(No Model.)

J. J. OYAAS.

HANDLE FOR STOVE DAMPERS.

No. 602,644. Patented Apr. 19, 1898.

Fig. 1.

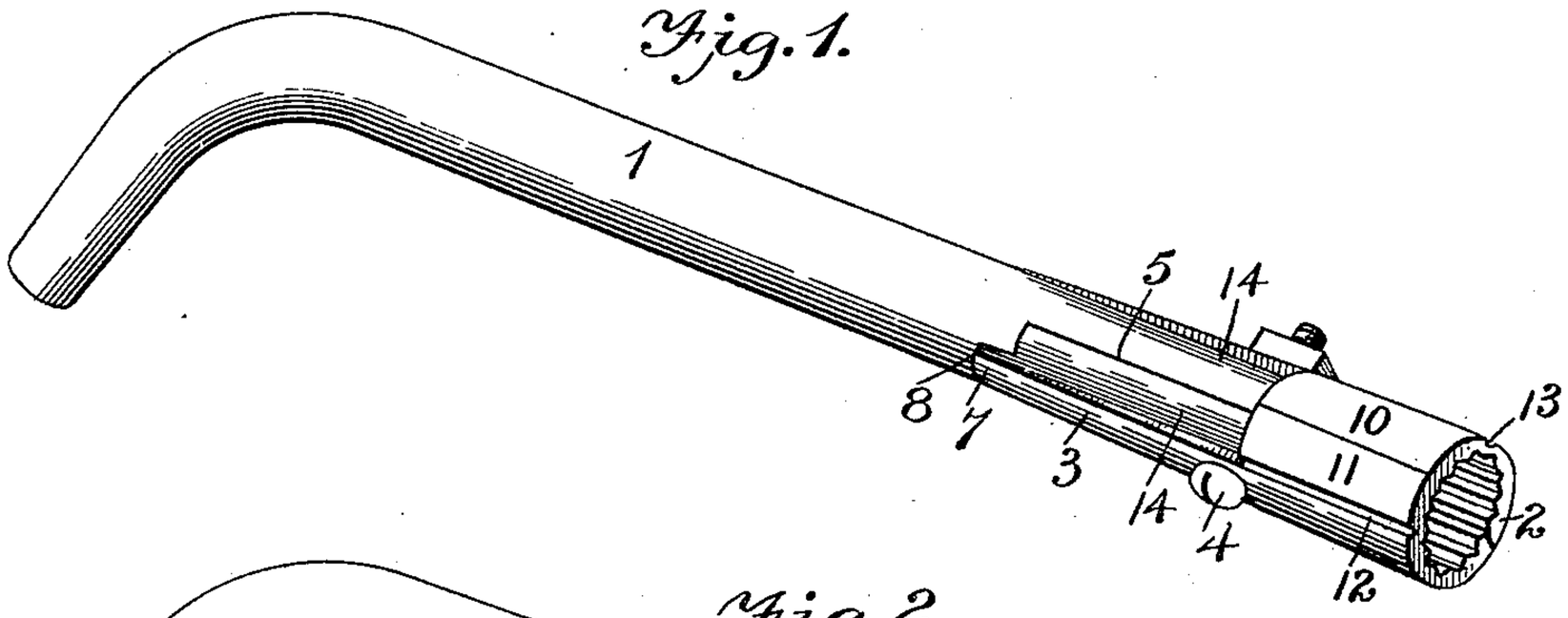


Fig. 2.

