

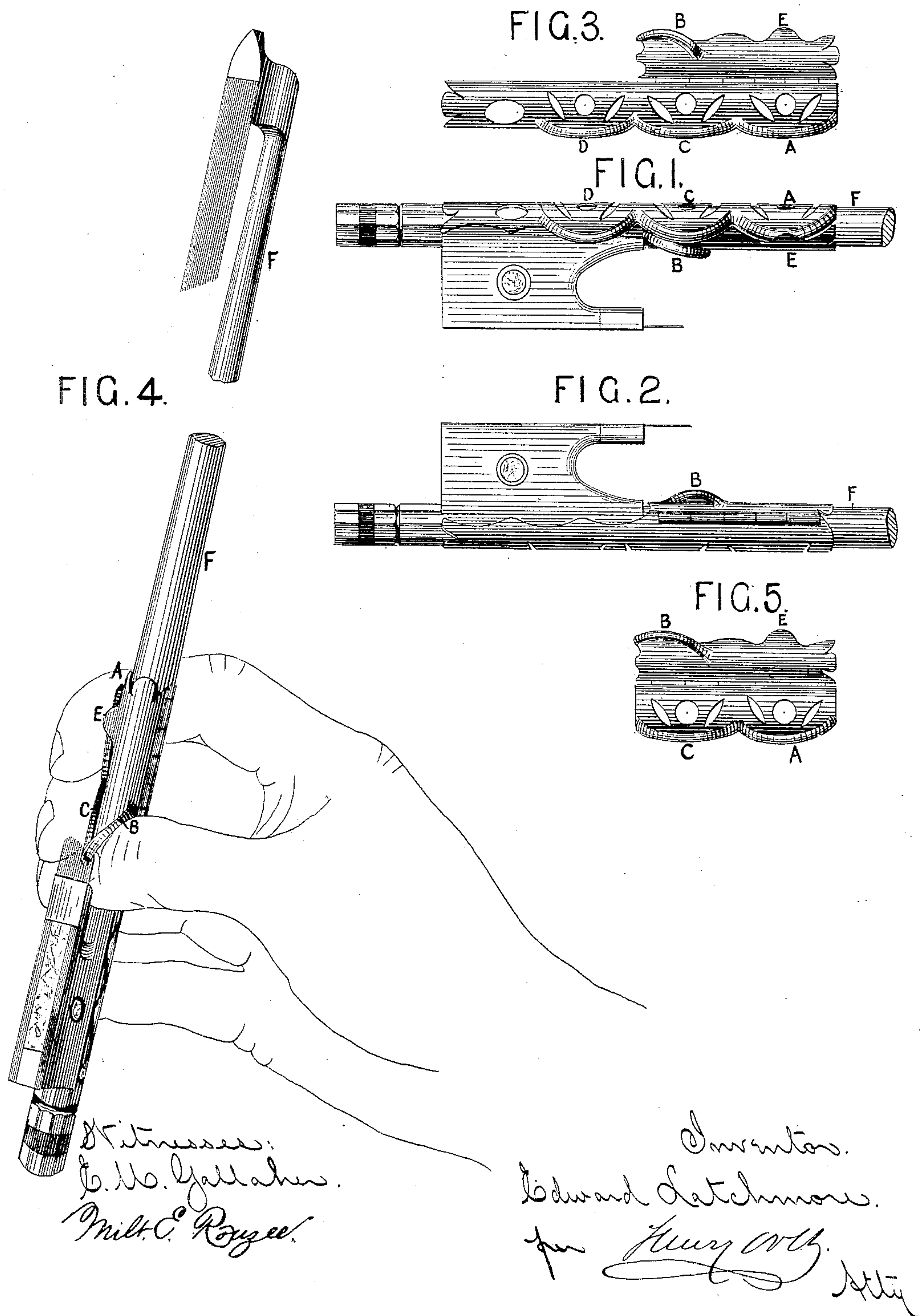
(No Model.)

E. LATCHMORE.

BOW FOR STRINGED INSTRUMENTS.

No. 384,045.

Patented June 5, 1888.



