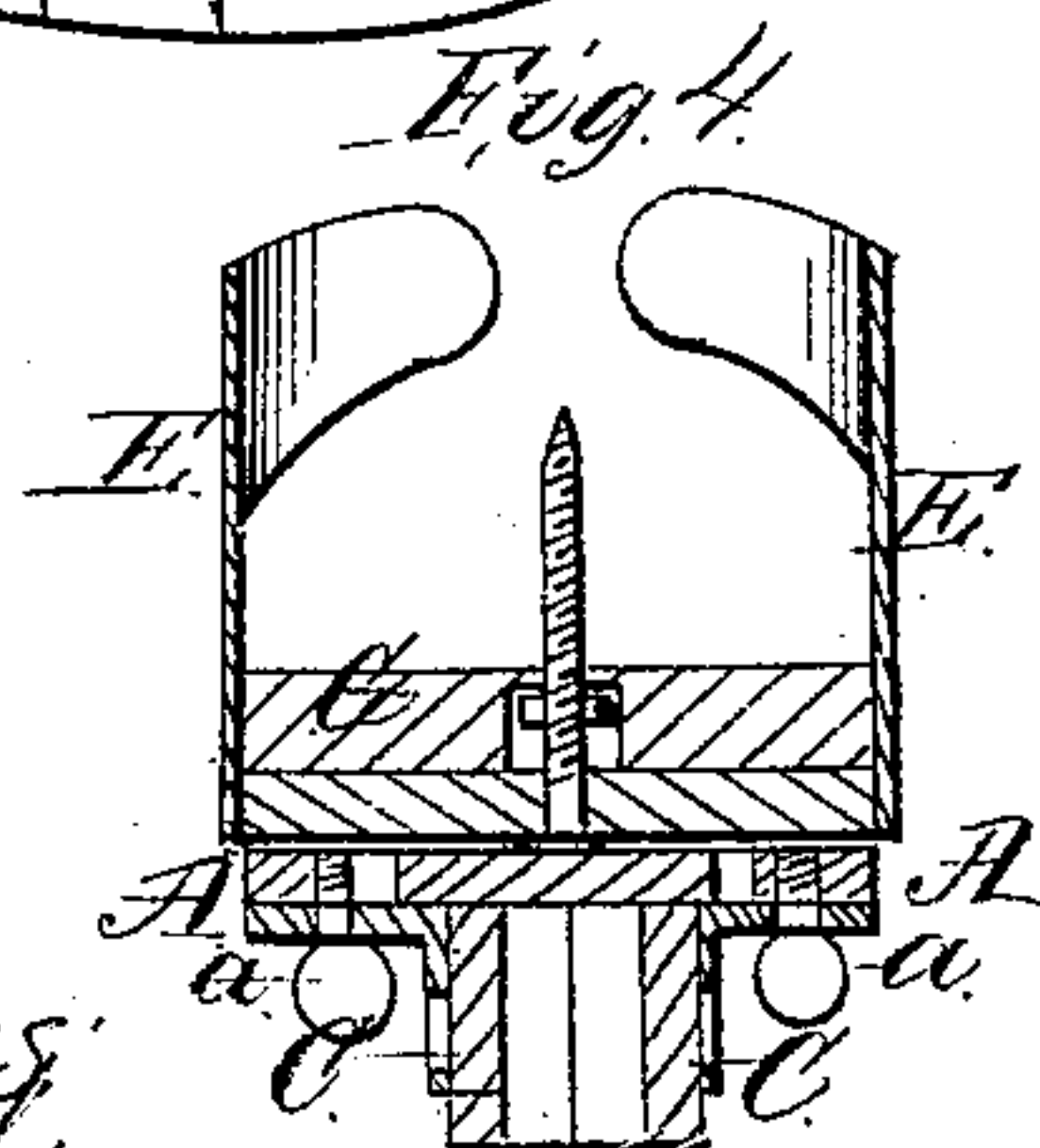
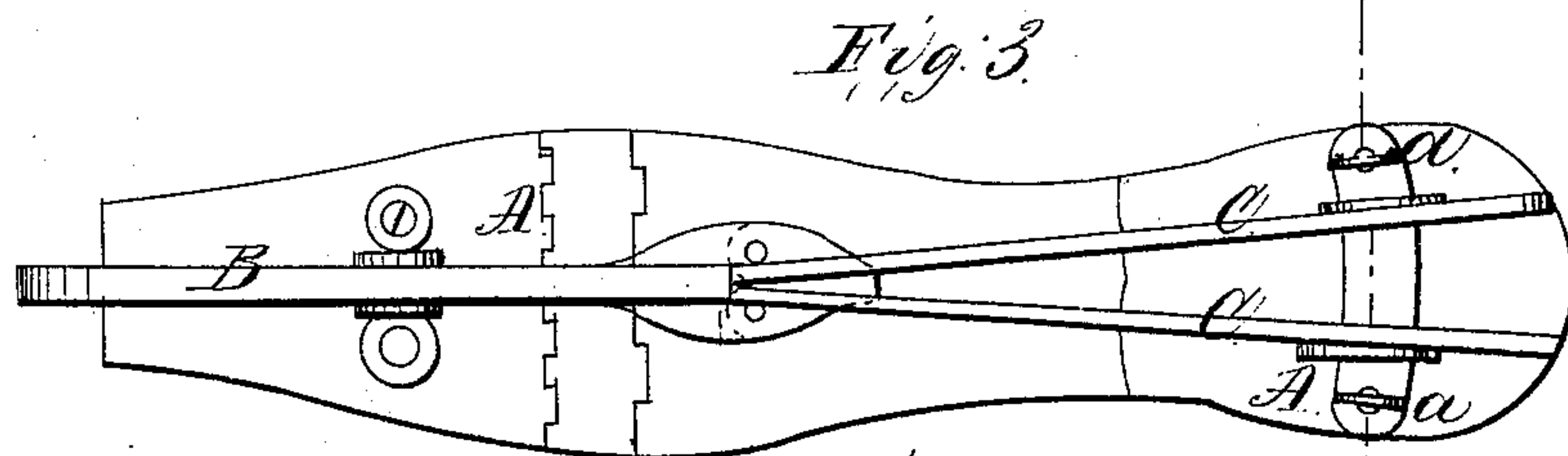
