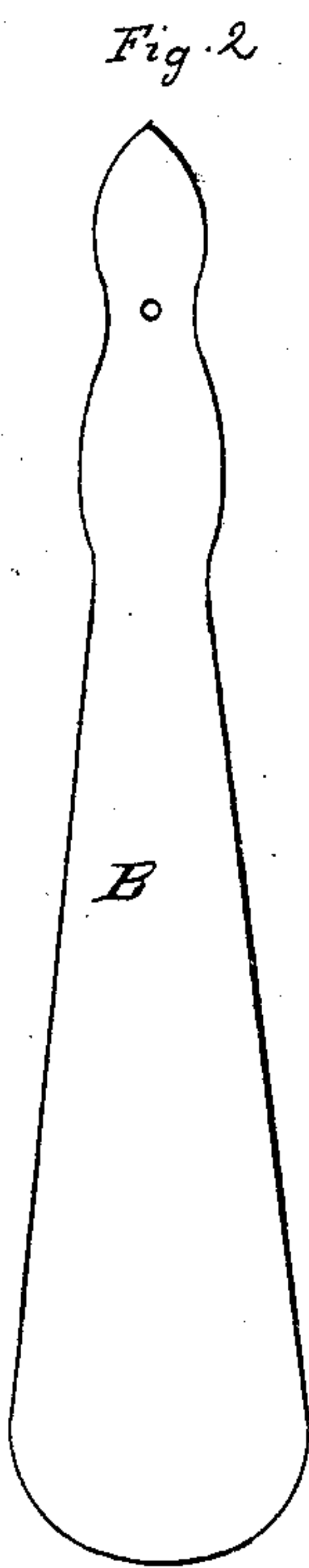
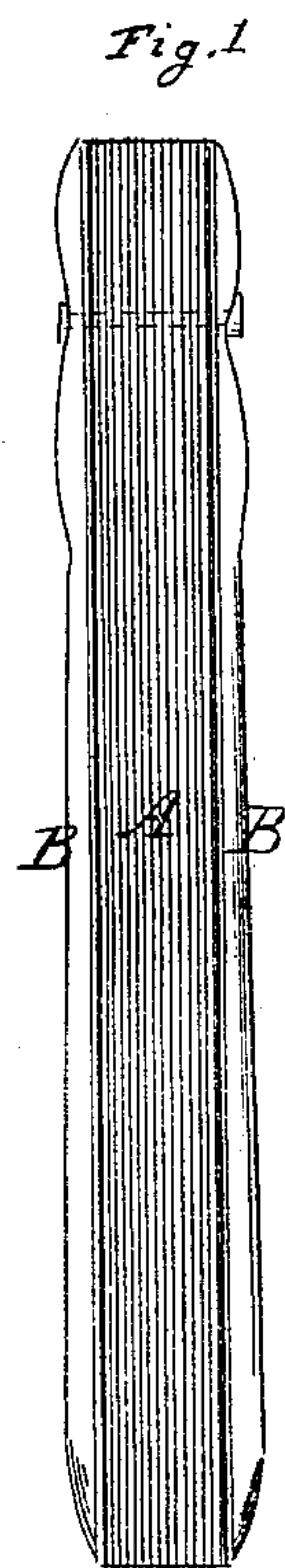


T. W. Hawkins,
Fan.

No. 90748.

Patented June 1, 1869.



Witnesses
J. H. Shumway
A. J. Tibbitts

J. W. Hawkins
Inventor
By his Attorney
Thos. E. Earle

United States Patent Office.

T. W. HAWKINS, OF NEW HAVEN, CONNECTICUT.

Letters Patent No. 90,748, dated June 1, 1869.

IMPROVEMENT IN FANS.

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, T. W. HAWKINS, of New Haven, in the county of New Haven, and State of Connecticut, have invented a new Improvement in Fans; and I do hereby declare the following, when taken in connection with the accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent in—

Figure 1, an edge view of the fan complete;

Figure 2, a side view; and in

Figure 3, a transverse section of one part of the handle.

This invention relates to an improvement in that class of fans for which Letters Patent were granted to me, bearing date December 31, 1867, the object being to make a stronger and better-shaped handle than as heretofore constructed; and

The invention consists in constructing the two outside parts, which, combined, form the handle, from thin sheet-metal, cut to the proper shape, and struck up so as to be concavo-convex, the convex being the outside, otherwise applied and adapted to the fan in like manner as the wood, which has heretofore been used.

To enable others skilled in the art to fully understand my invention, I will proceed to describe the same, as illustrated in the accompanying drawings.

A are the several parts of which the fan proper is composed.

B B, the two outer parts, which, when the fan is open, form the handle.

These parts B are cut from sheet-metal, so as to conform to the parts A, and struck into concavo-convex-form, as seen in fig. 3, then applied and attached to the fan in the usual manner. This gives the handle an oval shape, more agreeable to the hand than the flat wood, as heretofore used, and it is much stronger and not liable to break or split, a great objection to this class of fans.

Having fully described my invention,

What I claim as new and useful, and desire to secure by Letters Patent, is—

In a fan in which the two outer parts, on the opening of the fan, form the handle, constructing the said outer parts from sheet-metal, struck into concavo-convex-form, substantially as set forth.

T. W. HAWKINS.

Witnesses:

A. J. TIBBITS,

J. H. SHUMWAY.