

(No Model.)

C. L. WALDRON.
PLATE OR PAN LIFTER.

No. 481,986.

Patented Sept. 6, 1892.

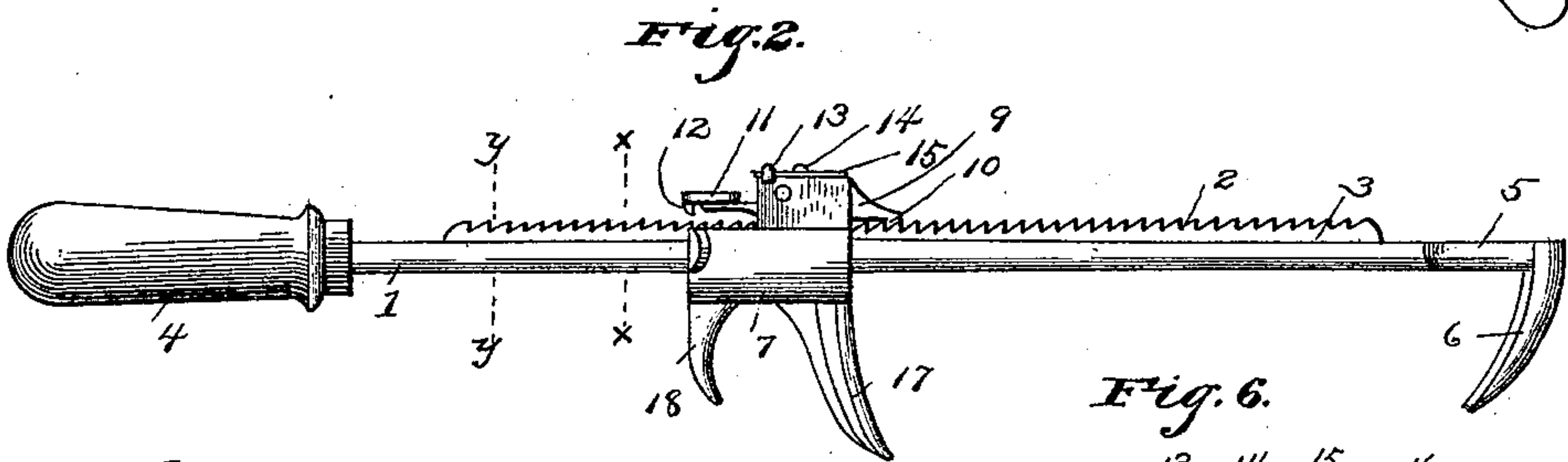
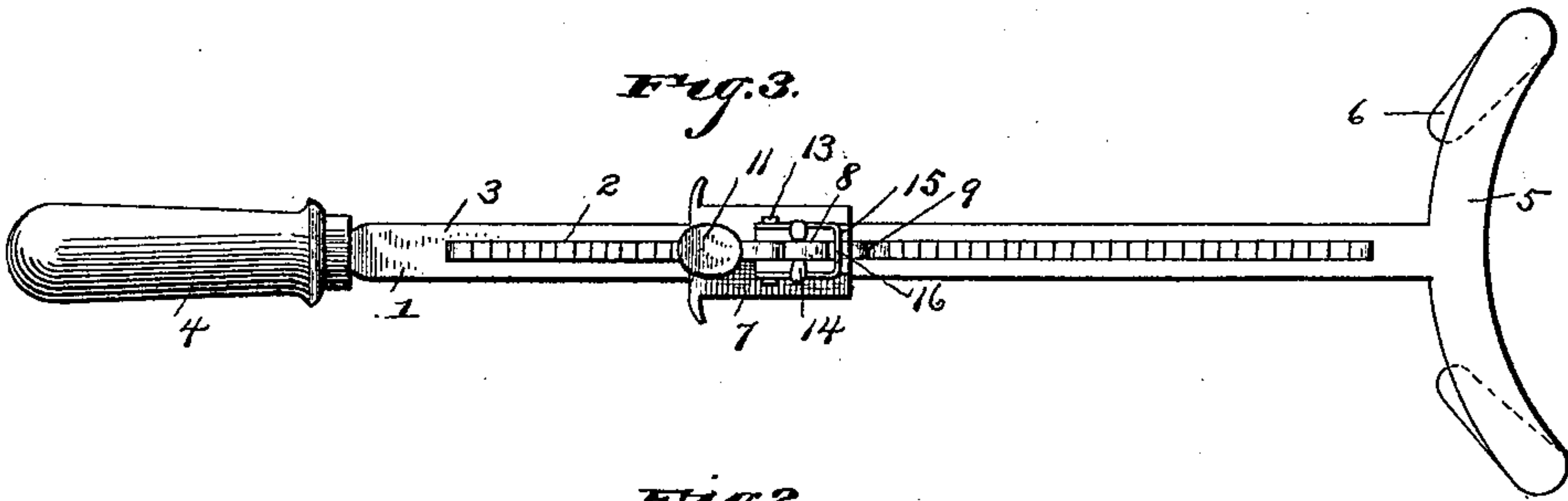
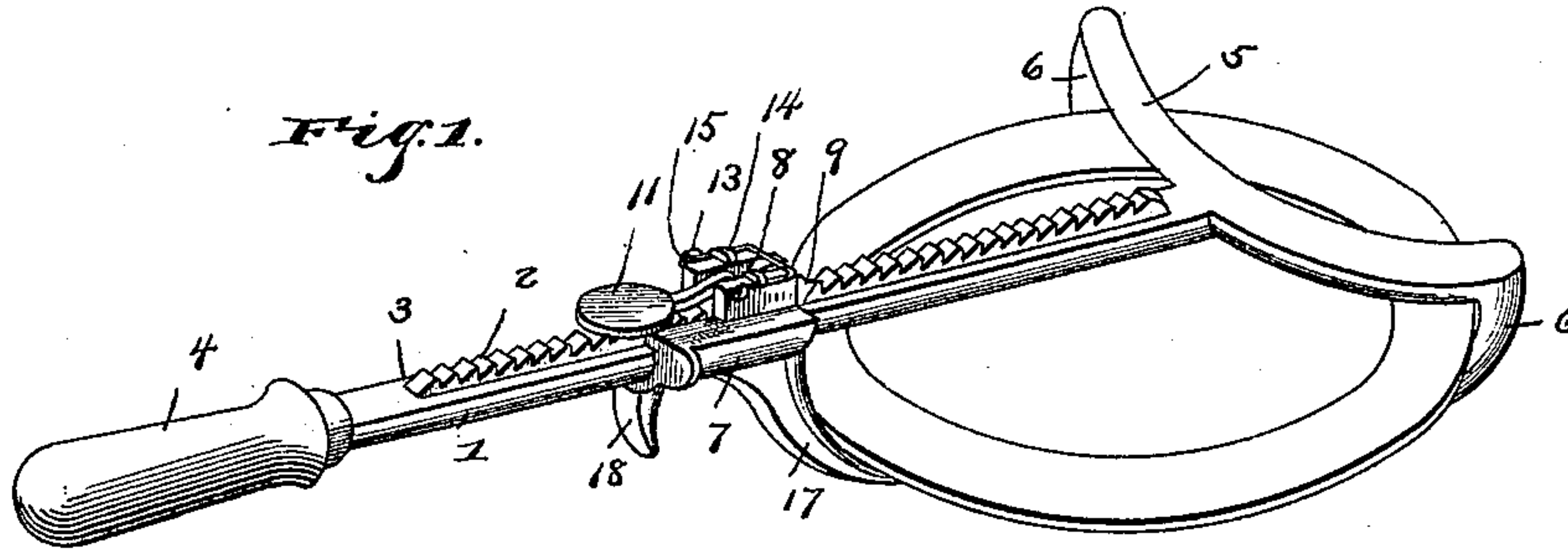


