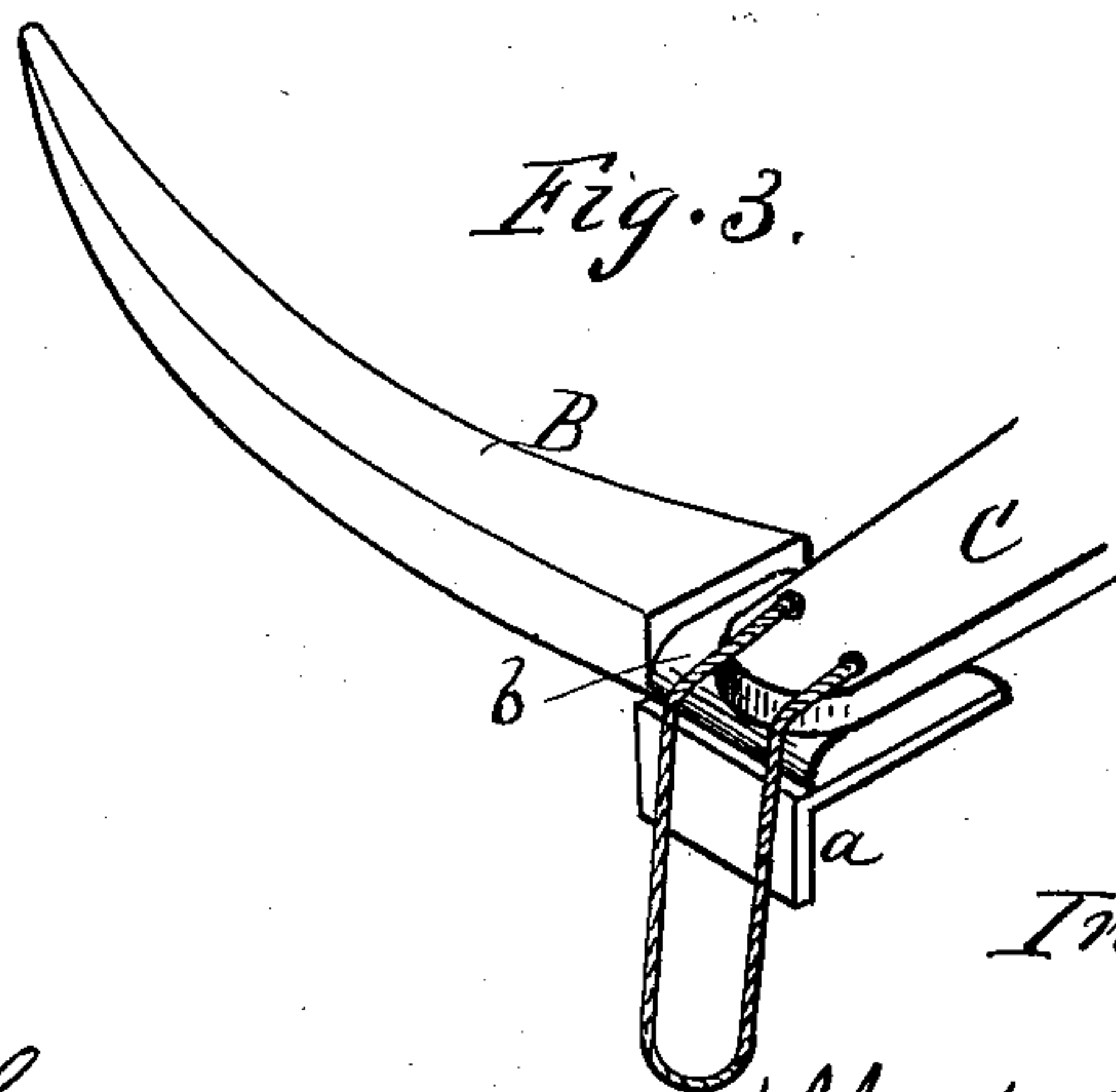
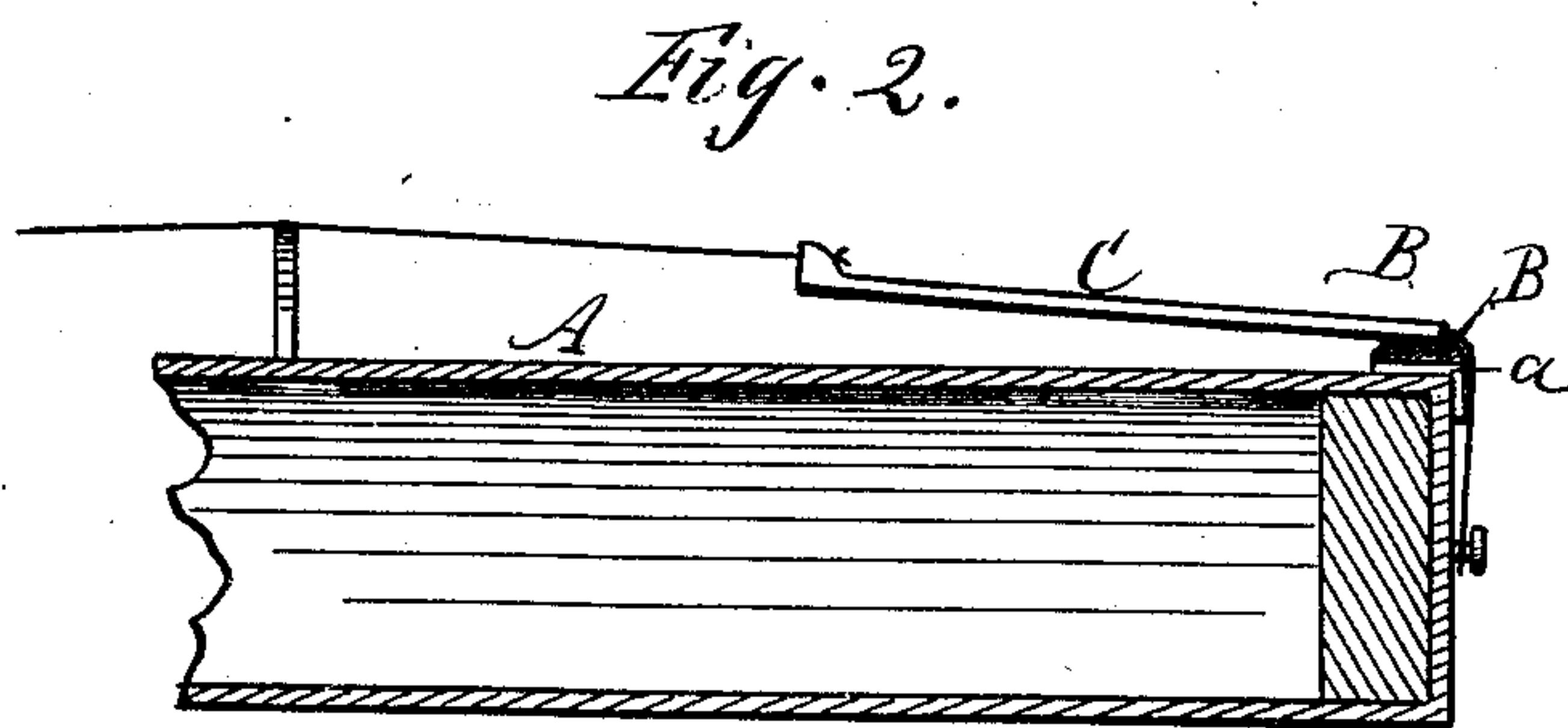
