

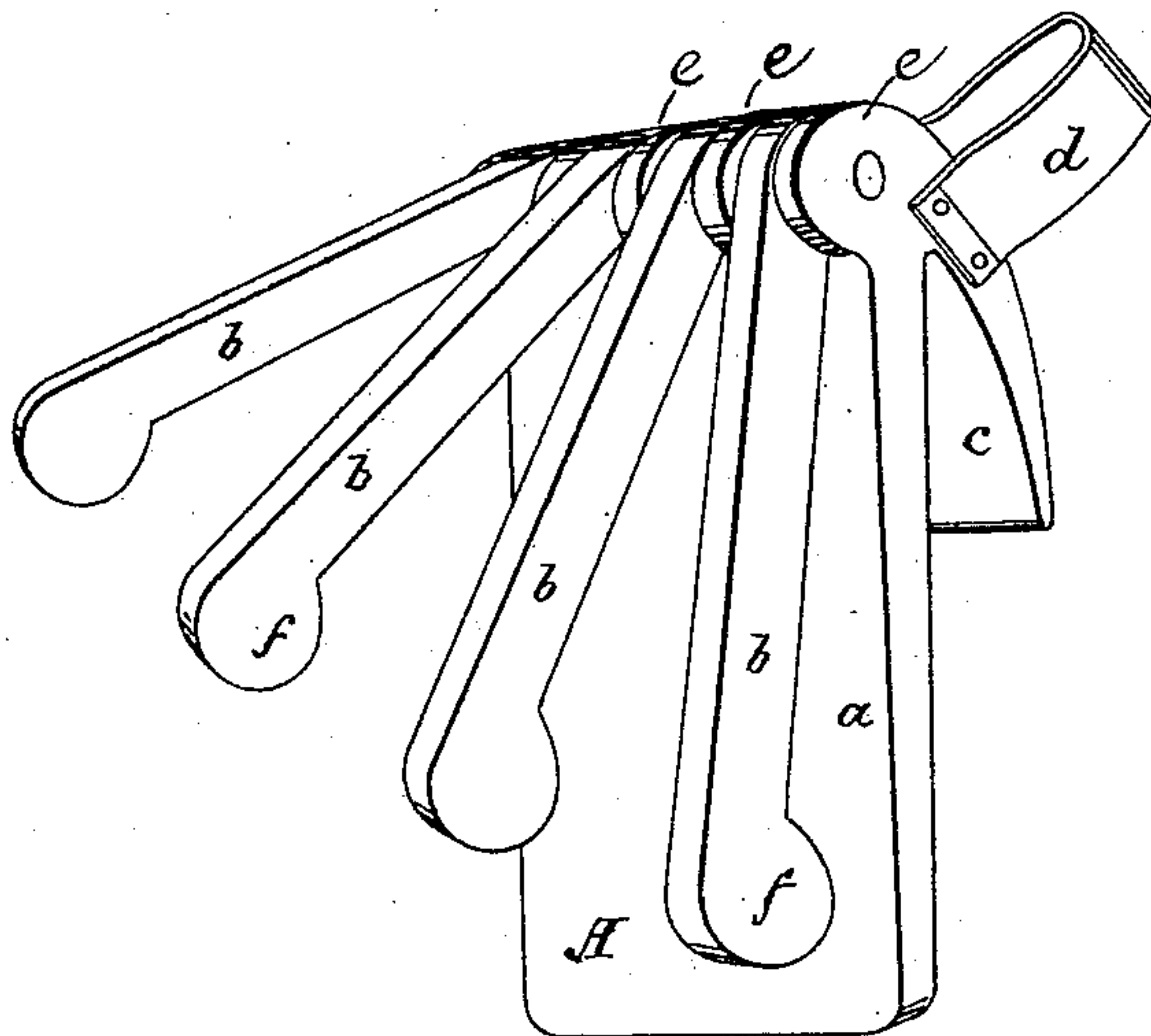
(No Model.)