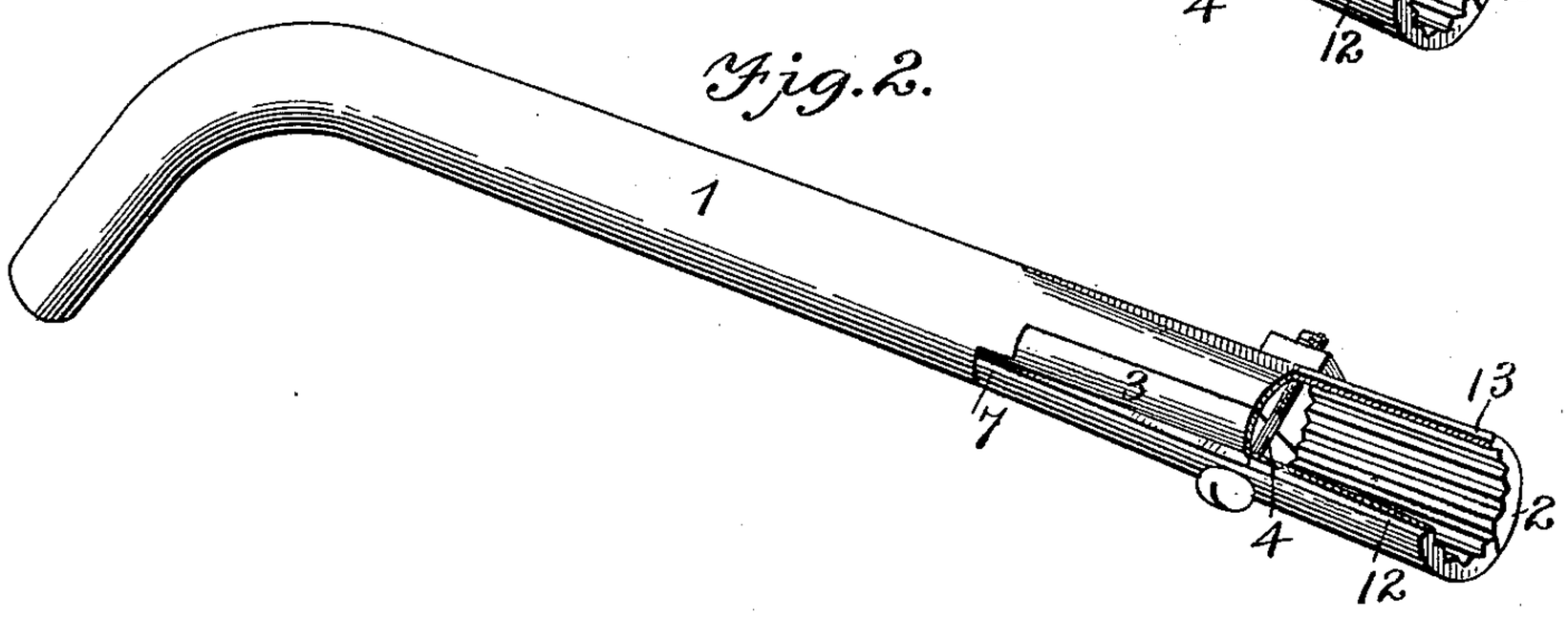


Fig. 3.

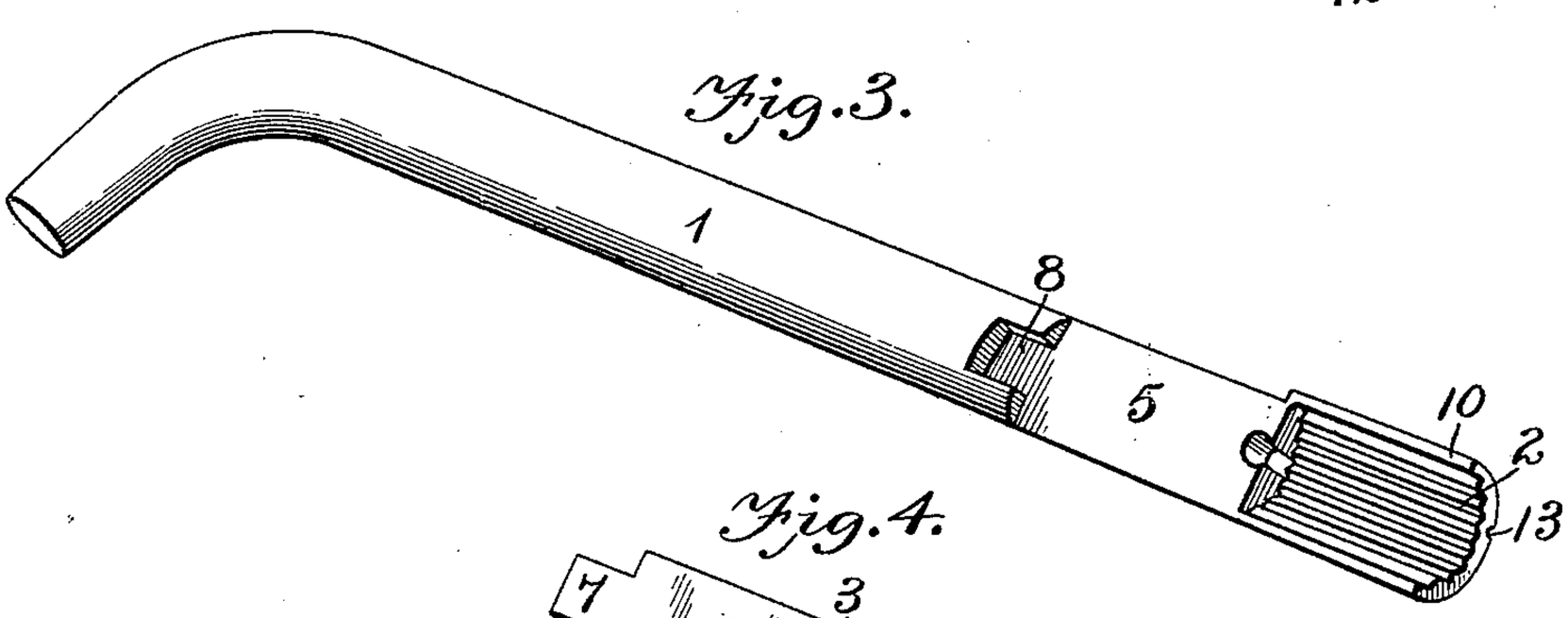
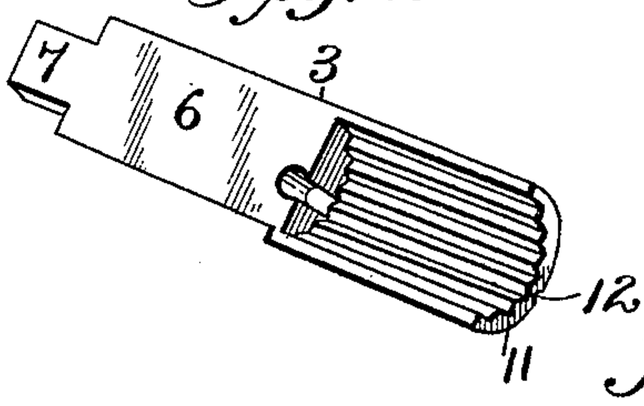


