

(No Model.)

A. F. KINZLER.
TABLE.

No. 477,424.

Patented June 21, 1892.

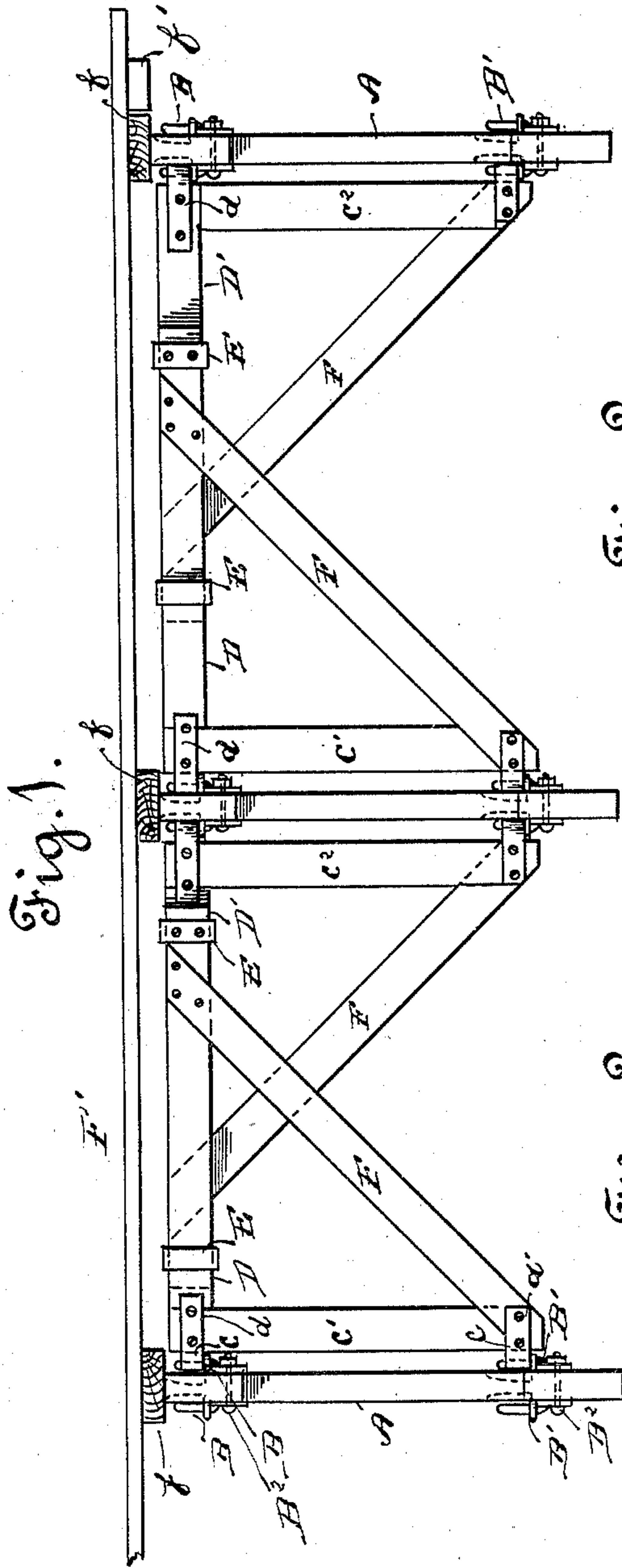


Fig. 2.

