

(No Model.)

D. T. CARE.
SHUTTER WORKER.

No. 597,708.

Patented Jan. 25, 1898.

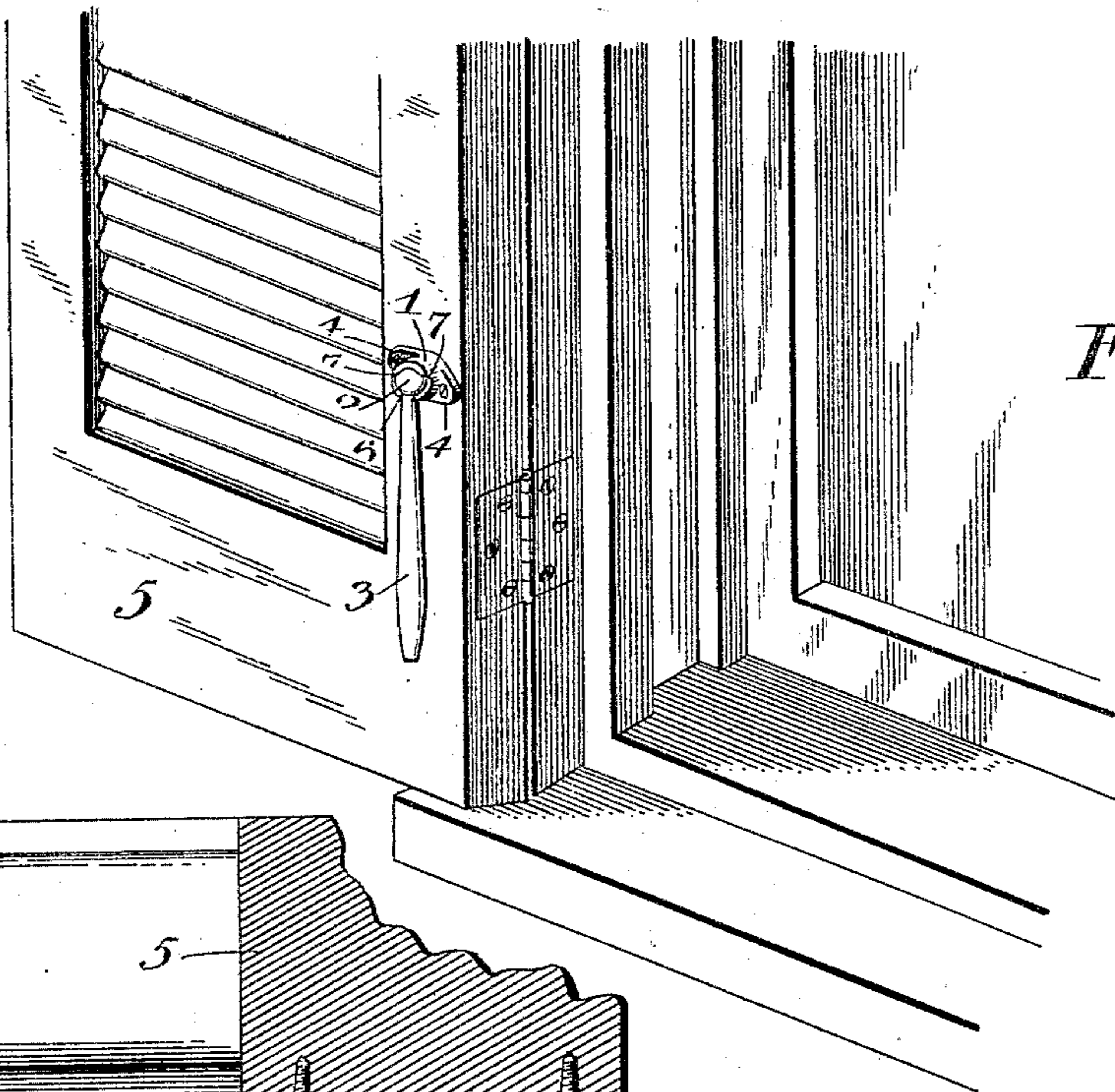


Fig. 1.