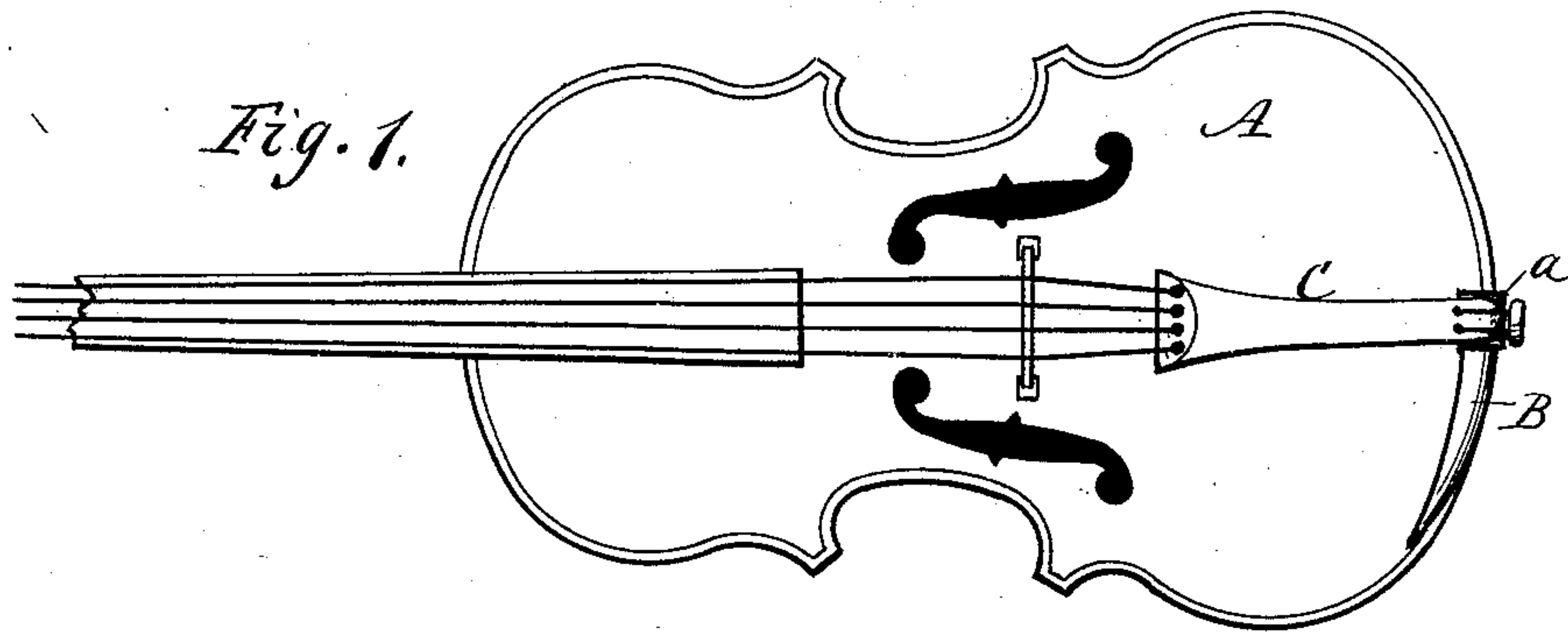


