

J. F. Adams.

Gold Leaf Condenser.

Nº 90,062

Patented May 18, 1869.

Fig. 2

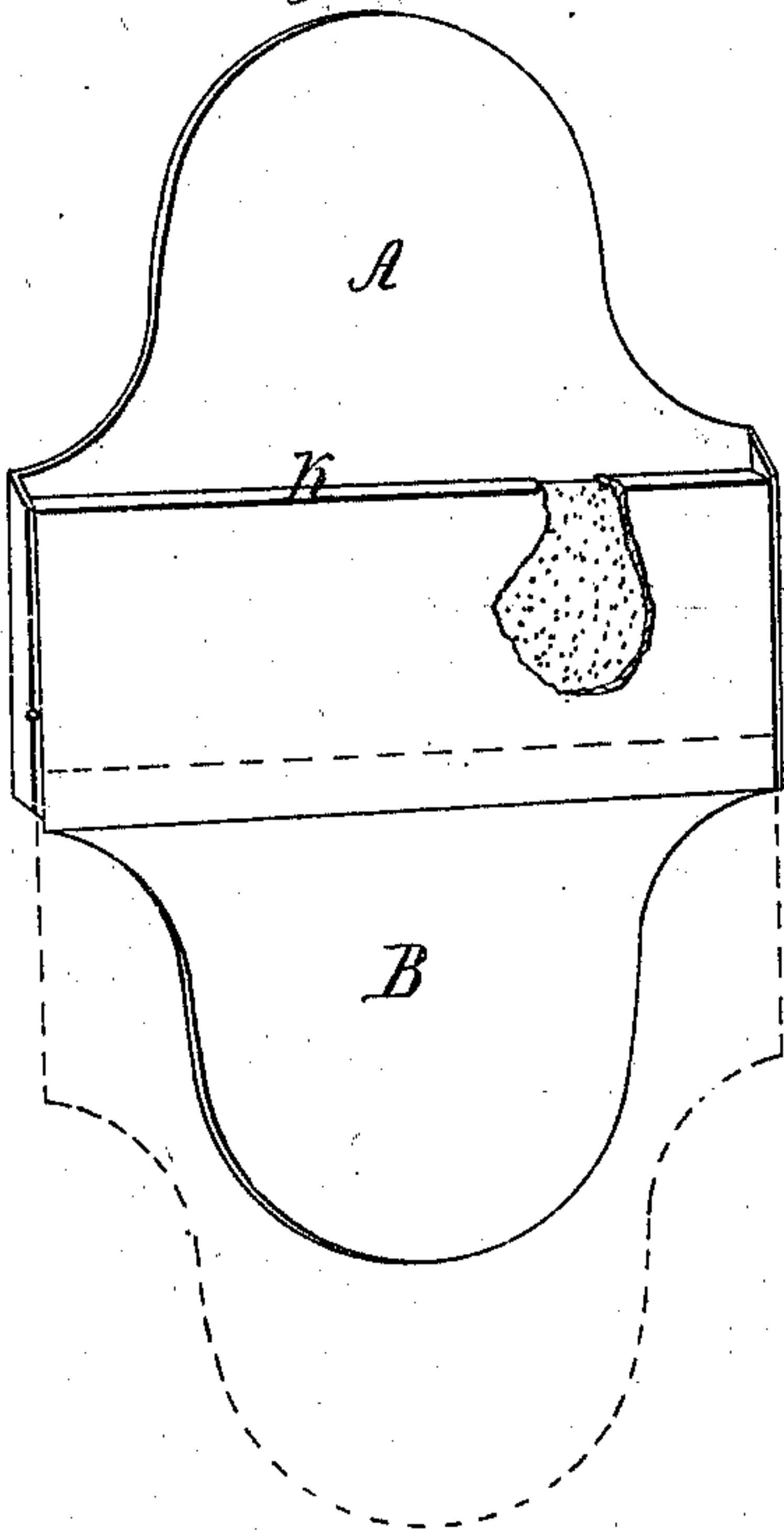


Fig. 3

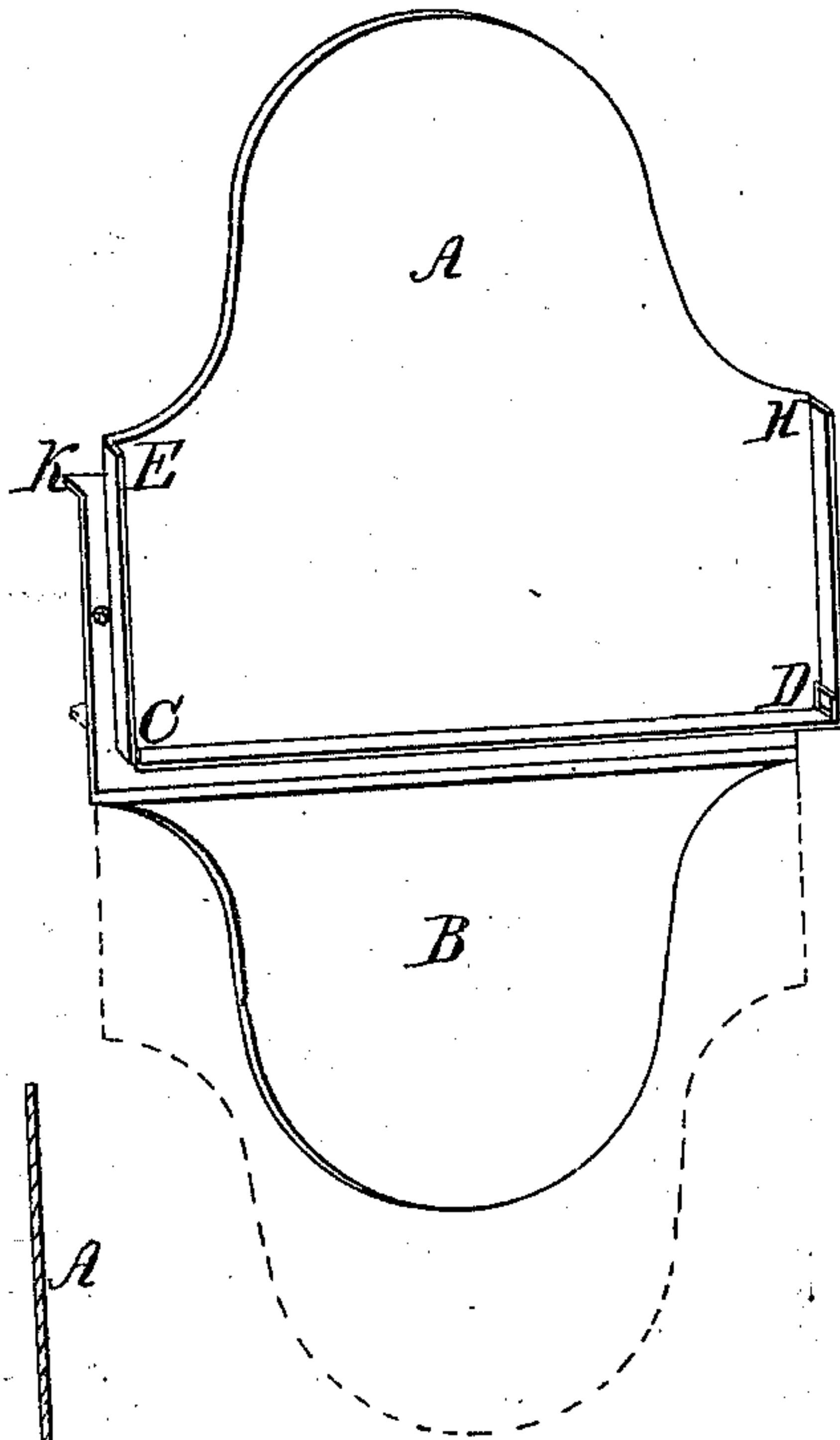


Fig. 1

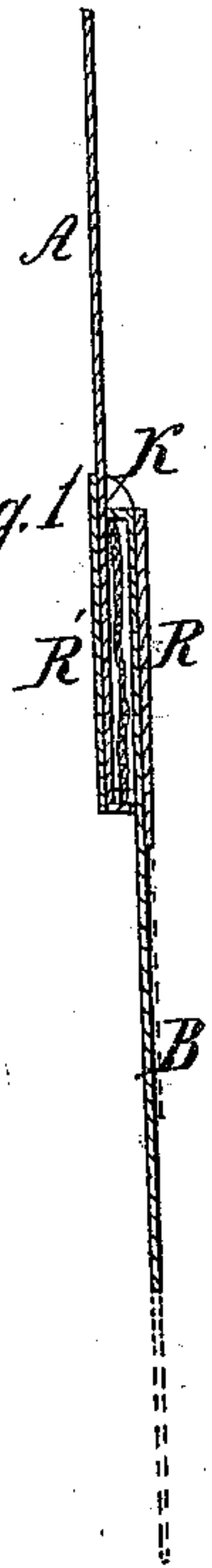
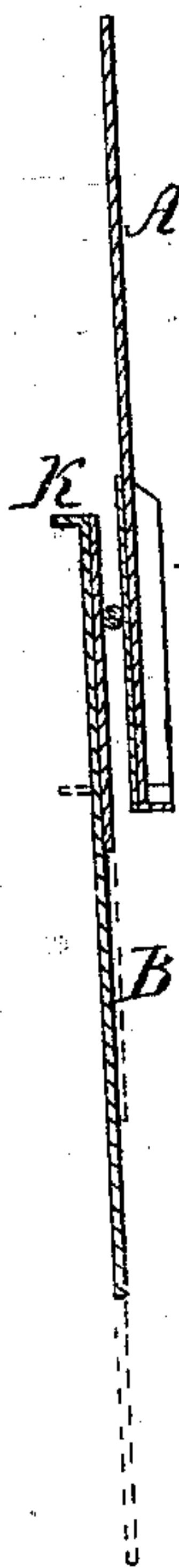


Fig. 4



Witnesses

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JOHN F. ADAMS, OF WORCESTER, MASSACHUSETTS.

Letters Patent No. 90,062, dated May 18, 1869.

IMPROVED GOLD-LEAF CONDENSER.

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, JOHN F. ADAMS, of the city and county of Worcester, and State of Massachusetts, have invented certain new and useful Improvements in Gold-Leaf "Condensers;" and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

To enable others skilled in the art to make and use my invention, I will proceed to describe its nature, construction, and use.