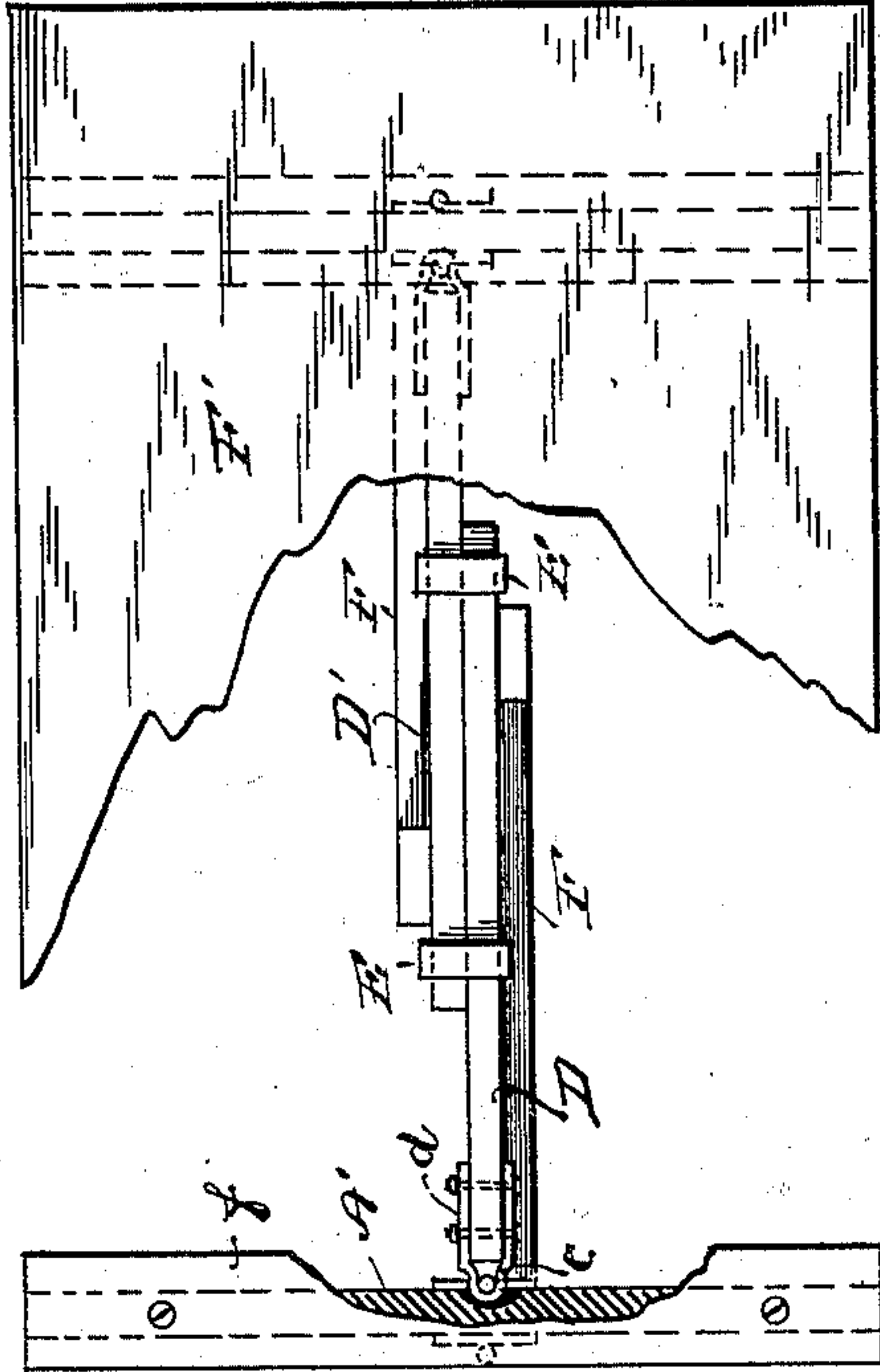


Fig. 3.