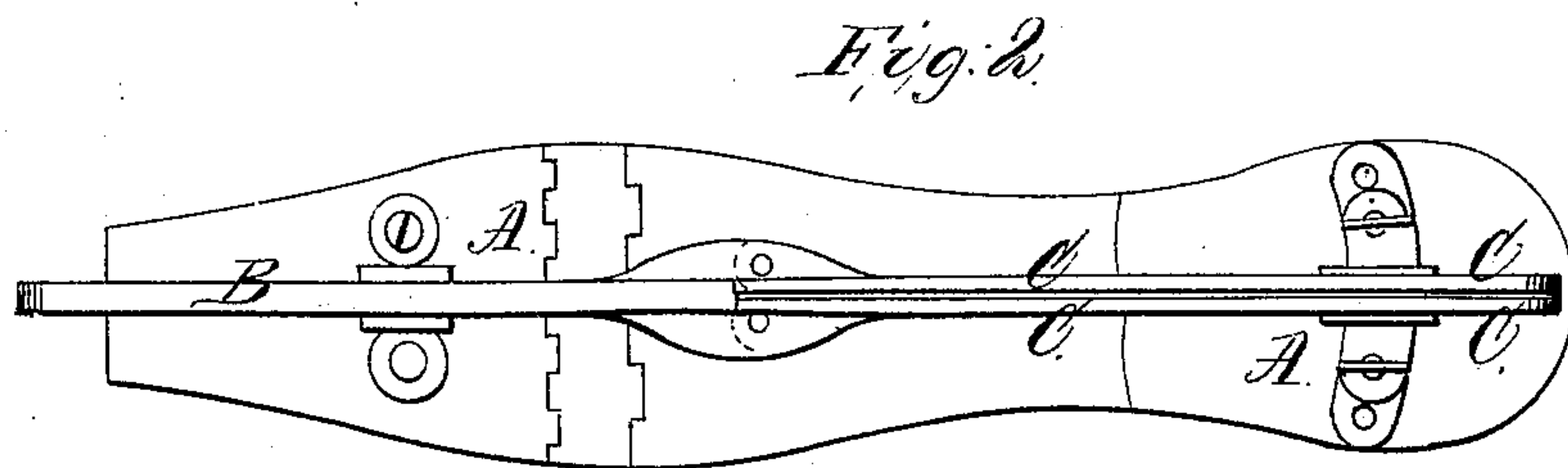
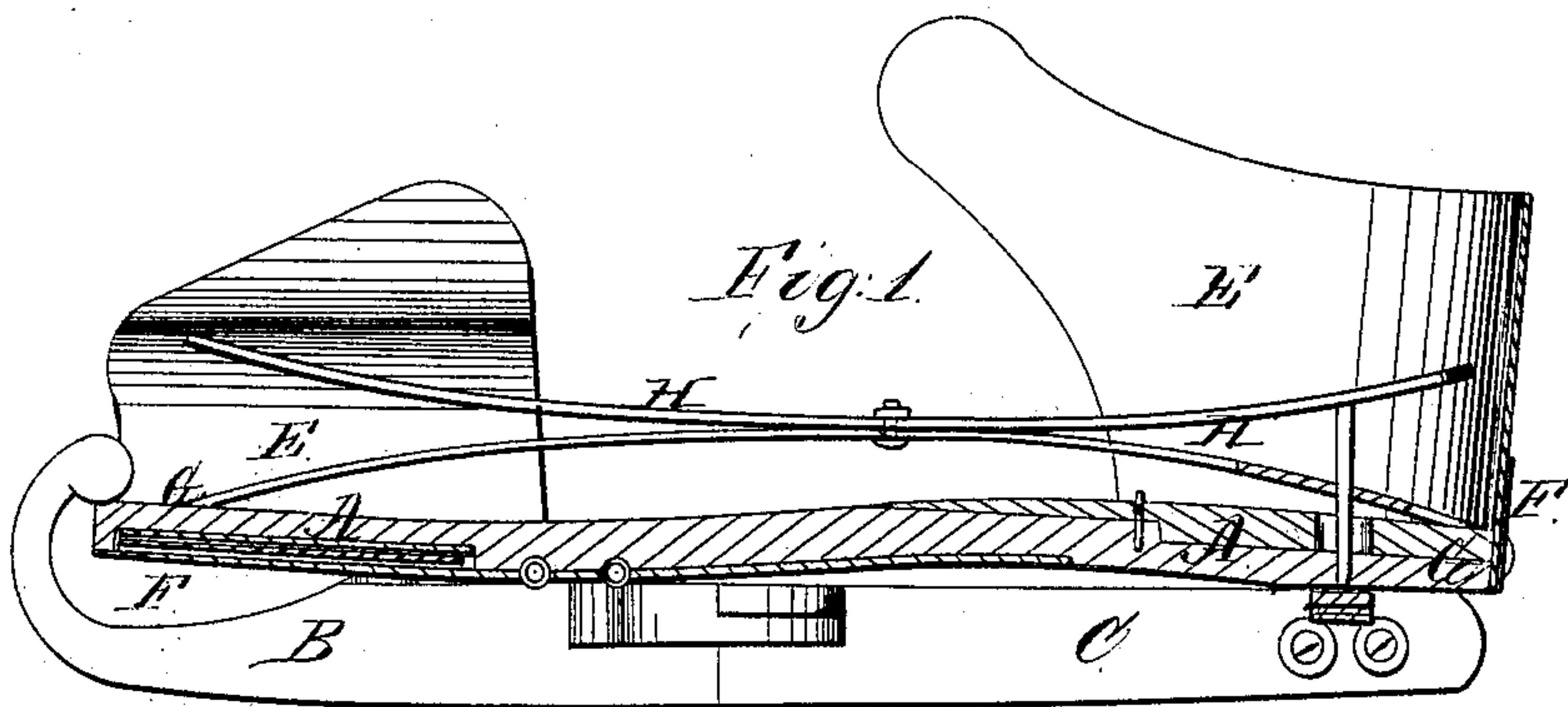


