

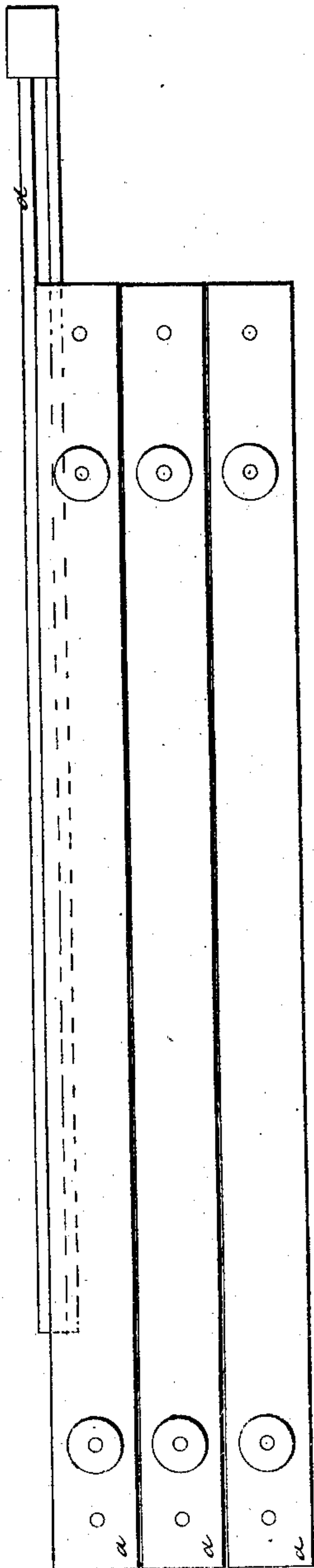
J. F. Birchard.

Extension Table.

N^o 55,606,

Patented June 19, 1866.

Fig. 1



Witnesses
J. Smith
L. Jones

Fig. 2

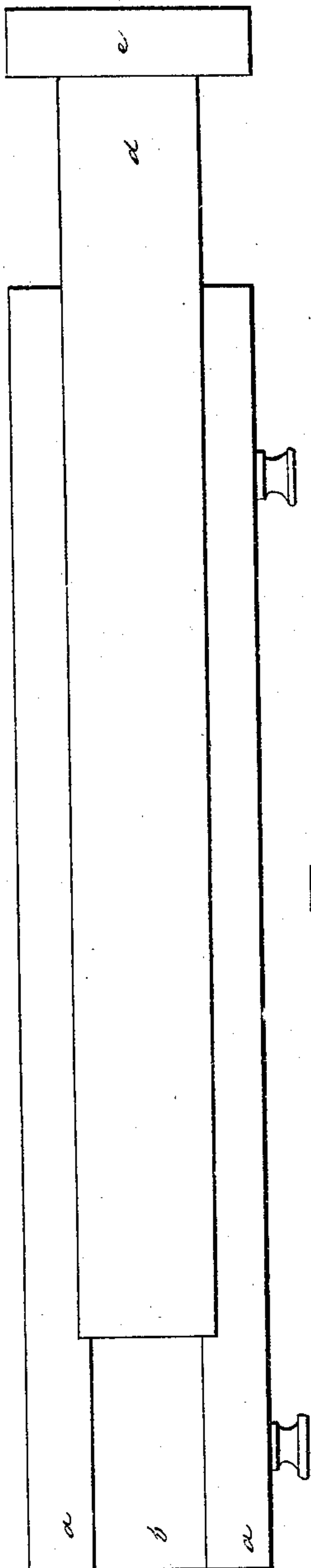
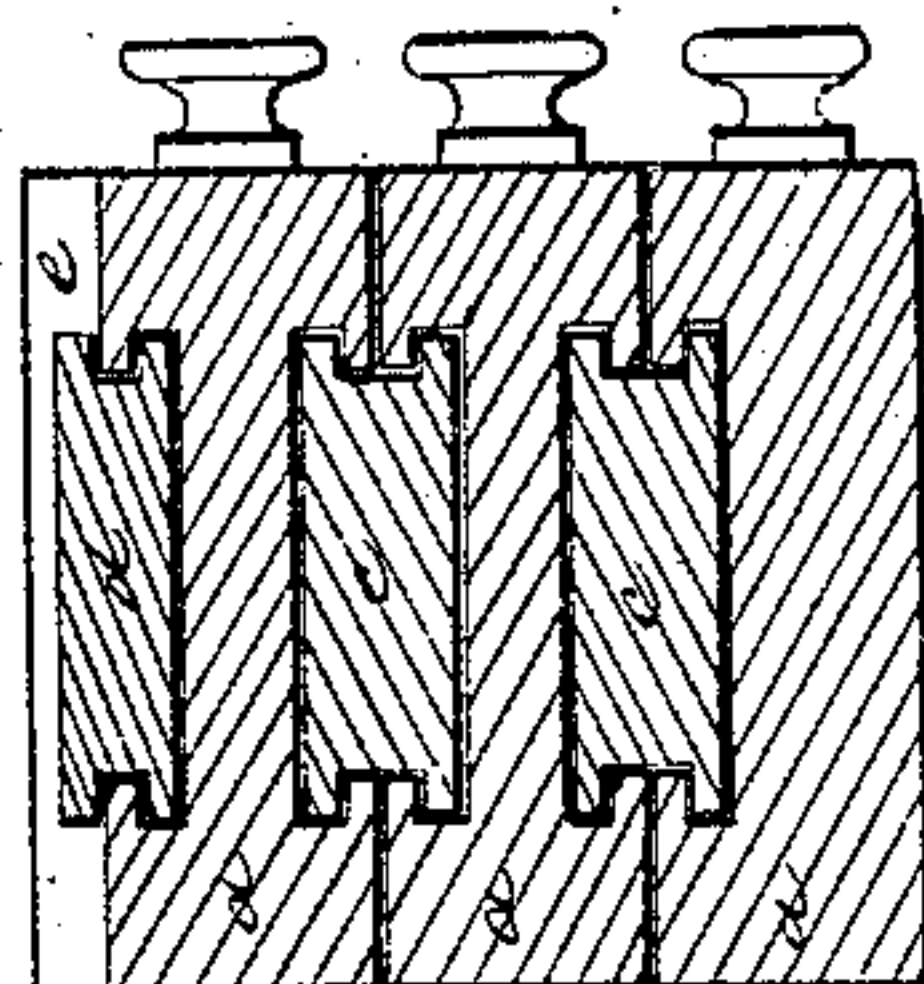


