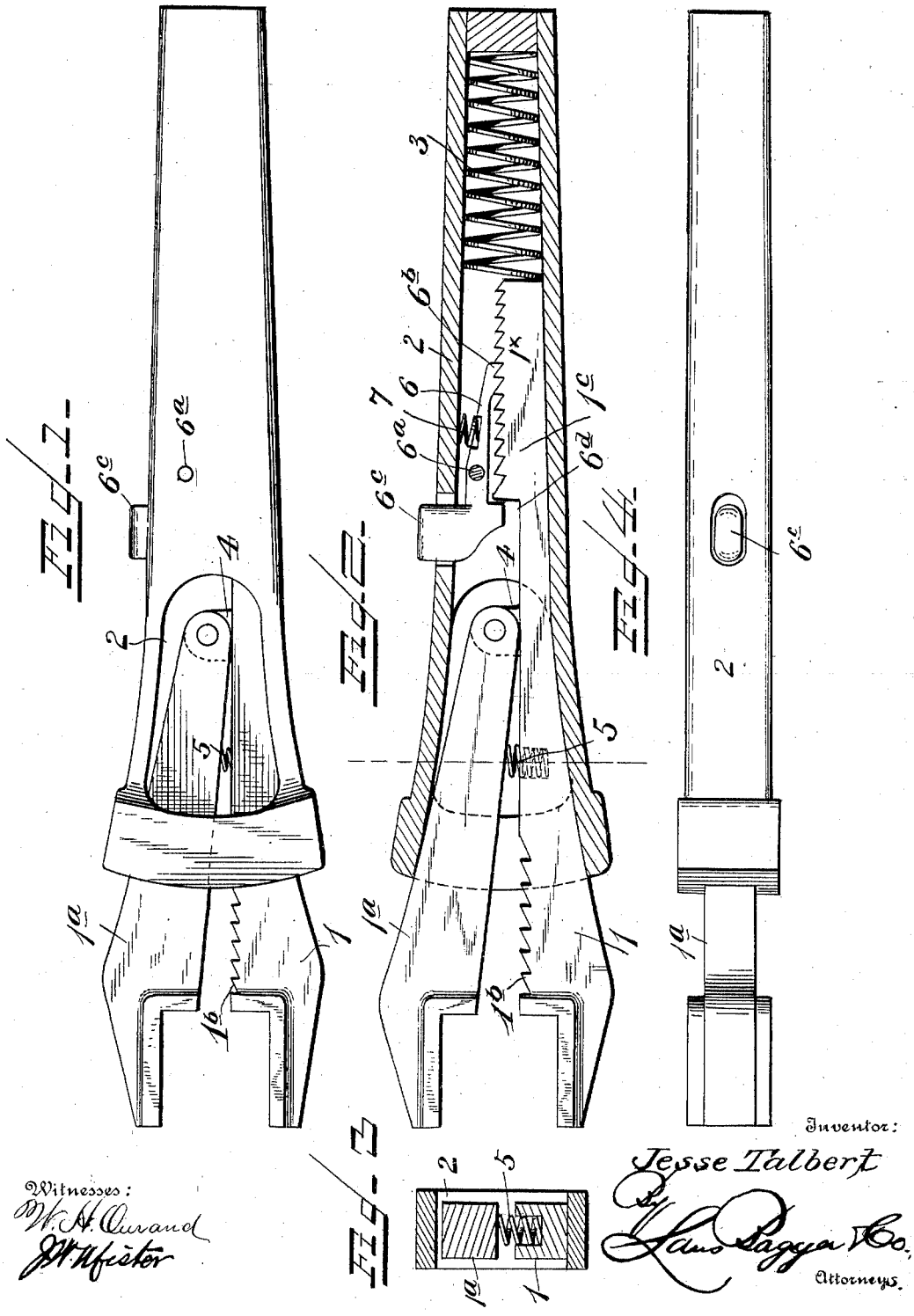
No. 760,273. PATENTED MAY 17, 1904.

J. TALBERT.

WRENCH.

APPLICATION FILED FEB. 26, 1904.

NO MODEL.



Witnesses:
W. A. Durand
J. H. Pfister

Inventor:
Jesse Talbert
By Louis Bagger & Co.
Attorneys.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

No. 760,273. Patented May 17, 1904.

UNITED STATES PATENT OFFICE.

JESSE TALBERT, OF WAGONER, INDIAN TERRITORY.

WRENCH.

SPECIFICATION forming part of Letters Patent No. 760,273, dated May 17, 1904.

