

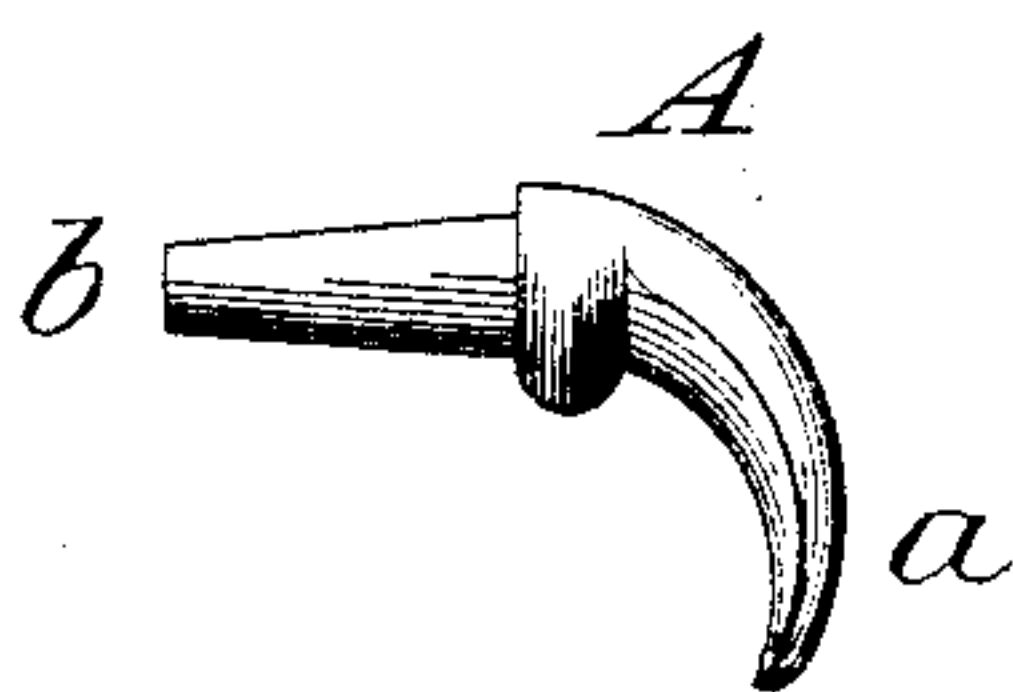
(No Model.)

E. T. CASS.  
VIOLIN.

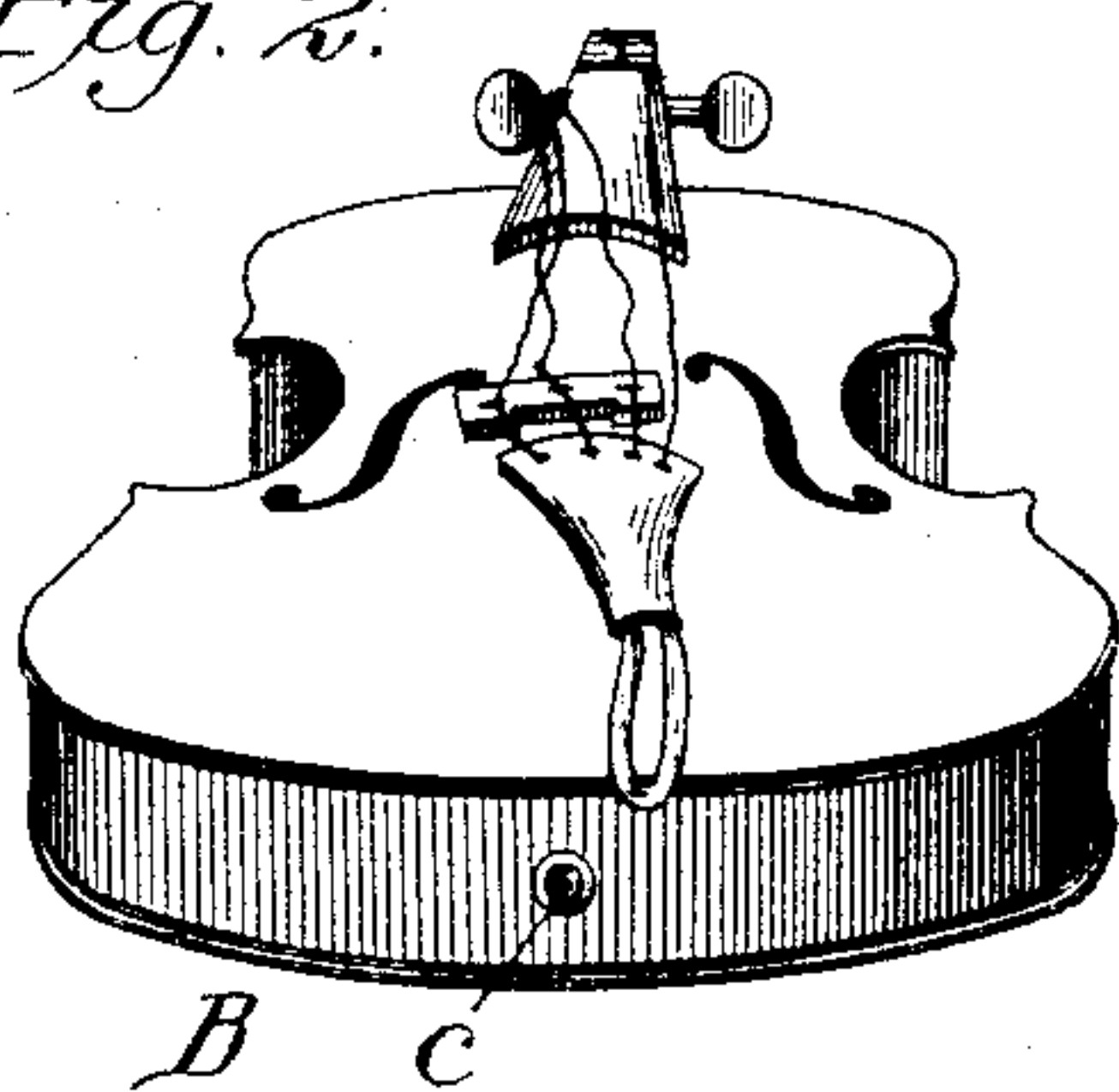
No. 539,574.