Fig. 3



Inventor
J. F. Birchard
by atty D. D. Everett

UNITED STATES PATENT OFFICE.

J. F. BIRCHARD, OF MILWAUKEE, WISCONSIN.

IMPROVED SLIDE FOR EXTENSION-TABLES.

Specification forming part of Letters Patent No. 55,606, dated June 19, 1866.

To all whom it may concern:

Be it known that I, J. F. BIRCHARD, of the city of Milwaukee, in the State of Wisconsin, have invented a certain new and useful Improvement on Slides for Extension-Tables; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, and to the letters and marks thereon.

My invention is designed for that class of extension-tables where the side leaf is used; and my invention consists in so constructing the slide that support shall be given to the side leaf.

The drawings forming part of this specification represent my improvement connected with a series of slides constructed under an invention for which Letters Patent were granted to me on the 20th day of October, 1863; but, as is evident, the present improvement can form a part of any other series or system of slides where the side leaves of the table are required to be supported. These drawings, by Figure 1, show a top view of the extension-slides with the leaf portion of the slide attached, and by Fig. 2 a side view of the same, and by Fig. 3 a view by transverse section.

In each of these figures, where like parts are shown, like marks and letters are used to indicate the parts.

The extension-slide here represented is made up of bars *a*, which, at their ends, have blocks *b* between them, bolts with screw ends and nuts or screws being used to connect the ends of the bars and the blocks. The advantages of this

manner of connecting the blocks and bars are fully set forth in the patent hereinbefore alluded to, and mainly relate to the adjustability of the one to the other to provide for any expansion or contraction that may occur under the dry or humid conditions of the atmosphere.

Fitting by grooves and tongues into and with the bars *a* are other bars, *c*. To one or both sides of the bars *a*, I connect, as is shown by the drawings, an additional bar, *d*, having on its outer end a round or square head, or not, as may be preferred, to the end piece *e*, the end piece being so formed as to give support to the leaf of the table. A hole bored through the frame-bar of the table will allow the slide-bar *d* to be drawn out after the leaf has been raised. In this way I provide the means for giving full support to the leaf having the slide-bar for its support, forming part of the extension-slide.

In adapting this additional bar *d* to other slide-bars than that here shown, the manner of so doing will readily occur to the individual accustomed to this kind of work. Such adaptation can be made to any kind of slides.

What I claim as my invention, and as an improvement on extension-table slides, is—

Adding thereto or combining therewith the additional slide-bar for supporting the leaves of the table, substantially as herein set forth.

This specification signed this 28th day of April, 1866.

J. F. BIRCHARD.

Witnesses:

W. H. WHITNEY,
W. DAMON.