J. F. Schneider,
Skate,
No 101,049, Patented Mar. 22, 1870.



Witnesses:
Alex F. Roberts.
Mr Dean Overell

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United States Patent Office.

JACOB FRIEDRICH SCHNEIDER, OF BROOKLYN, NEW YORK.

Letters Patent No. 101,049, dated March 22, 1870.

IMPROVEMENT IN SKATES.

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

To all whom it may concern:

Be it known that I, JACOB FRIEDRICH SCHNEIDER, of Brooklyn, in the county of Kings and State of New York, have invented a new and improved Skate; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings forming part of this specification.

Figure 1 represents a side view, partly in section, of my improved skate.

Figures 2 and 3 are inverted plan views of the same, showing its pivoted irons in different positions.

Figure 4 is a vertical transverse section of the same.

Similar letters of reference indicate corresponding parts.

This invention has for its object to so construct a skate that it may be used by beginners to learn skating, and also by experts like an ordinary skate.

The invention consists in making the back part of the runner of two pivoted pieces, which may be swung apart on their pivots, to form a V-shaped broad support, and which may also be brought together, to form a simple ordinary runner.

A in the drawings represents a foot-support of a skate.

B is the front part of the runner. It is made about half the length of the entire runner, and is, in suitable manner, held in its place.

The rear part of the runner is formed of two plates,

C C, which are pivoted, close to each other, with their front ends to the foot-supports.

The rear ends can be held close together, as in fig. 2, so that the plates C form one solid continuation of the front runner, or they may be swung apart more or less, as in fig. 3, to form a broad support for the foot. They can be clamped to the foot-board in any suitable position by suitable set-screws, *a*, or their equivalents.

The shoe may be of suitable construction. I prefer to have its side flaps E clamped, by metal plates F, to the main sole G, so that they can readily be removed and replaced. I also prefer to put double springs, H H, shown in fig. 1, into the slide, to form an elastic support for the foot.

The skate, when the irons C are expanded, will form a support sufficiently safe for beginners; otherwise, it can be used by experts like every ordinary skate.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

A skate-runner consisting of three pieces, B and C, the rear pieces being pivoted at their front ends, while their rear ends are adjustable any suitable distance apart, substantially as herein shown and described.

J. F. SCHNEIDER.

Witnesses:

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