Fig. 5.

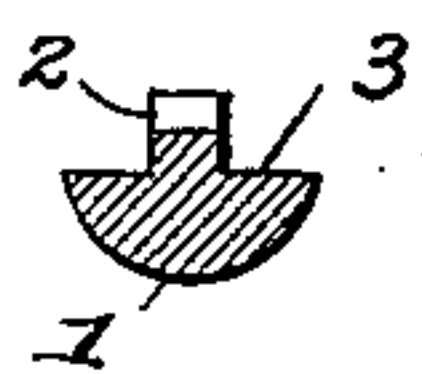


Fig. 4.

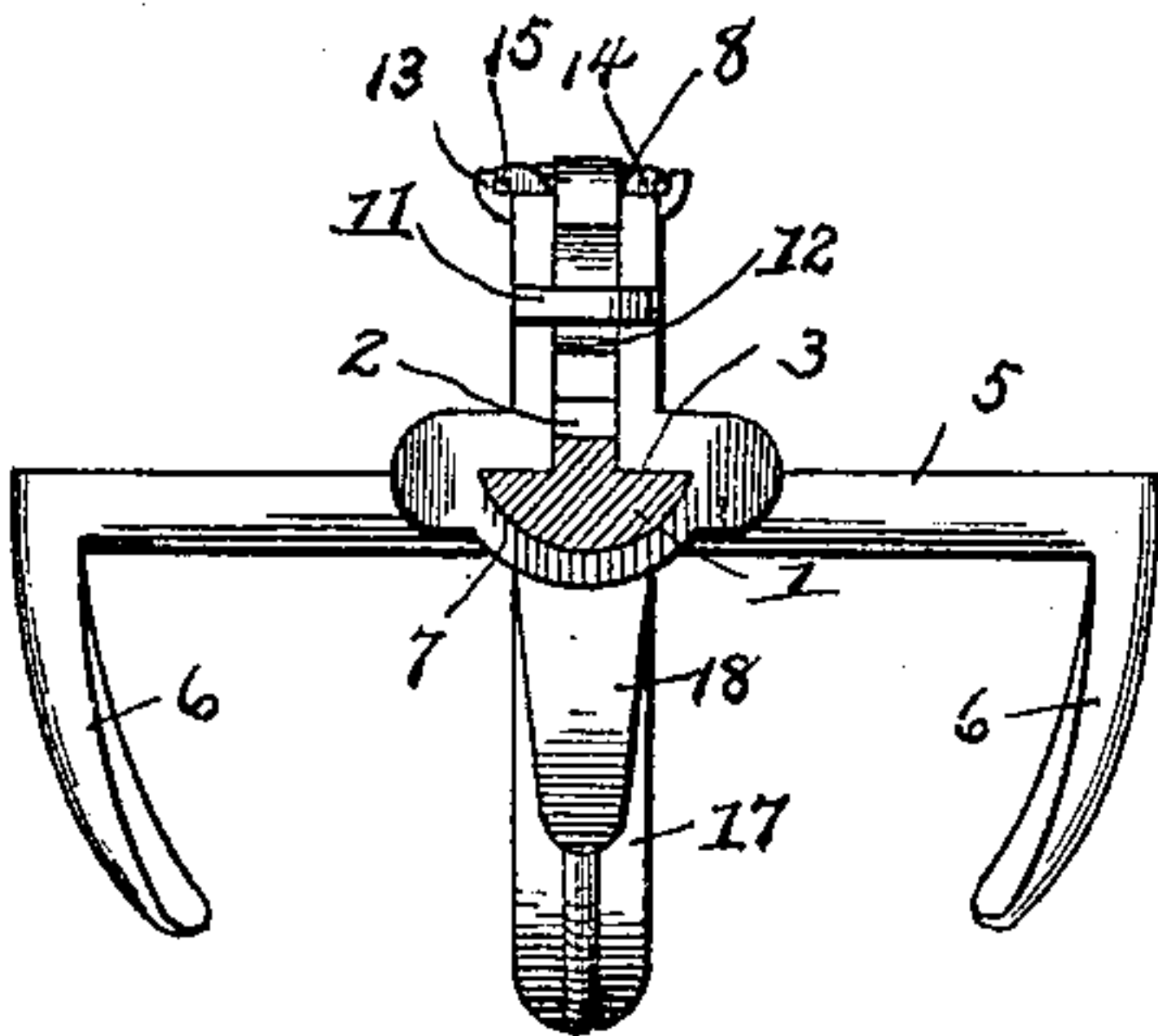
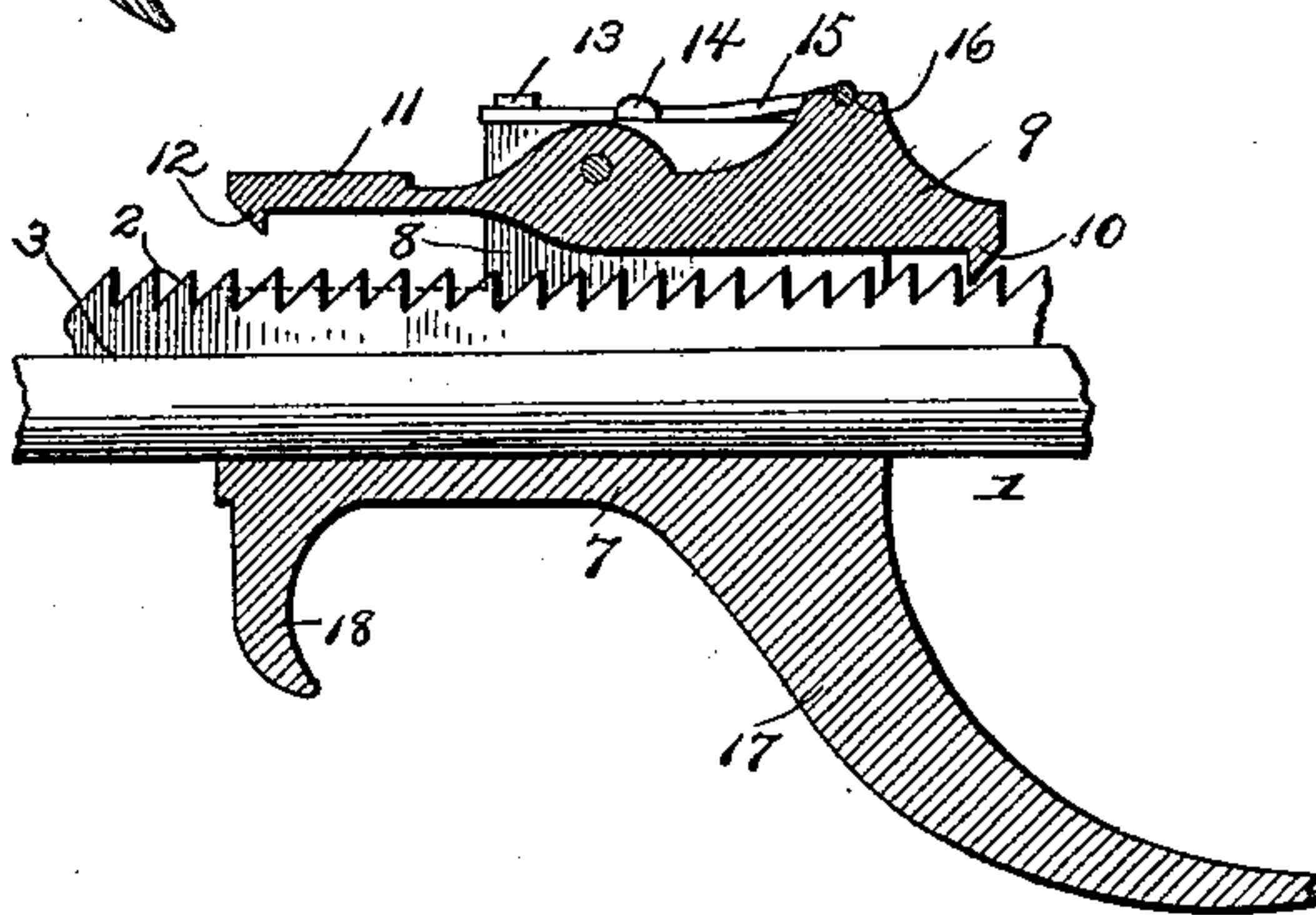