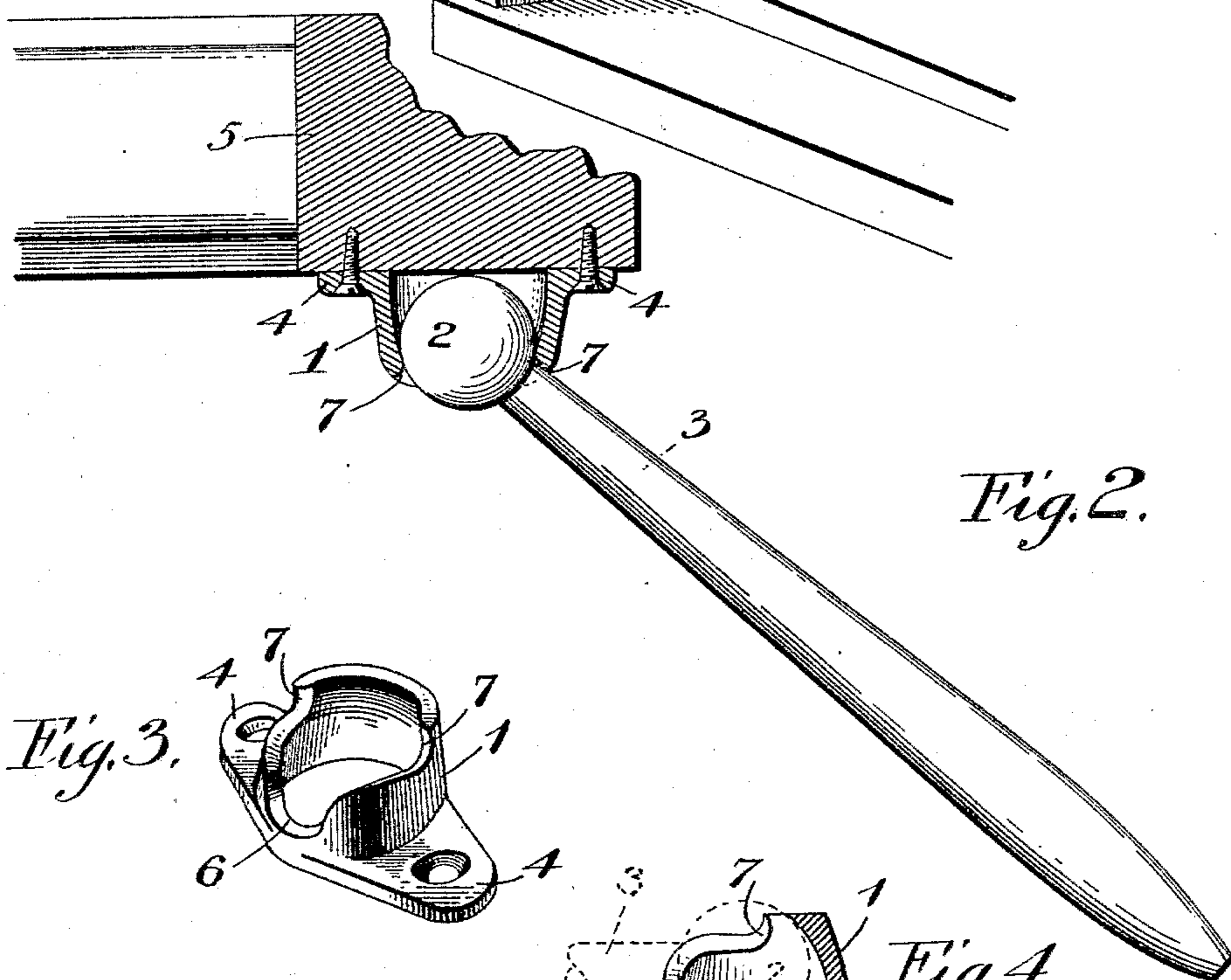


Fig. 2.