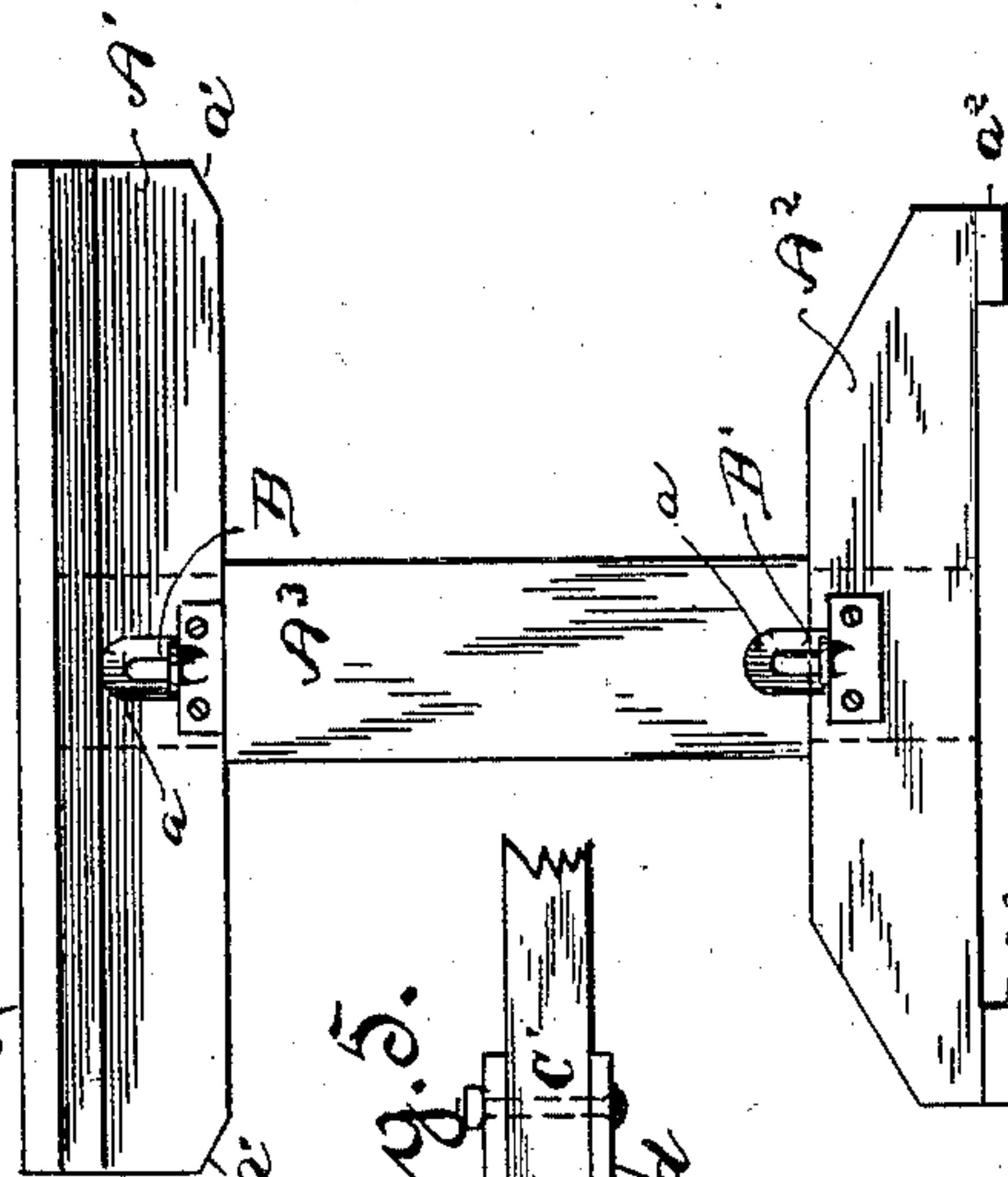


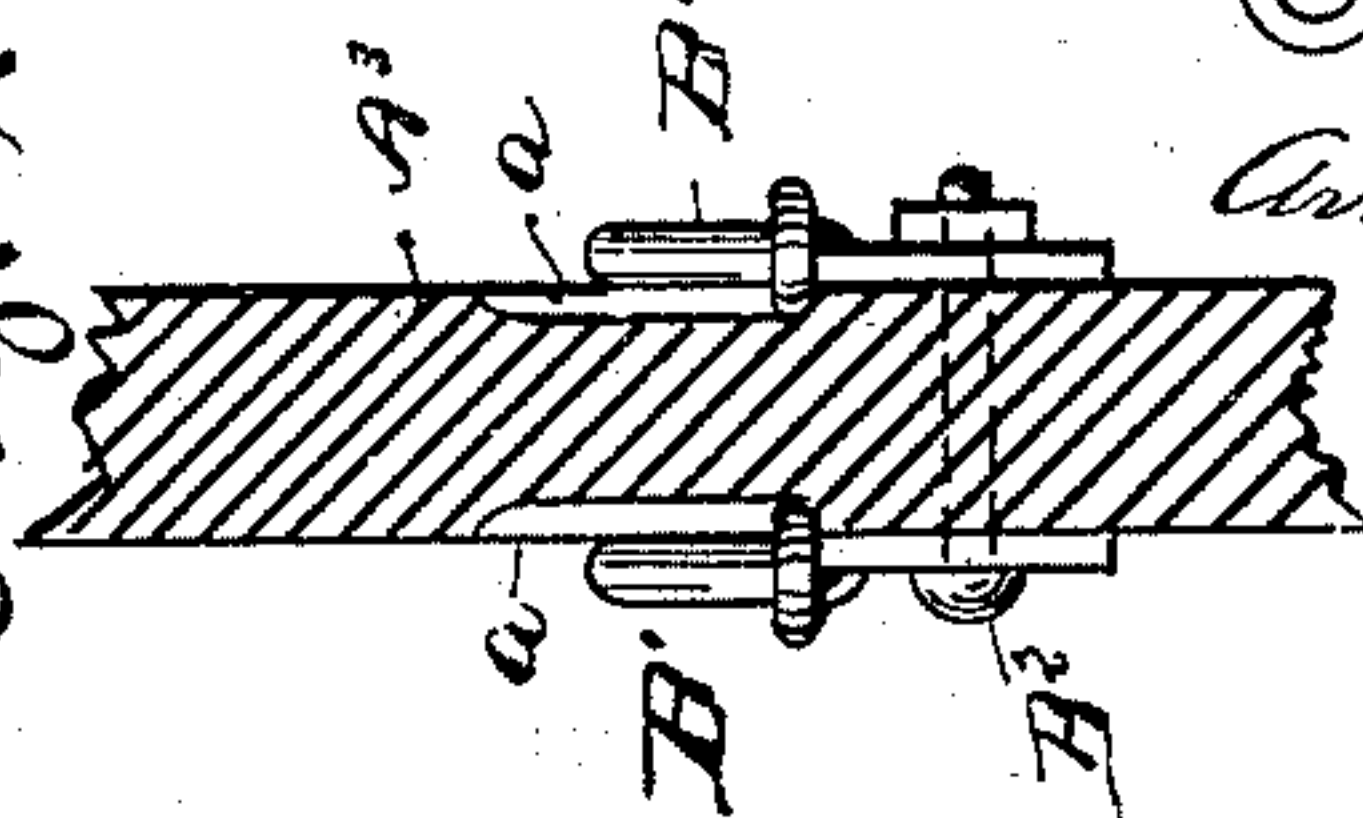
Fig. 5.



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Fig. 4.



Witnesses.
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UNITED STATES PATENT OFFICE.

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TABLE.

SPECIFICATION forming part of Letters Patent No. 477,424, dated June 21, 1892.

Application filed January 5, 1892. Serial No. 417,070. (No model.)

To all whom it may concern:

Be it known that I, ARMAND F. KINZLER, a citizen of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented certain new and useful Improvements in Tables; and I do hereby declare the following to be a full, clear, and exact description of said invention, such as will enable others skilled in the art to which it most nearly appertains to make, use, and practice the same.

My invention has relation to certain new and useful improvements in tables, and more particularly such as are adapted for banquet purposes, as will be hereinafter more fully set forth in the drawings and described and pointed out in the specification.

The object of my invention is to construct a table for banquet or other purposes which will permit of being readily formed into any shape desired, whether square, round, oblong, diamond, &c., allow of being readily extended or adapted in accordance with the number of people to be seated, permit of easily being taken apart and packed away, and one which shall be simpler in its construction, less expensive, and more durable than any of a similar nature known to me.