Fig. 6.



Witnesses

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UNITED STATES PATENT OFFICE.

CHARLES L. WALDRON, OF ROUND POND, MAINE.

PLATE OR PAN LIFTER.

SPECIFICATION forming part of Letters Patent No. 481,986, dated September 6, 1892.

Application filed April 16, 1892. Serial No. 429,398. (No model.)

To all whom it may concern:

Be it known that I, CHARLES L. WALDRON, a citizen of the United States, residing at Round Pond, in the county of Lincoln and State of Maine, have invented a new and useful Plate or Pan Lifter, of which the following is a specification.

This invention relates to lifters for plates, pans, basins, platters, dishes, bowls, cups, saucers, &c.; and it consists in the construction and arrangement of the parts thereof, as will be more fully hereinafter described and claimed.

The object of this invention is to provide a device of this character which is positive in its action, simple and effective in its construction and arrangement, strong and durable, easily handled, and readily understood.

In the drawings, Figure 1 is a perspective view of the device, showing a plate in connection therewith. Fig. 2 is a side elevation of the same. Fig. 3 is a top plan view. Fig. 4 is a transverse vertical section on the line *xx* of Fig. 2. Fig. 5 is a similar section on the line *yy* of Fig. 2. Fig. 6 is an enlarged detail sectional view.

Similar numerals of reference indicate corresponding parts in the several views.

Referring to the drawings, the numeral 1 designates a bar or rod having a centrally-located flange 2 on the upper side thereof, which is formed with ratchet-teeth, and by means of the central location of the said flange shoulders 3 are provided at the upper portion of the said bar or rod. At the rear end of the bar or rod is secured a wooden handle 4, and at the front end of the same is a transversely-extending yoke 5, having its ends formed into downward-projecting arms 6, which are curved and converge at their lower ends. On the said bar or rod 1 is mounted a sliding block 7, which takes over the shoulders 3, and said sliding block is provided with a slotted head 8, in which is located a pawl or dog 9, pivoted to the said head. The front end of said pawl or dog is formed with a nose 10, adapted to take into the ratchet-teeth of the flange 2 and hold the sliding block 7 in adjusted position. The rear portion of said pawl or dog is formed with a finger-piece 11,

and below said finger-piece is a nose 12, which may be pressed downward into the ratchet-teeth and prevent backward movement of the said sliding block. On the top portion of the head 8 are guards 13, and at the rear of said heads are formed upwardly-projecting lugs 14. The legs of a U-shaped spring 15 are embraced by the guards 13, and the lugs 14 confine the said legs in position on the head and obviate lateral extension of the same. The bow of the said spring 15 is seated in a slot 16, formed in the forward upper portion of the pawl or dog 9, and the function of the said spring is to normally hold the said pawl or dog in such position that the nose 10 thereof will always be in engagement with the ratchet-teeth of the flange 2. The underside of the forward end of the block 7 is provided with a forwardly-curved arm 17, which is adapted to act in conjunction with the arms 6 of the yoke 5 to take under the edge of the article to be lifted in raising the same. The rear of the sliding block 7, on the underside thereof, is formed with a finger-piece 18, by means of which the said block may be moved on the bar or rod 1 when the nose 10 of the pawl or dog 9 is disengaged from the ratchet-teeth and the flange 2.

This device may be used in connection with any form of dish or receptacle, and when the dish or receptacle is in connection therewith it cannot accidentally become disengaged therefrom, which is owing to the spring forcing the dog or pawl downward into the ratchet-teeth, as aforesaid. To adjust the block 7, the finger is placed on the piece 11 to disengage the pawl or dog, and said block may then be moved or adjusted as desired. The parts of this device entire, with the exception of the handle 4, are to be constructed of suitable metal.

Having thus described the invention, what is claimed as new is—

In a device of the character set forth, the combination of a bar or rod having centrally-located ratchet-teeth thereon, with horizontal shoulders on opposite sides thereof, and a front yoked end with downward-extending curved arms, a sliding block mounted on said bar or rod having a lower curved arm and a

finger-piece and an upper slotted head, a pawl
or dog mounted in said slotted head and hav-
ing a nose at the front and rear portions
thereof, and a spring bearing on the top of
5 said pawl or dog to normally hold the front
nose thereof in engagement with ratchet-
teeth, substantially as described.

In testimony that I claim the foregoing as
my own I have hereto affixed my signature in
the presence of two witnesses.

CHARLES L. WALDRON.

Witnesses:

J. W. GEYER,
L. B. MORTON.