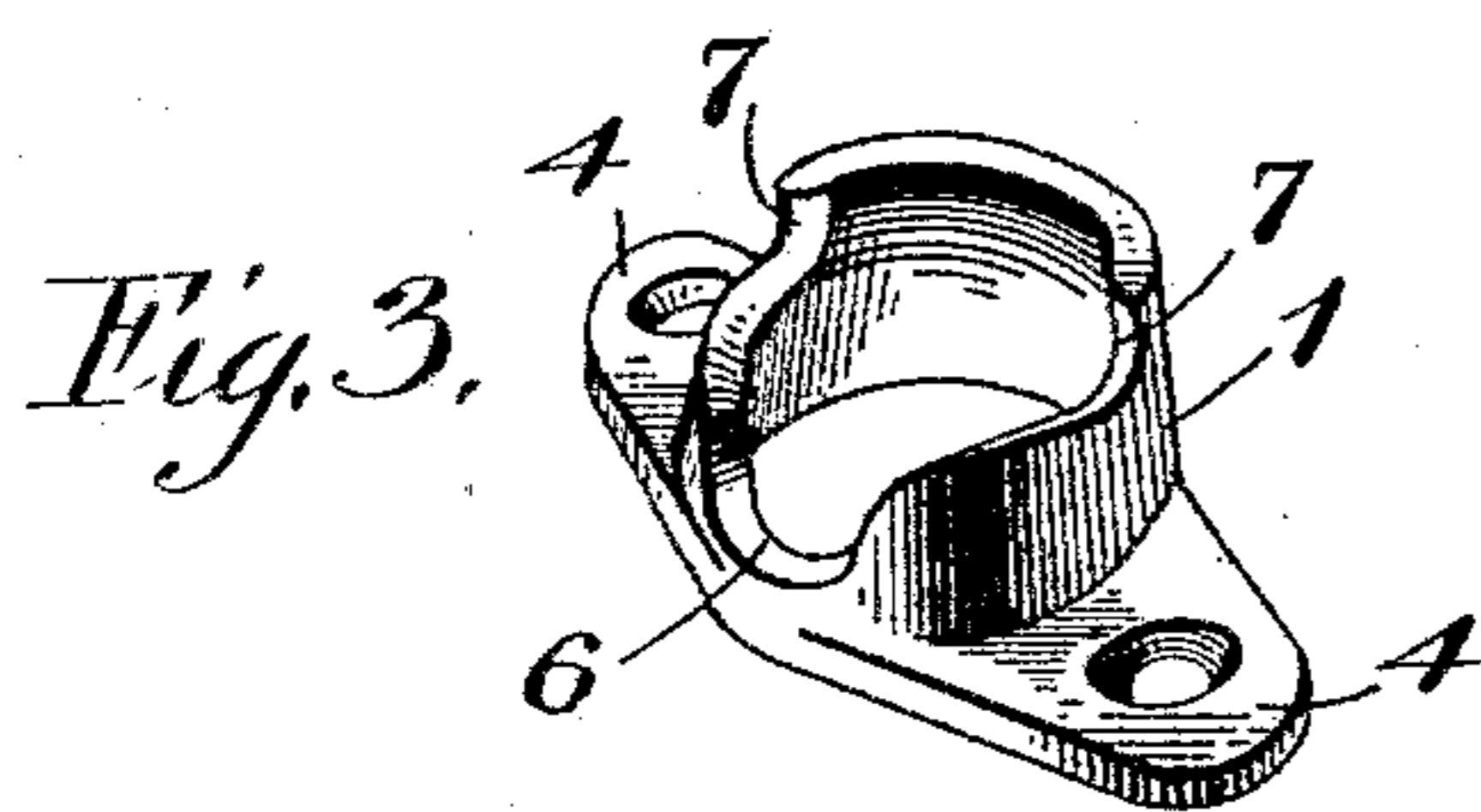


Fig. 3.

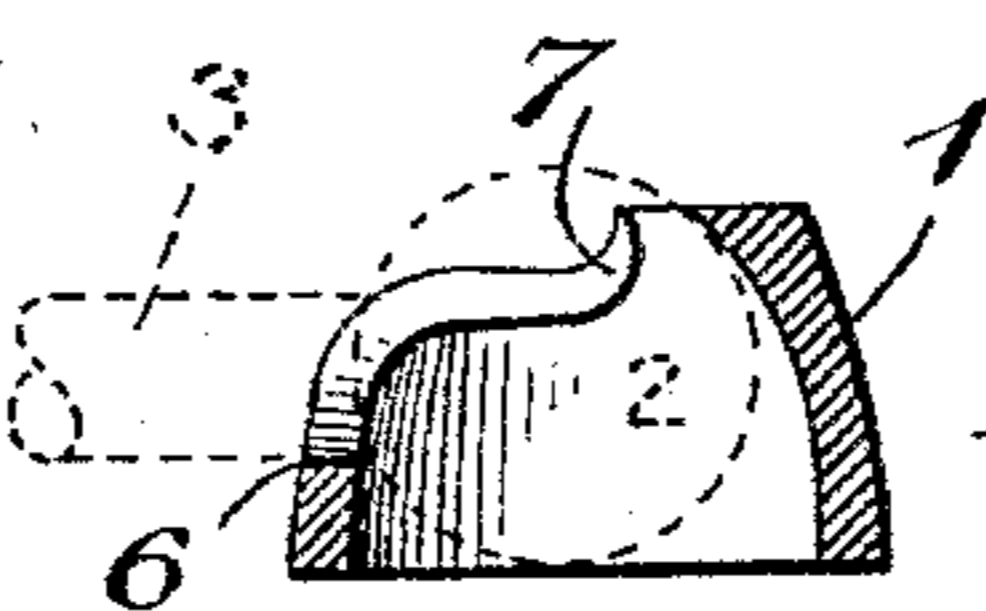


Fig. 4.

