(No Model.)

# C. B. MORGAN.

## SCREW DRIVER.

No. 395,450. Patented Jan. 1, 1889.

Fig. 1.

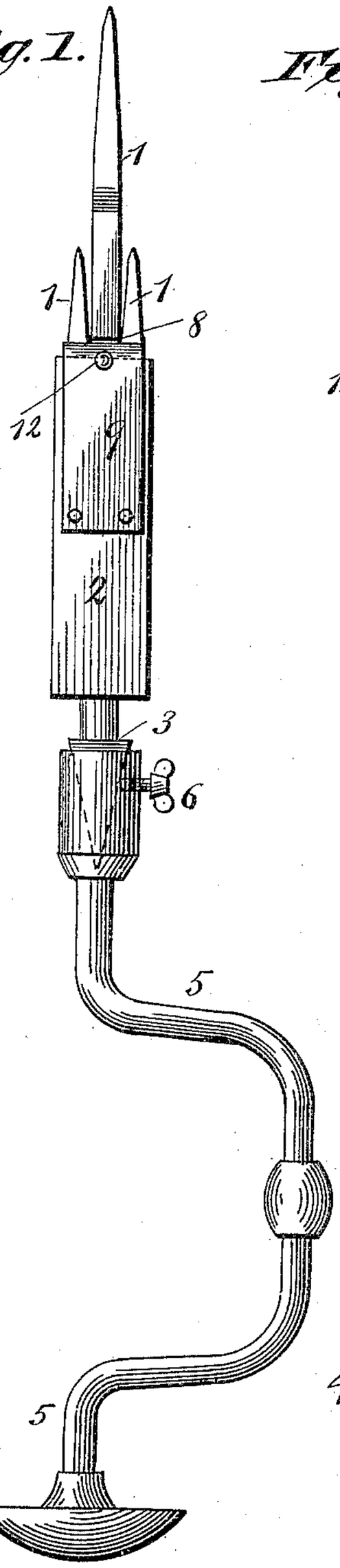



Fig. 2.

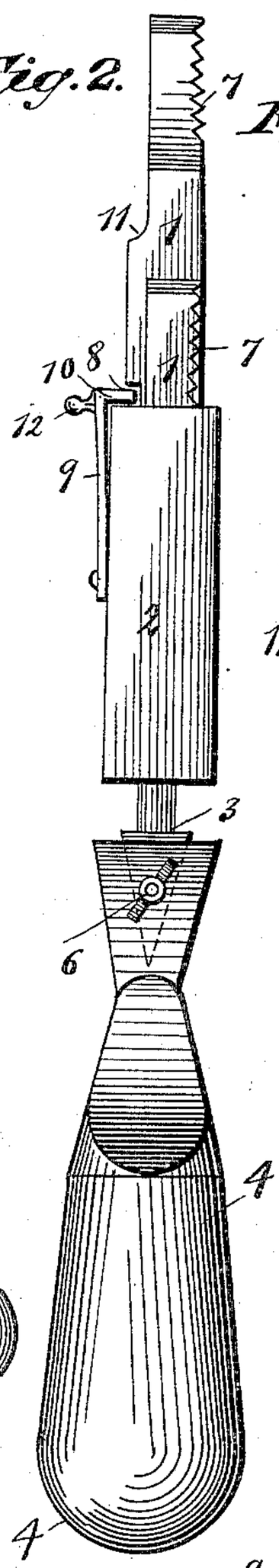



Fig. 3.

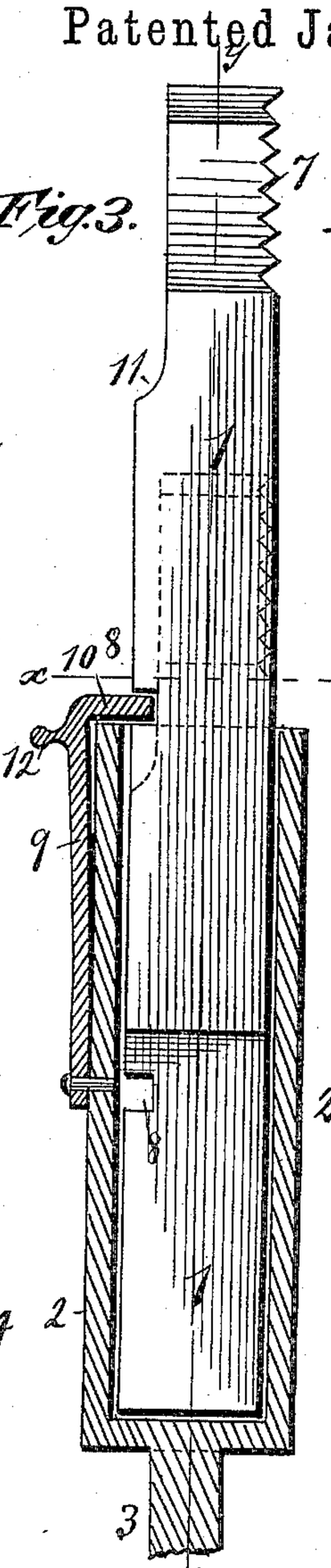



Fig. 4.