(No Model.)

A. HANSON.
CHIN REST FOR VIOLINS.

No. 367,001.

Patented July 19, 1887.



Attest.
P. A. Costich
John N. Hopkins

Inventor.
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Atty.

UNITED STATES PATENT OFFICE.

ALBERT HANSON, OF HUDDERSFIELD, COUNTY OF YORK, ENGLAND, AS-
SIGNOR TO WILLIAM PILLING, OF NEW YORK, N. Y.

CHIN-REST FOR VIOLINS.

SPECIFICATION forming part of Letters Patent No. 367,001, dated July 19, 1887.

Application filed December 1, 1886. Serial No. 220,367. (No model.) Patented in England October 28, 1885, No. 12,942.

To all whom it may concern:

Be it known that I, ALBERT HANSON, of 18 Imperial Arcade, New Street, Huddersfield, Yorkshire, England, have invented a certain new and useful Improvement in Chin-Rests for Violins; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the drawings accompanying this application.

My improvement relates to chin-rests for violins.

Chin-rests in violins are attached in a variety of ways, usually by a metal screw, which renders it difficult of application and injures the tone more or less, and it is liable to get out of order.

Most chin-rests also bear upon some resonant part of the violin and more or less interfere with the free and clear vibrations of the same, and to that extent injure its tones. My invention is intended to obviate these defects; and it consists in a chin-rest provided with a bearing-flange projecting below the general surface of the said chin-rest, and adapted to bear only on a part of the violin which has little or no resonance, the said flange having a right-angled or bent extension reaching down against the rear end of the violin; and the invention further consists in the combination, with the said projecting flange, of the chin-rest having a notch or rabbet in the upper side of its bearing part adapted to receive the rear end of the tail-piece of the violin, whereby the tail-piece is made to hold the chin-rest in proper position upon the violin in connection with the flange and its downward extension, all substantially as hereinafter set forth.

In the drawings, Figure 1 is a plan view of a violin provided with my improvement. Fig. 2 is an enlarged sectional view of same. Fig. 3 is a perspective view of the chin-rest with the end of the tail-piece resting thereon.

A indicates a violin, and B the chin-rest. The latter is of curved form, or of such other form as will adapt it to extend over top of the base end of the violin near the edge, and in form to fit the chin of the musician when the instrument is in use.

To the rear end of the chin-rest is attached a right-angled flange, *a*, one end of which projects downward over the edge of the violin, as shown. This flange serves as a stop or shoulder to keep the chin-rest in place and

from slipping inward. It projects from the general surface of the lower side of the chin-rest, so that it alone bears on the violin, and only on that part of the violin which is directly over and to the rear of the stay-piece, which is in the rear end of every violin under the tail-piece, and consequently the part which has no resonance when tones are produced on the violin. The chin-rest touches the body of the violin only by this flange, and consequently does not interfere with the tones of the violin. Other means have before been made use of to effect this result, but by constructions essentially unlike mine. The chin-rest is also provided with a notch, rabbet, or mortise, *b*, in which rests the end of the tail-piece C.

This device is held in place by the pressure of the tail-piece on top, said tail-piece being held down by the tension of the strings. To apply the chin-rest, it is only necessary to slip it under the tail-piece, with the flange *a* resting against the end of the violin. It is more easily applied and more effective in use than the ordinary chin-rest having a screw.

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

1. A chin-rest for a violin, provided with a flange projecting from the general surface thereof, and having an angular downward extension, substantially as herein described, the said flange serving as the sole bearing portion of the chin-rest, and adapted to bear only upon a non-resonant part of the violin, for the purposes herein specified.

2. A chin-rest for a violin, provided with an angular flange projecting from the general surface of the same, adapted to furnish the sole bearing-surface upon the violin, and with a notch, rabbet, or mortise in its upper surface over the bearing-flange, adapted to receive the tail-piece of the violin for holding the chin-rest in position upon the violin, substantially as herein specified.

In witness whereof I have hereunto set my hand this 18th day of October, A. D. 1886.

ALBERT HANSON.

In presence of—

C. W. WHITMAN,
U. S. Consular Agent.

THOMAS H. BARRON,
Market Place, Huddersfield.