Patented May 21, 1895.

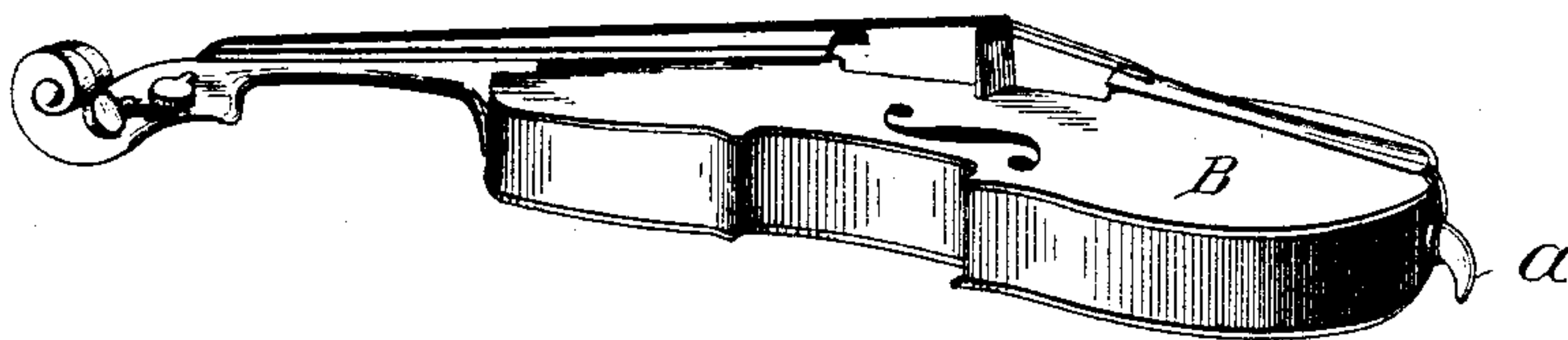
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Witnesses.*

*Maud Montagne Joffe*  
*Fredrick S. Weaver*

*Inventor.*

*Edwin T. Cass*

# UNITED STATES PATENT OFFICE.

EDWIN T. CASS, OF WHITEWATER, WISCONSIN.

## VIOLIN.

SPECIFICATION forming part of Letters Patent No. 539,574, dated May 21, 1895.

Application filed February 23, 1895. Serial No. 539,499. (No model.)

*To all whom it may concern:*

Be it known that I, EDWIN T. CASS, a citizen of the United States, residing at the city of Whitewater, in the county of Walworth and State of Wisconsin, have invented a new and useful Improvement in Violins, of which the following is a specification.

My invention relates to improvements in all kinds of violins, and the object thereof is to provide a violin which can be easily held in position by a person while playing upon it. I attain this object by substituting for the usual end-pin an adjustable end-pin, having a spur projecting downward from the end, which forms a button for the tail-piece string, and also a hook, by means of which the violin can be easily fastened to some part of the clothing of the person while playing, and thus be prevented from slipping or drawing out of position, as illustrated in the accompanying drawings, in which—

Figure 1 is an adjustable end-pin, made to take the place of the usual violin end-pin, and having a spur to form a button and hook. Fig. 2 is a view of a violin with the end-pin removed, showing the opening in the larger end of the violin to receive the end-pin. Fig. 3 is a view of a violin with my improvement attached by putting it in the place of the end-pin.

Similar letters refer to similar parts throughout the several views.

The end-pin A Fig. 1 having a shank *b* and spur *a* forming a button and hook, is attached to the large end of the violin B, Fig. 2, by inserting the shank *b* in the hole *c*, making a violin with a hook on the larger end, as shown at Fig. 3.

If desired, the hook A may be made without the shank *b*, and may be attached to the violin by gluing or riveting or in any other manner, but I prefer to attach it in the manner described, because it makes a firm, convenient and cheap fastening.

In using the violin, the hook may be inserted in the shirt-collar, necktie, coat-collar, &c., and may be adjusted to suit the convenience or caprice of the player by turning the point of the spur to the right or left of the center of the violin.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A violin end-pin having a shank *b*, and a spur *a*, substantially as set forth and described.

EDWIN T. CASS.

Witnesses:

I. U. WHEELER,  
M. M. TRIPPE.