Application filed February 26, 1904. Serial No. 195,446. (No model.)

To all whom it may concern:

Be it known that I, JESSE TALBERT, a citizen of the United States, residing at Wagoner, Creek Nation, Indian Territory, have invented certain new and useful Improvements in Wrenches, of which the following is a specification.

My invention relates to improvements in wrenches.

It has for its object to greatly simplify the structural parts, to provide for the ready application of the wrench to the nut or object to be acted upon, and to render the tool effective and easily actuated.

Said invention consists of the combination and arrangement of parts, including their construction, substantially as hereinafter more fully disclosed, and particularly pointed out by the claims.

In the accompanying drawings, illustrating the preferred embodiment of my invention, Figure 1 is a side elevation thereof. Fig. 2 is a longitudinal section thereof. Fig. 3 is a cross-section. Fig. 4 is an edge elevation of the same.

In the carrying out of my invention I provide two jaw members 1 1^a with their inner portions arranged within a casing or closure 2 and their nut-engaging portions extended beyond the latter, said casing or closure being adapted to serve as a handle for the manipulation of the wrench. The jaw member 1, which is the longer and has, preferably, a ratchet or notched surface 1^b upon the inner edge of its shank to adapt the wrench also for effectively engaging a pipe or cylindric surface, is seated or rests upon a spring or resilient cushion 3, arranged within the extreme inner end of the handle or casing 2, while the jaw member 1^a is movable with said longer member 1, being suitably pivoted laterally to a lug 4, integral with the shank portion of the jaw member 1. Said jaw members are held normally apart by the action of a spring 5, preferably of the spiral type, suitably seated at one end in a socket in one jaw-member shank and bearing upon the other jaw-member shank. The outer edges of said jaw members are inclined or flared laterally and forwardly, with the maximum flare or divergence thereof extending normally beyond the forward end of the casing or handle 2, so that by sliding forwardly said casing, as when said jaws are applied to a nut or other object, said jaws will be moved toward each other, causing them to effectively grip or engage said nut, when by suitably turning or actuating said handle the last-named may be readily removed or screwed "home" upon its bolt.

A pawl or detent 6 of peculiar construction is pivoted within the casing 2, as at 6^a, with one arm provided with a lateral tooth 6^b, adapted to engage a ratchet or serrated surface $1^\times$, formed upon the opposite edge of the inner portion of the shank of the jaw member 1 to provide for the proper retention of the jaw members in position within said casing or handle. Said tooth of said pawl or detent arms is automatically held in engagement with said ratchet or serrated surface of the shank of the jaw member 1 by a spring 7, suitably seated in a socket in said arm and bearing against the casing 2. The other arm of said detent or pawl has a thumb or finger piece 6^c projecting through an aperture in the casing 2 for its ready actuation, said arm also having a lateral projection 6^d, adapted to normally engage a shoulder 1^c of the shank of the jaw member 1 to limit the outward automatic movement of the jaw members, as from the action of the spring 3, when the detent or pawl 6 is disengaged from the ratchet-surface $1^\times$ of one of said jaw members, as will be readily appreciated.

It will be noted that the above described wrench is characterized for its simplicity and fewness of parts, while it is capable of quick application and effective in action, besides being cheaply manufactured and filling the demand for a convenient and all around desirable wrench.

Latitude is allowed as to details herein, as they may be changed as circumstances suggest without departing from the spirit of my invention and the latter still be protected.

I claim—

1. A wrench having its jaw members forwardly flared or inclined, near their outer ends and pivoted together, and a handle or casing

containing a spring acting to project said ends of said jaws a certain distance from said handle and a detent or pawl having one arm adapted to effect engagement with one of said jaw members and its other arm provided with a lateral projection opposed to, and engaging, a shoulder of said jaw members.

2. A wrench having its jaw members flared laterally toward and near their outer ends and one pivoted to the other, distantly from its ends, and one having an inner ratchet or serrated surface, and a handle inclosing the inner portions of said jaw members, containing a spring adapted to retain said jaw members projecting at their forward ends a certain distance, and a detent having one arm provided with a tooth engaging said ratchet-surface, and its other arm provided with a finger-piece projection extending through an opening in said handle, and a lateral projection adapted to engage a shoulder upon one of said jaw members.

In testimony whereof I have signed my name to this specification in presence of two witnesses.

JESSE TALBERT.

Witnesses:
JOHN MCKENNEY,
LOGAN BENNETT.