

(No Model.)

G. H. FULLER.
MANUFACTURE OF JEWELERS' FINDINGS.

No. 286,601.

Patented Oct. 16, 1883.

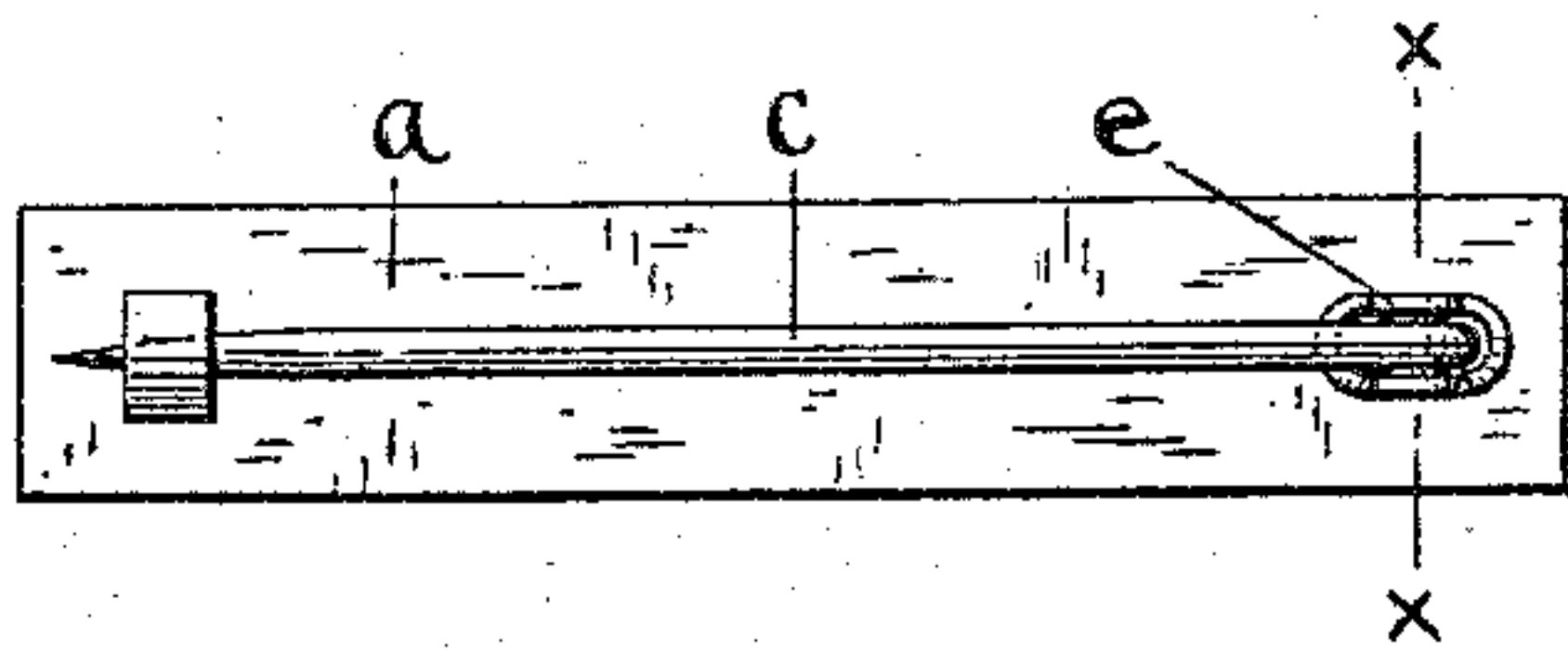


FIG. 1.