E. T. ZELTNER & F. SCHENK.  
CASTANET.

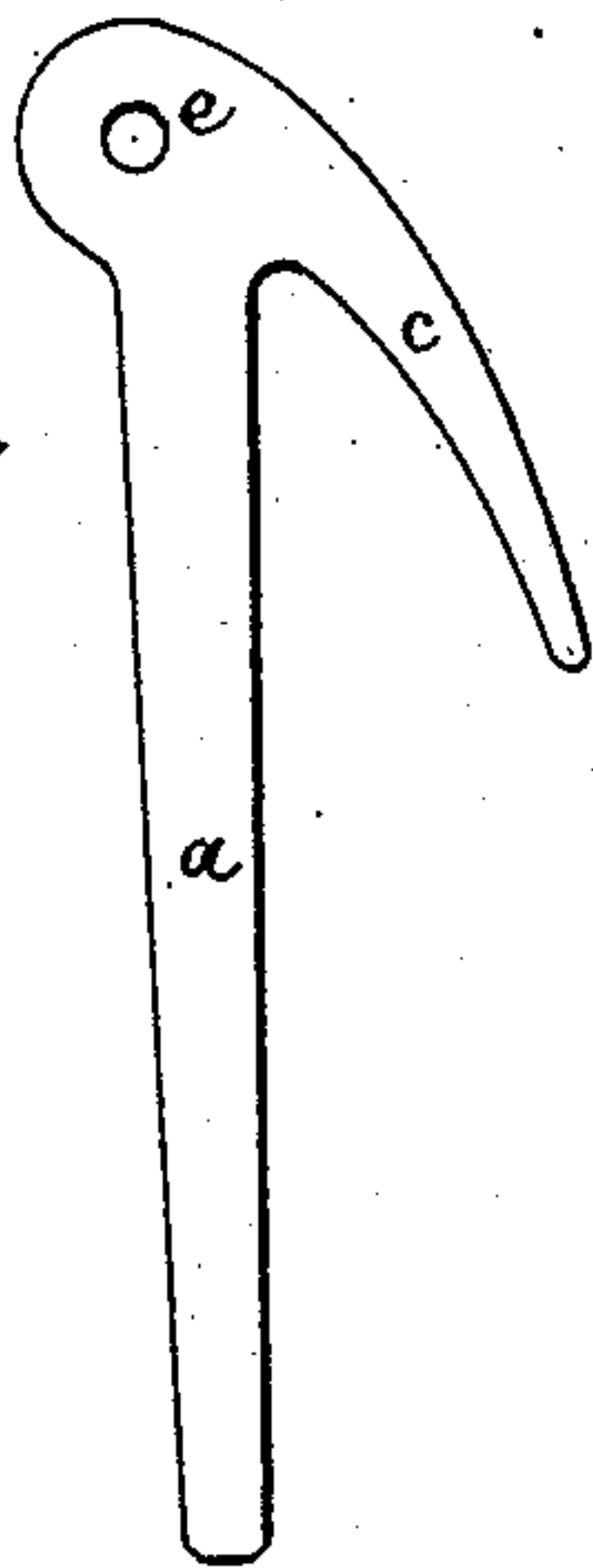
No. 283,550.

Patented Aug. 21, 1883.

