

J. Grandjon,

Violin

No. 100,284.

Patented Mar. 1. 1870.

Fig 4.



Fig 2

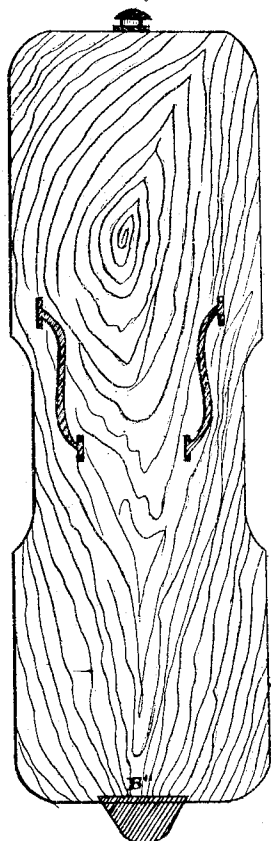
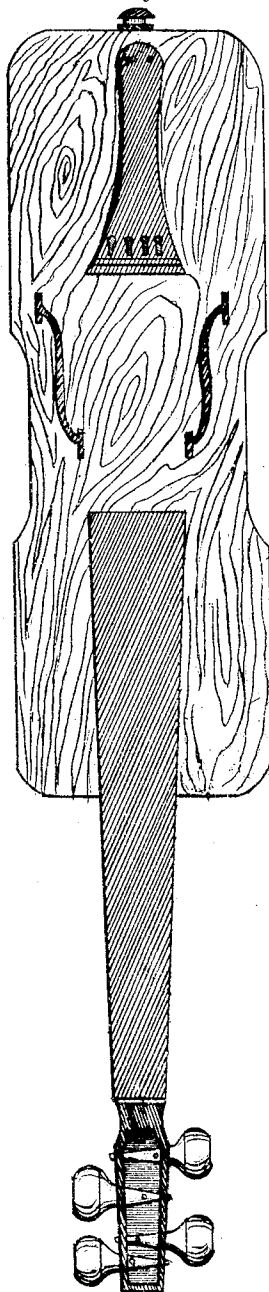


Fig 3.



Fig 1.



Witnesses.

[Handwritten signatures]

Joseph Grandjon

United States Patent Office.

JOSEPH GRANDJON, OF PARIS, FRANCE.

Letters Patent No. 100,284, dated March 1, 1870.

IMPROVEMENT IN VIOLINS.

The Schedule referred to in these Letters Patent and making part of the same

To all to whom it may concern :

Be it known that I, JOSEPH GRANDJON, of Paris, in the Empire of France, have invented "a new and improved Mode of Constructing Violins and Bows, to facilitate their package in traveling; 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.

The nature of my invention consists in constructing the body of the instrument of an oblong form, and making the finger-board capable of detachment therefrom. The bow is also divided in two parts, so that the whole may readily be packed in its case, which, from the peculiar shape of the violin, occupies less room than those of the ordinary form.

The accompanying drawings, which are half the real size, will at once show the system.

Figure 1 is a plan of the violin complete.

Figure 2, the same minus the finger-board, a side view of which is shown in Figure 3.

These two parts are fitted together by inserting the projecting piece B fixed to the finger-board into the aperture B' of the bracket A, attached to the body of the violin. When these are *in situ* and the strings put on, the two parts are firmly connected, and the tone of the instrument is in no way impaired.

The bow, shown in part Figure 4, is made to divide, by aid of the peg K and socket M.

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

The oblong form of the violin, the mode of rendering the finger-board and the body of the instrument capable of separation and readjustment, by aid of the projection B, bracket A, and aperture B'.

Also, the division of the bow by means of the peg K and socket M, such improvements being intended to facilitate package in traveling or transport.

JOSEPH GRANDJON.

Witnesses :

F. KEETING,
F. OLCOTT.