Inventor
David T. Care.

Witnesses

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UNITED STATES PATENT OFFICE.

DAVID T. CARE, OF WEST HANOVER, PENNSYLVANIA.

SHUTTER-WORKER.

SPECIFICATION forming part of Letters Patent No. 597,708, dated January 25, 1898.

Application filed August 26, 1897. Serial No. 649,610. (No model.)

To all whom it may concern:

Be it known that I, DAVID T. CARE, a citizen of the United States, residing at West Hanover, in the county of Dauphin and State of Pennsylvania, have invented a new and useful Shutter-Worker, of which the following is a specification.

The invention relates to improvements in shutter-workers.

10 The object of the present invention is to improve the construction of shutter-workers and to provide a simple, inexpensive, and efficient device adapted to be readily applied to a shutter at the inner hinged edge thereof and capable of providing a folding handle for enabling the shutter to be conveniently closed without necessitating the operator leaning out of the window.

20 A further object of the invention is to provide a handle which, when not in use, will lie flat against the outer face of the shutter when the latter is open, so that the device will not be liable to be easily broken.

25 The invention consists in the construction and novel combination and arrangement of parts, as hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto appended.

30 In the drawings, Figure 1 is a perspective view of a shutter-worker constructed in accordance with this invention and shown applied to a shutter, the handle being swung down to its folded position. Fig. 2 is a horizontal sectional view, the handle being in engagement with one of the side notches of the socket. Fig. 3 is a detail perspective view of the socket. Fig. 4 is a detail sectional view of the socket.

40 Like numerals of reference designate corresponding parts in the several figures of the drawings.

1 designates a socket adapted to receive a ball 2 of a handle 3 and provided with perforated ears 4 for the reception of screws or other suitable fastening devices for securing the shutter-worker to the outer face of the shutter 5 adjacent to the hinged edge thereof, as clearly illustrated in Fig. 1 of the accompanying drawings. The socket, which is constructed of suitable metal, is provided at its front with an opening sufficiently large to per-

mit the handle 3 to be readily passed through it from the rear in assembling the parts, and the diameter of the ball 2 is greater than that of the opening of the front of the socket, so that the ball is retained therein to provide a ball-and-socket connection between the handle and the shutter. The bottom of the socket is cut away at 6 to permit the handle to swing downward to a vertical position against the outer face of the shutter, so that it will be out of the way and not liable to be broken when it is not in use.

The handle is adapted to be swung upward to a horizontal position, as illustrated in Fig. 2 of the accompanying drawings, when it is desired to close the shutter, and when in this position it is in engagement with one of a pair of side notches 7, which are located at opposite sides of the socket to adapt the device for use on both right and left hand shutters.

Each notch is slightly beveled or inclined at its lower side and is provided with an upper concave shoulder to be engaged by the handle, and it provides a sufficiently positive engagement to permit the shutter to be readily lifted off the pintles of the hinges if necessary. The handle, when in engagement with the notch, is arranged at an obtuse angle to the shutter and forms a lever sufficient to enable the shutter to be readily closed without necessitating the operator leaning out of the window.

The invention has the following advantages: The shutter-worker is simple, strong, and durable and adapted to be readily applied to either right or left hand shutters, and when not in use it is compactly folded and lies flat against the outer face of the shutter. It is adapted to be readily grasped without leaning out of a window, and the notches at the sides of the socket prevent the handle from slipping in swinging or lifting the shutter.

What I claim is—

A shutter-worker comprising a handle provided at one end with a ball, and a socket designed to be secured to a shutter, receiving the ball of the handle and having an opening at its front, said socket being cut away at its bottom to permit the handle to assume a depending vertical position adjacent to the face of the shutter, and provided at opposite sides

with recesses 7 forming upper concave stops
or shoulders located between the top and bot-
tom of the socket and adapted to be positively
engaged by the handle to hold the latter at
5 an obtuse angle to the shutter and enable the
said handle to be employed for closing the
same and also for lifting a shutter off its
pintles, substantially as described.

In testimony that I claim the foregoing as
my own I have hereto affixed my signature in 10
the presence of two witnesses.

DAVID T. CARE.

Witnesses:

JOHN H. SIGGERS,
HAROLD H. SIMMS.