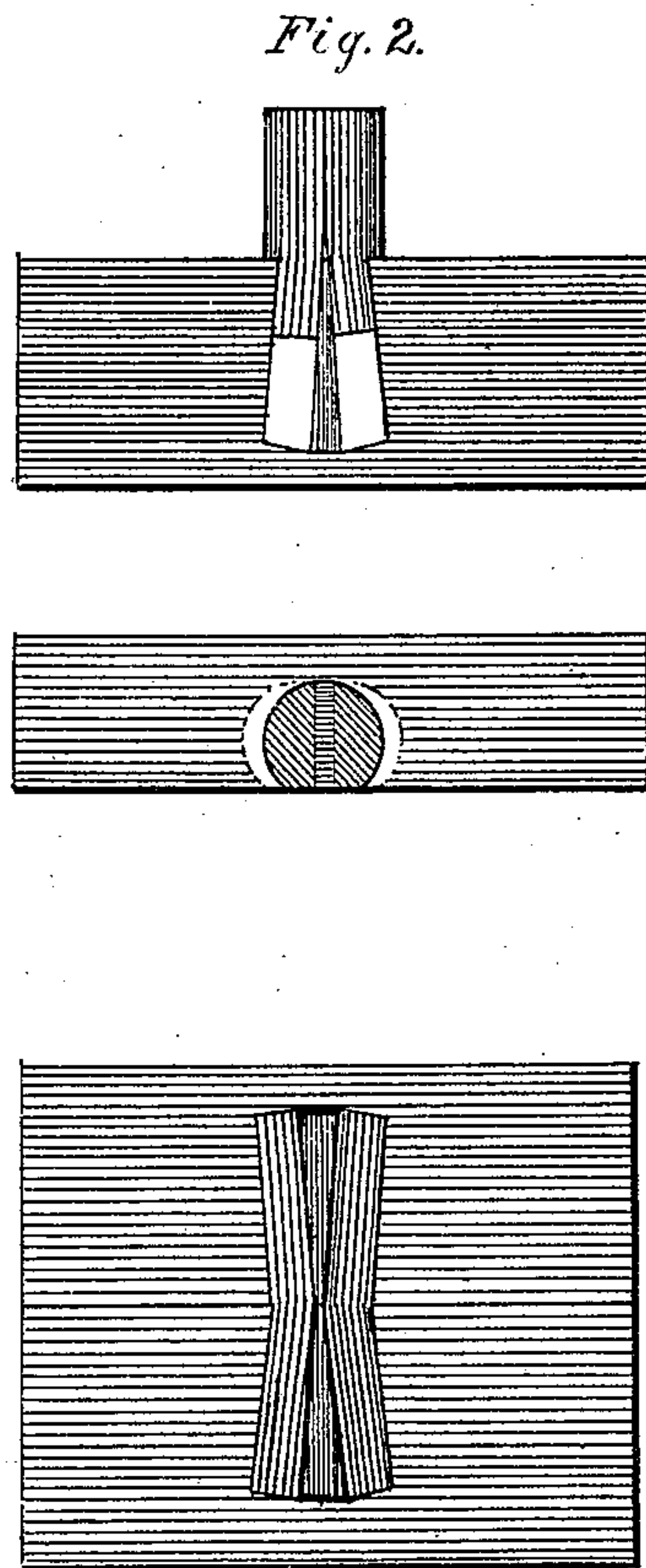
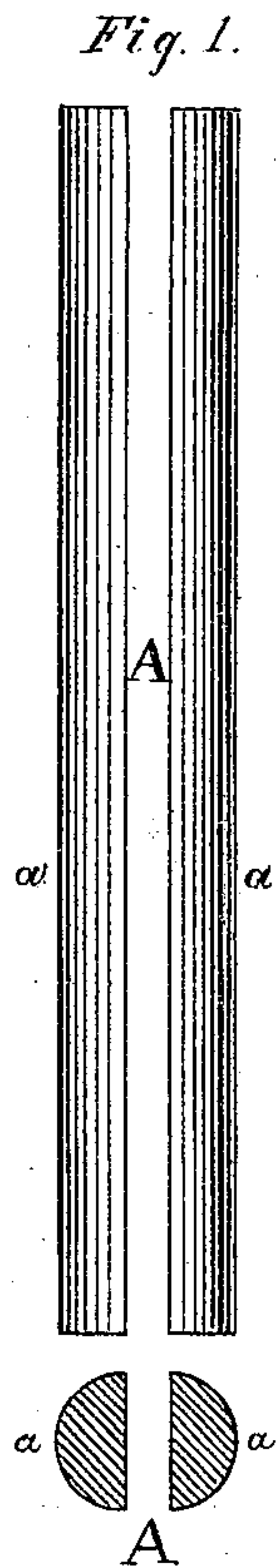


B. F. ALLEN.
Dowel-Pins.

No. 148,276.

Patented March 10, 1874.



Attest
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UNITED STATES PATENT OFFICE.

BENJAMIN F. ALLEN, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN DOWEL-PINS.

Specification forming part of Letters Patent No. **148,276**, dated March 10, 1874; application filed February 9, 1874.

To all whom it may concern:

Be it known that I, BENJAMIN F. ALLEN, of Boston, Massachusetts, have invented a new and useful Improvement in Dowel-Pins, of which the following is a clear, full, and exact description, reference being had to the accompanying drawings making a part of this specification, in which—

Figure 1 represents my improvement. Fig. 2 represents the same as applied.

My invention relates to dowels used in the manufacture of furniture; and consists in manufacturing the dowel in two pieces, each representing a half-cylinder, as hereinafter explained.

As heretofore manufactured, dowel-pins have always been made in a solid piece, which required sawing or splitting, in order to be wedged, when desired. Such an article necessarily involves trouble and inconvenience in the sawing or splitting before using, and much

of the stock is liable to be damaged and wasted or lost.

In the drawings, A represents my new dowel-pin, made in two equal longitudinal sections or halves, *a a*, and of all the different sizes to suit the demands of trade and commerce.

Fig. 2 represents a variety of applications of my improved dowel, all of which will be readily understood without a detailed description.

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

As a new article of manufacture, a dowel-pin made in two longitudinal sections, substantially as described.

BENJ. F. ALLEN.

Witnesses:

HENRY H. BURTON,
THOMAS C. CONNOLLY.