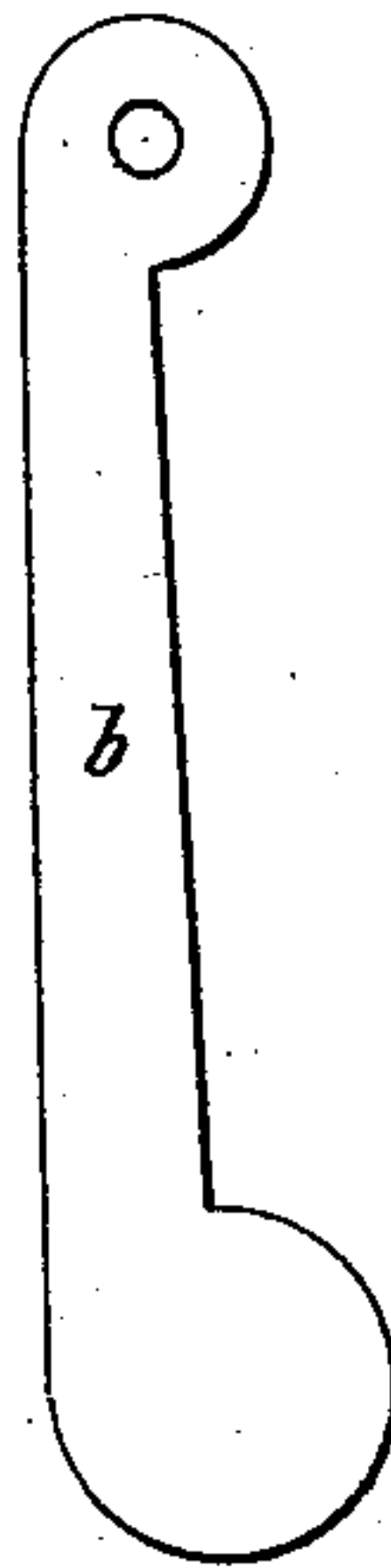
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses:

*Alfred Dehneke*  
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Inventor.

*Ernst T. Zeltner*  
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# UNITED STATES PATENT OFFICE.

ERNST T. ZELTNER AND FREDERIK SCHENK, OF HOBOKEN, NEW JERSEY.

## CASTANET.

SPECIFICATION forming part of Letters Patent No. 283,550, dated August 21, 1883.

Application filed April 21, 1883. (No model.)

*To all whom it may concern:*

Be it known that we, ERNST T. ZELTNER and FREDERIK SCHENK, both of Hoboken, in the county of Hudson and State of New Jersey, have invented a new and Improved Castanet, of which the following specification is a full, clear, and exact description.

This invention relates to a new castanet, which may be easily handled, and which enables the operator to play with great rapidity and to produce a great variety of effects.

The invention consists, principally, in the combination of a sounding-board with a strap, an insulator, and clappers which play against the sounding-board; also, in the details of construction hereinafter more fully set out.

In the accompanying drawings, Figure 1 represents a perspective view of our improved castanet. Fig. 2 is a side view of the combined sounding-board and insulator thereof, and Fig. 3 a side view of one of the clappers.

Similar letters of reference indicate corresponding parts in all the figures.

The letter A represents our improved castanet. It is composed, essentially, of three parts—a combined sounding-board and insulator, the clappers, and a strap for attachment to the hand of the operator.

The sounding-board *a* is a plate of suitable dimensions, to one end of which the clappers *b* are pivoted, and against the other end of which said clappers are thrown by the fingers of the operator, as hereinafter described. The sounding-board *a* is made in one piece, with an upwardly and backwardly curved attachment, *c*, which we term the "insulator," and which is provided with a strap, *d*, as shown, through which the hand of the operator may be slipped.

The clappers *b* are pivoted between circular projections *e e* of the plate *a*, which serve to hold them in a parallel position. The free ends of the clappers are made with enlarged heads *f*, which play against the sounding-board *a* to produce the sound.

In operation the instrument is held with the clappers downward, and the hand of the operator is passed under the strap *d*, and laid upon the insulator *c*. The fingers are curved around the end of the sounding-board *a*, so that each of the four fingers rests directly under one of the four clappers *b*. If the pressure of the hand is slightly relaxed, the clappers will by their gravity swing downward, and by then moving the ends of the fingers upward in any desired order or with varying force the instrument may be played in any desired manner.

Our improved castanet may be made of hard wood or other suitable material.

We claim as our invention—

1. A castanet composed of the sounding-board *a*, insulator *c*, clappers *b*, and strap *d*, substantially as specified.

2. A castanet composed of the sounding-board *a*, insulator *c*, clappers *b*, strap *d*, and projections *e e*, between which the clappers are pivoted, substantially as specified.

3. A castanet composed of the sounding-board *a* and insulator *c*, the clappers *b*, having enlarged heads *f*, and the projections *e e* and strap *d*, substantially as specified.

ERNST T. ZELTNER.  
FREDERIK SCHENK.

Witnesses:

ALFR DEHMCKE,  
GUSTAV BREHM.