The nature of my invention consists in forming, of tin, or other suitable material, two small "workers," one of which serves to hold the gold-leaf and the other to draw it up into a loose bar, preparatory to rolling. Both "workers," when reversed, serve as rolling-tablets, being provided with a coating of thin rubber to facilitate the process.

Drawings.

Figure 1 is a longitudinal section through both of the "workers," showing the gold-leaf between them.

Figure 2 shows the workers as they appear in the process of drawing the leaf into a loose bar.

Figures 3 and 4 show the "workers" as they appear in the process of rolling the bar of "leaf" into a compact wire.

One of the workers A has its edge turned up, as shown in fig. 3, by H D, D C, and C E, thus forming

a flat pan, into which the gold-leaf is first placed, as shown in fig. 2.

The other "worker," B, has one edge, K, turned up.

Both "workers" are provided with a thin coat of rubber, or some other suitable material, which is attached to the back, as represented by R R', fig. 1.

To use my implement, I proceed as follows:

The leaf is spread out on the pan of the "worker" A; then the worker B is placed over it, as represented in figs. 1 and 2. Now, if A is held stationary and B drawn down, as represented by dotted lines in figs. 1 and 2, the leaf will be gathered up into a bar between the edge K of B and the edge C D of A. This loose bar is then removed and placed upon the back of one of the "workers," and is rolled down by manipulating the other, as indicated in figs. 1, 3, and 4.

This completes the process, and the gold-leaf is condensed ready for use.

Claim.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

The "leaf"-condenser, as a new article of manufacture, when the same consists of the two "workers" A B, made substantially as described and for the purpose set forth.

JOHN F. ADAMS.

Witnesses:

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