Fig. 4.



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UNITED STATES PATENT OFFICE.

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HANDLE FOR STOVE-DAMPERS.

SPECIFICATION forming part of Letters Patent No. 602,644, dated April 19, 1898.

Application filed March 13, 1897. Serial No. 627,351. (No model.)

To all whom it may concern:

Be it known that I, JOHN J. OYAAS, a citizen of the United States, residing at Eau Claire, in the county of Eau Claire and State of Wisconsin, have invented a new and useful Handle for Stove-Dampers, of which the following is a specification.

The invention relates to improvements in handles for stove-dampers.

It has been found by experience that the handles of stove-dampers often burn off long before the stove wears out, and it is necessary in such cases to take the stove to pieces in order to put in a new damper.

The object of the present invention is to provide a simple and efficient damper-handle adapted to be readily applied to the stump or remaining portion of the handle-rod of a stove-damper after the original handle has burned off without taking the stove to pieces, and thereby save the damper.

A further object of the invention is to provide a handle which will be capable of being applied to those dampers having the handle-rod lying close to the edge of the stove in such a position as to prevent a piece of metal from being interposed between it and the adjacent portion of the stove.

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

In the accompanying drawings, Figure 1 is a perspective view of a damper-handle constructed in accordance with this invention. Fig. 2 is a similar view, the frangible portions of the socket being broken off. Fig. 3 is a perspective view of the handle, the removable plate or section being detached. Fig. 4 is a similar view of the removable plate or section.

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

1 designates a damper-handle provided at its inner end with a sectional socket 2, adapted to receive the handle-rod of a stove-damper when the handle thereof has been burned off. The body portion of the handle is provided with a semisocket, which constitutes one half of the section or socket 2, and a movable plate or section 3 carries the other half of the socket and is secured to the body portion of the handle by a transverse fastening device 4, preferably consisting of a bolt and adapted to clamp the sections of the socket on the handle-rod of a damper.

The body portion of the handle has its inner end reduced and provided with a flat face 5, and the inner portion of the removable plate or section has a corresponding flat face 6 and is provided at its inner end with a projection or lug 7, which engages a notch 8 at the inner end of the reduced portion of the body of the handle. By this construction the plate or section is firmly held in position on the body portion of the handle and is prevented from slipping laterally.

The socket of the handle has its inner face 9 corrugated longitudinally in order to obtain a firm grip on the handle-rod of a stove-damper. It often happens that the handle portion of a stove-damper lies so close to the edge of the other adjacent portion of the stove that it is impossible for a socket to encircle it entirely, as there is insufficient space to permit one side of the socket to be interposed between the rod of the damper and the stove. In order to enable the handle to be applied to such rods, the sections of the sockets are provided with frangible portions 10 and 11, which are connected at their inner and side edges by thin ligaments with the adjacent portions of the socket. The longitudinal ligaments are formed by exterior creases or grooves 12 and 13, and the side or transverse ligaments are produced by an exterior recess 14, and the frangible portions 10 and 11 are adapted to be broken off by a comparatively light blow. The exterior recess 14 reduces the diameter of the handle and enables it to clear a stove and avoid binding.

It will be seen that the handle is simple and efficient, that it is adapted to be clamped to the handle-rods of stove-dampers after the handles thereof have been burned off, and that it will obviate the necessity of discarding a damper and of taking a stove to pieces. Furthermore, it will be apparent that it is adapted to be applied to those handle-rods which lie close to the stove and that the frangible portions of the sockets can be quickly removed.

What is claimed is—

A device of the class described designed to be applied to a stove-damper after the handle thereof has been destroyed and comprising a body portion having a semisocket with a longitudinal frangible portion 10, and a removable section having a semisocket provided with a longitudinal frangible portion 11 arranged contiguous to the frangible portion 10, said body portion and removable section being recessed at 14 adjacent to the inner ends of the frangible portions 10 and 11 to reduce the device and enable the same to clear a stove when the frangible portions are removed, substantially as and for the purpose described.

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

JOHN J. OYAAS.

Witnesses:
OLE O. AANSTAD,
T. B. KEITH.