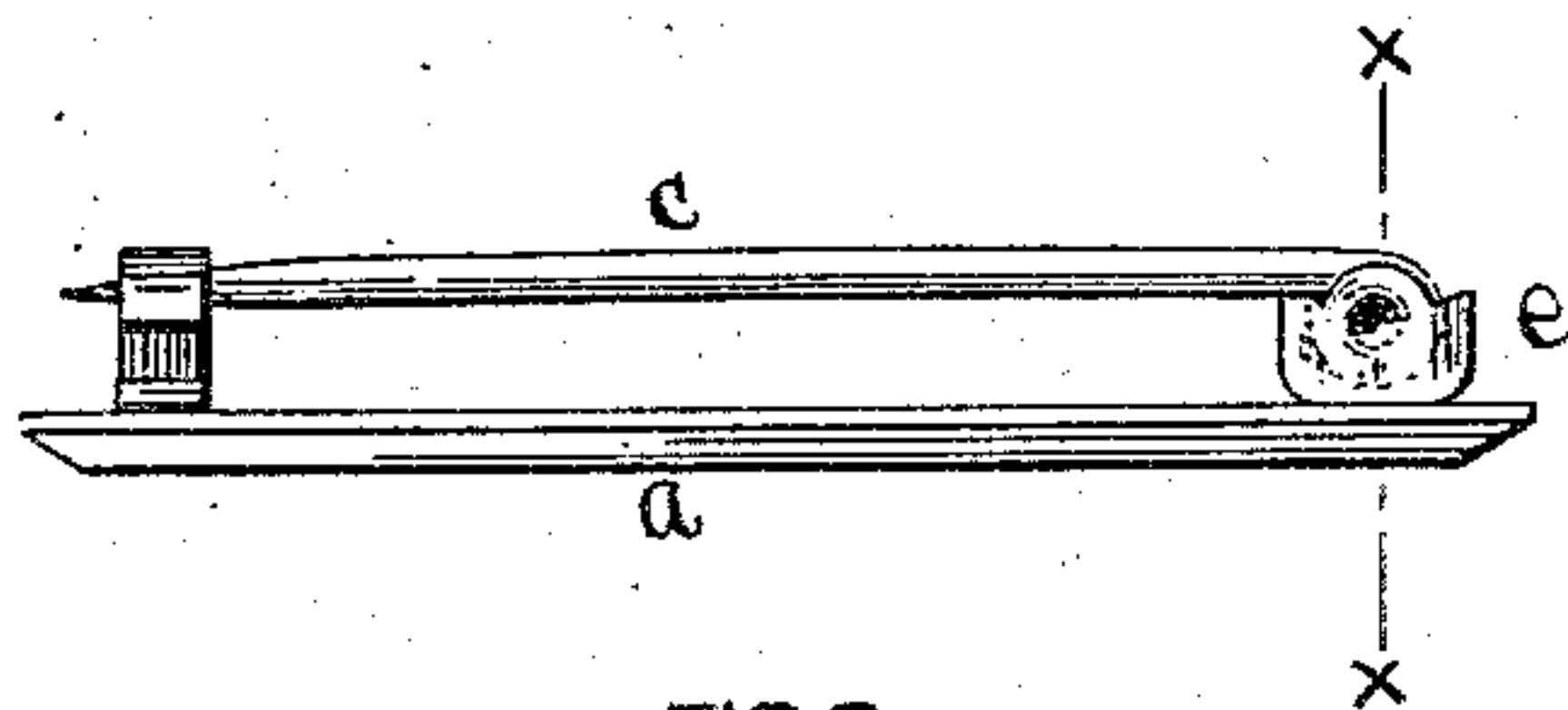


FIG. 2.

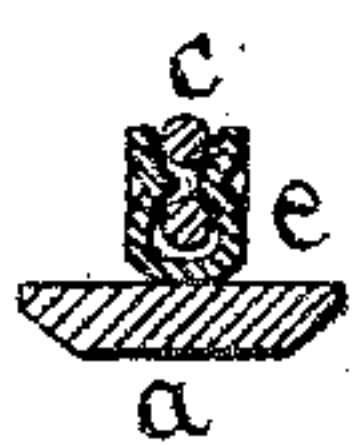


FIG. 3.



FIG. 4.

WITNESSES.

George W. Barnfield
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FIG. 5.

INVENTOR.

George H. Fuller
By his Attorney,
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UNITED STATES PATENT OFFICE.

GEORGE H. FULLER, OF PAWTUCKET, RHODE ISLAND.

MANUFACTURE OF JEWELERS' FINDINGS.

SPECIFICATION forming part of Letters Patent No. 286,601, dated October 16, 1883.

Application filed February 26, 1883. - (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. FULLER, of Pawtucket, in the county of Providence and State of Rhode Island, have invented certain
5 Improvements in the Manufacture of Jewelers' Findings, of which said invention the following is a specification.

My said invention relates to an improved joint for pins and other similar articles of jewelry manufacture; and it consists of a metallic
10 cup the bottom of which is soldered to the pin-plate, and the sides of which hold the pin-stem.

The accompanying drawings are hereby made
15 part of this specification, similar letters of reference thereon indicating corresponding parts.

Figure 1 of said drawings is a bottom view of the combined cup-joint, pin-stem, and pin-plate. Fig. 2 is a side elevation of the combined parts shown in Fig. 1. Fig. 3 is a front
20 sectional elevation of the same on the line *xx* of Figs. 1 and 2. Fig. 4 shows the pin-stem and loop. Fig. 5 is a perspective of the cup-joint.

25 *a* is the pin-plate, *c* the pin-stem, and *e* the cup-joint. The cup *e* is designed to take the place of the raised shoulders usually used to hold the looped end of the pin-stem, and gives to the completed pin solidity and strength not
30 otherwise obtained. This cup may be cut from a single piece of any suitable material, and may be stamped or pressed into the required form by any of the well-known means. It is then secured to the pin-plate, as shown
35 in Figs. 1, 2, 3, the open end or mouth of the cup being uppermost. The bent end or loop of the pin-stem is then laid into the mouth of the cup and fastened therein.

I am aware that the pin-stem has heretofore been held in the joint by means of an inserted
40 pivot, and also by the prick-punching device, by which the indentations of the sides of the joint form a scarf on which the pin-stem may rock; but the objects of and attained by my said
45 invention are, first, a stronger and more durable joint, in that its sides are solidly held together by the continuous metallic back and front, which, with said sides, form the cup aforedescribed; second, a cheaper and more rapid
50 process of manufacture, in that I dispense altogether with the threaded protuberance by which the common ear-joints have been screwed into the pin-plate, the cup form of my joint giving to it sufficient strength without this
55 addition to it; third, a joint in which the pin will work with perfect freedom, the closed and solid sides of the cup preventing the solder and other foreign substances from getting into the joint to clog or obstruct its intended use.

I claim as my invention and desire to secure
60 by Letters Patent—

1. In the manufacture of jewelers' findings and other similar articles, the cup-joint *e*, formed or pressed into the desired shape from a single piece of stock, substantially as and for
65 the purposes and uses shown and described.

2. A jeweler's pin formed by the combination of the pin-plate *a*, the pin-stem *c*, and the cup-joint *e*, all in the manner and for the purposes substantially as set forth.

GEO. H. FULLER.

Witnesses:

GEORGE W. BARNEFIELD,
JOSEPH H. PAINE.