

J. F. Brewer,

Tool Handle,

Nº 85,425,

Patented Dec. 29, 1868.

Fig 1.

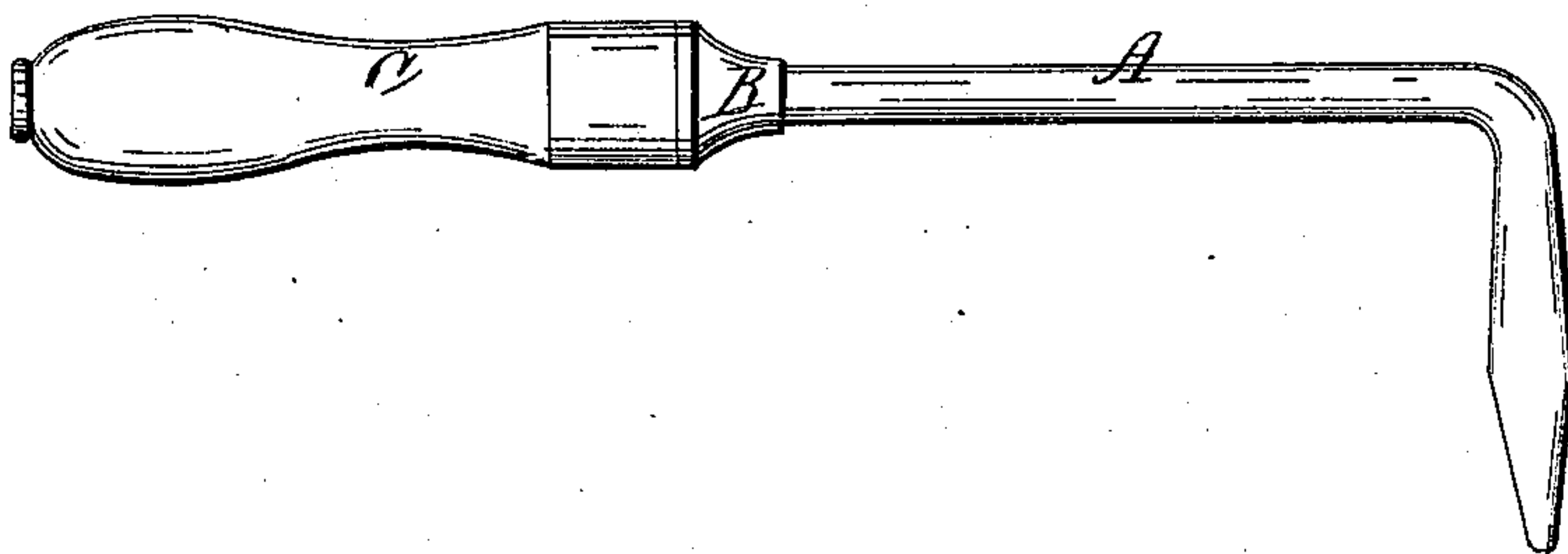


Fig 2.

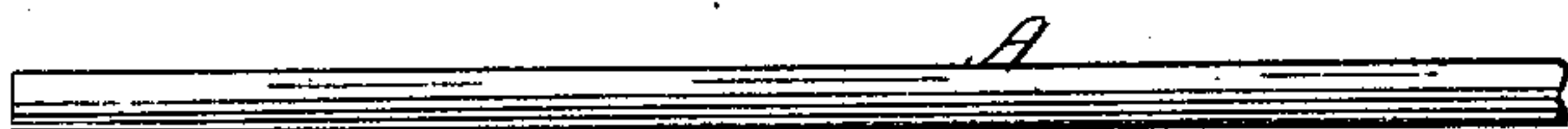
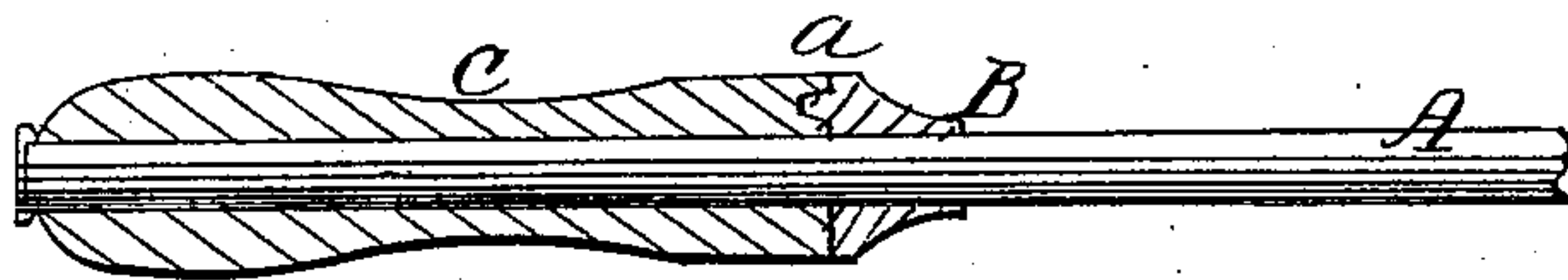


Fig 3.



Witnesses:

John W. Shumway
a J. Debits

Inventor:

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By his Attorney.

John E. Early

United States Patent Office.

JAMES F. BREWER, OF PLANTSVILLE, CONNECTICUT.

Letters Patent No. 85,425, dated December 29, 1868.

IMPROVEMENT IN POKER.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, JAMES F. BREWER, of Plantsville, in the county of Hartford, and State of Connecticut, have invented a new Improvement in Pokers; and I do hereby declare the following, when taken in connection with the accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in

Figure 1, a side view.

Figures 2 and 3, sectional views, showing my improvement.

This invention relates to an improvement in the construction of pokers or cover-lifters, such as are used on common stoves or ranges, and consists in the peculiar manner of attaching and securing the handle thereto; and in order to the better understanding of my invention, as well as to enable others to construct the same, I will proceed to a description, in accordance with the accompanying drawings.

A rod, of wrought metal, A, as seen in fig. 2, is placed in a mould, previously prepared, wherein, at one point, at the proper distance from one end of the rod, a cavity is formed, corresponding to the shape desired for a metallic neck, B.

Into this mould is poured cast-metal, which flows into the cavity around the rod, and, shrinking, adheres firmly thereto, as seen in fig. 3.

Upon the upper side of the neck, I form, in the casting, a projecting pin or point, *a*, as seen in fig. 3.

Removed from the mould, one end of the rod is

formed as for a poker, as seen in fig. 1, or for a lifter, as the case may be.

Over the other end is placed a wood handle, *c*, bored through, so as to pass on to the rod, and driven on the pin *a*, so that the handle sets hard down upon the neck B, as seen in figs. 1 and 3.

Then, the end of the rod, projecting through the handle, is riveted down, as seen in figs. 1 and 3, so as to prevent the removal of the handle.

Thus the handle is sustained by the rod, which forms the instrument, extending the handle, and therefore can, by no probability, become loosened thereon.

I have described the collar as cast upon the rod, and this I believe to be the better way, but it may be cast separate from and shrunk on to the rod.

I do not wish to be understood as broadly claiming the casting of a neck or socket upon an instrument to receive the handle, as such is common and well known; but having thus fully described my invention,

What I claim as new and useful, and desire to secure by Letters Patent, is—

As an improved article of manufacture, the herein-described poker, consisting of the wrought-metal rod A, having the neck B cast thereon, and the said rod extending through the said neck, so as to receive and support the handle, all in the manner described.

JAMES F. BREWER.

Witnesses:

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