Referring to the drawings, forming a part of this specification, wherein similar letters of reference denote corresponding parts throughout the entire specification and several views, Figure 1 is a side view in elevation showing two sections of a table united, one of said sections being extended and the other closed; Fig. 2, a top plan of one section, partly broken away, for purpose of showing sliding connecting or extensionable braces more fully; Fig. 3, a front elevation of one of the table-legs; Fig. 4, a vertical side sectional view of one of the legs in order to fully show pintle for the connecting-braces, and Fig. 5 a detail view showing connecting mechanism for table-brace.

The letter A is used to indicate the leg of the table, which consists of top and bottom cross-pieces A' A² and vertical center-piece A³. The center-piece is mortised to the top and base pieces, as clearly shown in Fig. 3. To each side of the legs I secure pintles B B' at top and bottom by means of bolts B², which bolts not only serve to hold the pintles in

place, but at the same time secure the mortised center-piece firmly within cross-pieces A' A². Immediately around the pintles I cut away the woodwork, as shown at *a*, in order to provide a countersunk seat for swinging hook C, as more fully described later on. The legs A A are secured or connected together by the intermediate brace, which consists of end vertical pieces C' C² and sliding strips or rods D D'. The vertical pieces are provided with hooks or strips *d d'*, fastened to top and bottom, respectively, which, when in place, rest or fit over pintles B B', so as to form a hinge connection, thus allowing of free movement to be given the leg in any direction. The vertical pieces are united by means of rods D D', which are held together by clamp or guide plates E, and through which said rods slide their full length. By preference I make each of the rods four feet in length, thus making a four-foot table; but inasmuch as said rods are capable of being extended the table or section may be easily converted into an eight-foot table. Running diagonally and supporting or strengthening the extensionable frame are the braces F, each of which I secure to one of the sliding rods and vertical pieces, thus giving greater rigidity to the frame. The top of cross-pieces A', I provide with the seat or rest *f*, upon which the table platform or top F' rests, and in order to prevent the occupant's limbs contacting with the leg of the table I cut away the lower edges of cross-piece A', as shown at *a'*. The small strips *a²* beneath cross-piece A² allow the same to rest firmly and evenly upon uneven floors, or said piece may be cut away instead of securing pieces thereunder.

When it is required to lengthen the table after each section has been extended its full length, another may be readily attached thereto, inasmuch as pintles B B' project from each side of the table-leg, as shown. Thus it will be seen that any number of sections may be readily united or secured together, consequently allowing a table to be produced which may be increased or decreased at will, and at the same time readily taken apart for storage, &c. The under face of the table-top is provided with cross-strips *f'*, which bear against piece *f*, so as to prevent said top sliding off.

It will be observed that the table-top is not secured to the supporting-frame, but rests thereon. In practice a number of tops of different shapes will be provided for each supporting-frame and used interchangeably.

Having thus described my invention, what I claim as new, and desire to secure protection in by Letters Patent of the United States, is—

10 1. In a table, the combination, with the supporting-legs, of the sliding extensionable frame detachably pivoted thereto.

15 2. In a table, the combination, with the legs thereof, consisting of upper and lower cross-pieces united by a vertical piece, of pintles secured to each side of the legs and sliding connecting-frame provided with small hooks adapted to fit over said pintles, as and for the purpose set forth.

3. The combination of the legs having re- 20 cesses in their sides, pintles secured to the legs and extending in front of the recesses, and the extensionable frame provided at its ends with hooks fitting loosely over the said pintles.

25 4. The combination of the legs and the extensionable frames detachably pivoted thereto, the said frames consisting of the sliding bars, clamps or guides holding the same together, vertical end pieces, and braces con- 30 necting the end pieces and the sliding bars.

In testimony whereof I affix my signature in presence of two witnesses.

ARMAND F. KINZLER.

Witnesses:

N. A. ACKER,
GEO. H. HOLT.