UNITED STATES PATENT OFFICE.

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BOW FOR STRINGED INSTRUMENTS.

SPECIFICATION forming part of Letters Patent No. 384,045, dated June 5, 1888.

Application filed January 5, 1888. Serial No. 259,993. (No model.)

To all whom it may concern:

Be it known that I, EDWARD LATCHMORE, a subject of the Queen of Great Britain, and a resident of London, England, dental surgeon, have invented new and useful Improvements in Bows for Stringed Instruments, of which the following is a specification, reference being had to the accompanying drawings.

According to this invention, I provide an addition or attachment to the bows of stringed instruments for the purpose of affording a correct hold of the bow in the hand, and thus preventing the bow from inadvertently, gradually, or otherwise slipping away from the correct—that is to say, right-angled—position relatively to the direction of the strings of the instrument. The attachment is in the form of a sleeve or part sleeve, which, by means of screws or a hinged or other clip or clips, or any other suitable means, can be fixed to the bow-stick. On this sleeve I provide means for supporting one or more fingers—say for the thumb and for the first finger, or the thumb and the first and second fingers, or the thumb and the first, second, and third fingers to rest in or against. These means may be suitably curved rounded ridges, blades, shields, pegs, thimbles, or the like. The attachment, or the blade or blades alone, may be permanently affixed or made to remove at will; or the bow-stick may be fashioned in the form of the attachment, all being one solid piece of vulcanite, wood, or metal, or a combination of any of these or other substances. It is specially suitable for learners, in order to accustom them to hold the bow in the correct position.

Figure 1 is a view of one side of the lower end of a violin-bow with the attachment; Fig. 2, a view of the opposite side of same; Fig. 3, a separate plan view of the attachment with the hinged lid opened; and Fig. 4, a perspective view illustrating the mode of holding and using the bow. Fig. 5 shows a modified form of the bow attachment.

In Figs. 1, 2, 3, and 4 the bow attachment has three finger-supports and a thumb-support—viz., the rounded ridge (or it might be a plate or shield) A for supporting the “first” finger, the ridge (or plate or shield) B for supporting the end of the thumb, the ridge (or

plate or shield) C for supporting the end of the “second” finger, and the ridge (or plate or shield) D for supporting the third finger, Fig. 4 showing the position, or nearly so, which these fingers and the remaining finger would assume when the bow is in use. The parts A, B, C, and D are in this case on a half-sleeve, which fits the round (or, it may be, the octagonal) section of the stick F of the bow, and is clamped thereto by means of a hinged lid, E, with clip-closure.

It is not necessary that the parts A, B, C, and D should be of the form shown, as they might also be of any other projecting or raised form, so long as they serve to keep the thumb, and, if desired, also the first and second fingers, or the first, second, and third fingers in the required position; but the form shown is convenient for supporting without tiring the fingers.

In Fig. 5 I have shown an attachment having only a support, B, for the thumb and supports A and C for the first and second fingers, respectively.

The parts A, B, C, and D, or one or more of them, may, if desired, be formed in one with or attached directly to the rod part F without forming parts of a separate detachable sleeve, as here shown, which, however, is convenient.

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

1. A bow-stick for stringed instruments, provided with finger-bearings projecting from the bow in one direction, and with a thumb-bearing projecting from such bow in a reverse direction, substantially as and for the purpose specified.

2. An attachment for bow-sticks for stringed instruments, consisting of a sleeve provided with finger-bearings projecting therefrom in one direction and a thumb-bearing projecting therefrom in a reverse direction, substantially as and for the purpose specified.

3. As an attachment for bows for stringed instruments, a sleeve consisting of two parts hinged together and provided with a plurality of finger-bearings, A, B, C, and D, for the purpose set forth.

4. As an attachment for bows for stringed

instruments, a sleeve consisting of two parts hinged together and provided along its meeting edges with a plurality of finger-bearings, for the purpose set forth.

- 5 5. As an attachment for bows for stringed instruments, a sleeve consisting of two parts hinged together and provided along its meeting edges with a plurality of finger-bearings,

and a spring-clip for fastening the parts together, as shown.

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