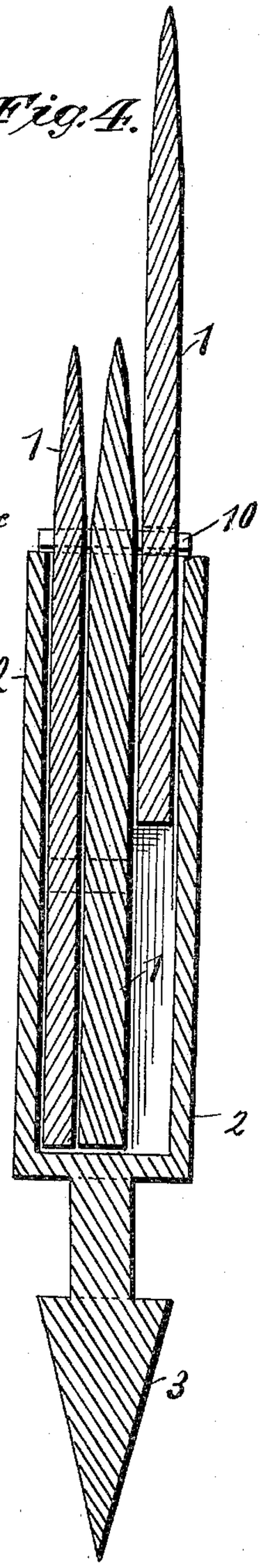
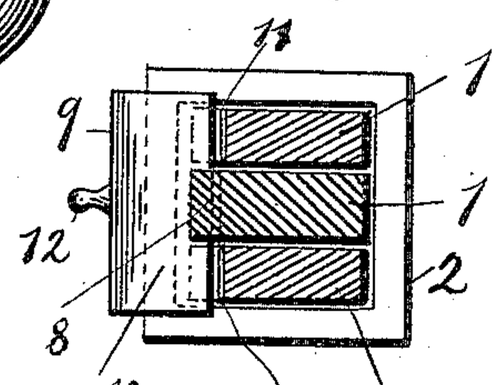



Fig. 5.




WITNESSES:

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# UNITED STATES PATENT OFFICE.

CHARLES B. MORGAN, OF TELLURIDE, COLORADO.

## SCREW-DRIVER.

SPECIFICATION forming part of Letters Patent No. 395,450, dated January 1, 1889.

Application filed March 22, 1888. Serial No. 268,117. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES B. MORGAN, of Telluride, in the county of San Miguel and State of Colorado, have invented a new and Improved Screw-Driver, of which the following is a full, clear, and exact description.

My invention is an improvement in the class of screw-drivers in which a series of notched blocks or bits is held extended from a socket or handle in the position required for use by means of a spring-catch, which takes into notches formed in said bits.

My invention consists in the construction and combination of parts hereinafter described.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate corresponding parts in all the views.

Figure 1 illustrates the invention in position for use. Fig. 2 is a similar view with a different form of handle. Fig. 3 is a vertical section of the bit-casing with shank broken away. Fig. 4 is a transverse vertical section of bit-casing on line *y y* of Fig. 3, and Fig. 5 is a horizontal section on line *x x* of Fig. 3.

In carpentry-work it is found necessary to change one size of screw-driver for another, or in case of a bit being broken to procure another. As carpenters' tools become scattered or misplaced, considerable time is lost in procuring a tool to take the place of another. To obviate this, the following-described device has been devised:

A number of different-sized screw-driver bits, 1, are placed in a casing, 2, formed with a shank, 3, adapted to fit into a correspondingly-shaped socket in a handle—such as handle 4 or brace 5—and secured in place by a set-screw, 6. The upper ends of the bits 1 project out of the casing 2, and are preferably formed with a series of serrations or notches, 7, by means of which a bit may be drawn up in the casing 2 and secured by any suitable means in position for work. As one means for holding a bit in position for work, the following is employed: The bits 1 are formed with a notch, 8, in one edge toward their lower end, and a spring-catch, 9, is fastened to the outside of casing 2, with a bent end, 10, which projects over a beveled shoulder, 11, on the bits 1 when lowered in the casing and not in use, adapting them to be easily drawn out when used without pushing back the spring-catch 9, and the bent end 10 engages the notch 8 in a bit when drawn out into position for use. The spring-catch is released from notch 8 by a knob, 12, thereon. As shown, the casing 2 may be used with different forms of handle. By means of this device one size of screw-driver bit may be readily changed for another, or replaced if a bit has become broken, and different kinds of work requiring different forms of bit can be readily accomplished by simply releasing one bit and dropping it into the casing and drawing forth another bit and securing it in place.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. In a compound screw-driver, the combination, with the detachable casing and its spring-catch 9, of the projecting bits 1 1, having the beveled shoulder 11 and notch 8 on one edge and the serrations 7 on the other, said bits being of greater length than the casing, so that their serrated ends project therefrom, as shown and described.

2. In a screw-driver, the combination of a casing, provided with a shank, 3, and spring-catch 9, and the bits 1, of greater length than the casing, and each provided with a notch, 8, and shoulder 11, substantially as herein shown and described.

CHARLES B. MORGAN.

Witnesses:
JAMES MCWILLIAMS,
THOMAS MCWILLIAMS.