

F. MACK.
FOLDING COLLAPSIBLE TABLE, CHAIR, &c.

(Application filed May 5, 1900.)

(No Model.)

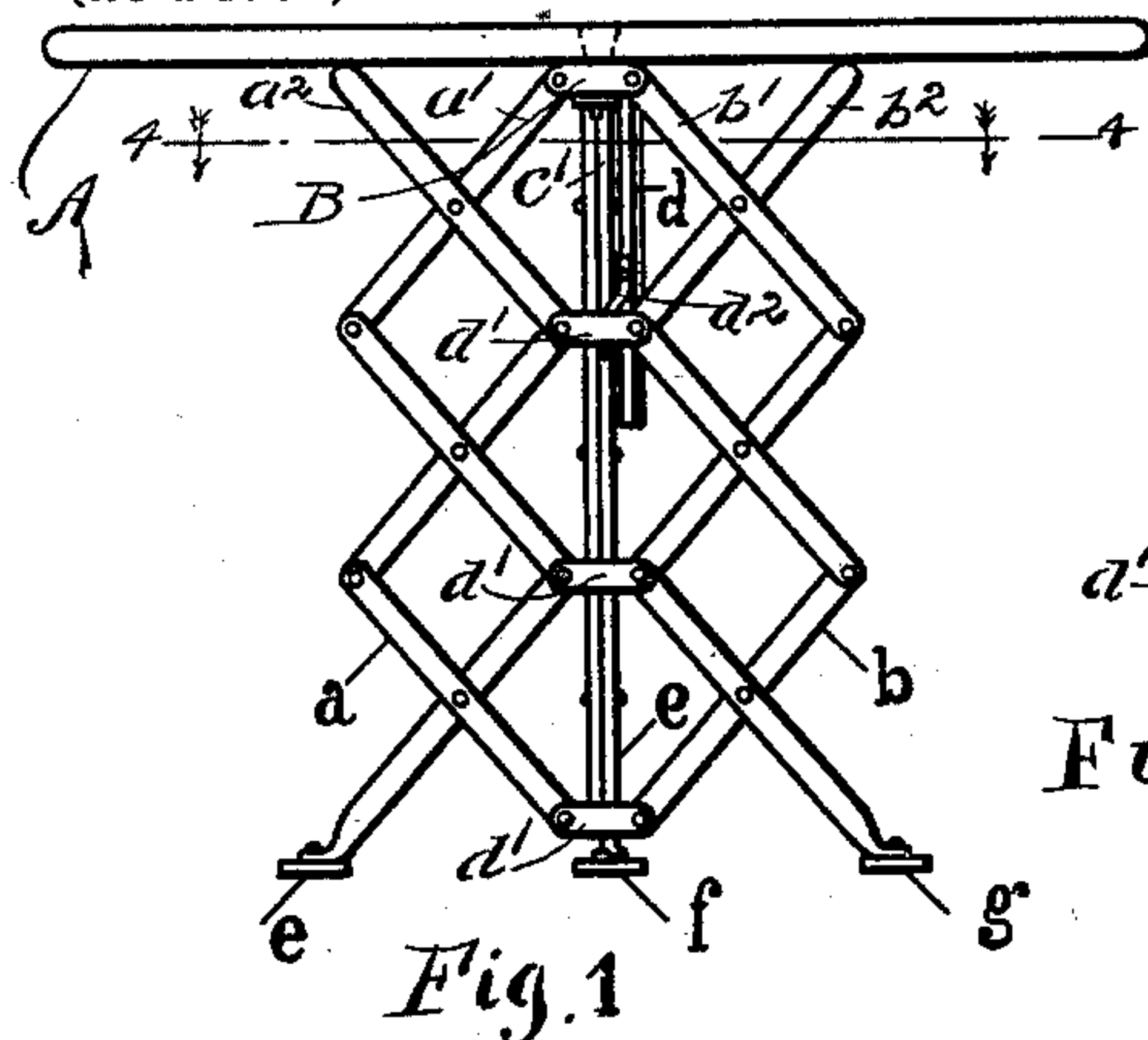


Fig. 1

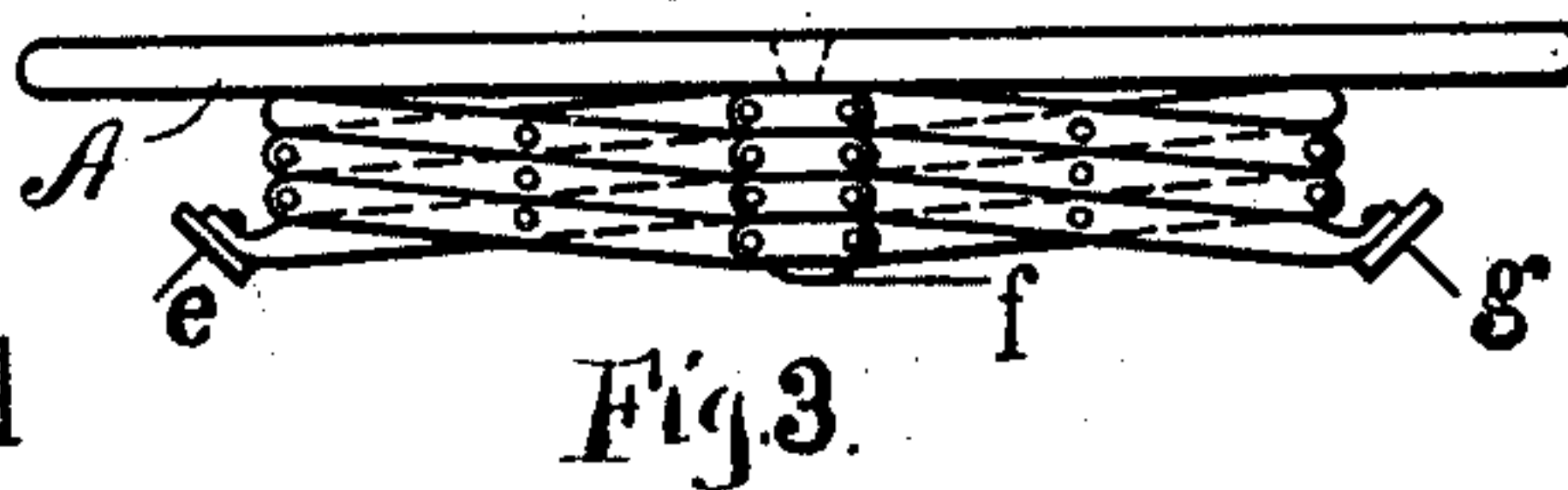


Fig. 3

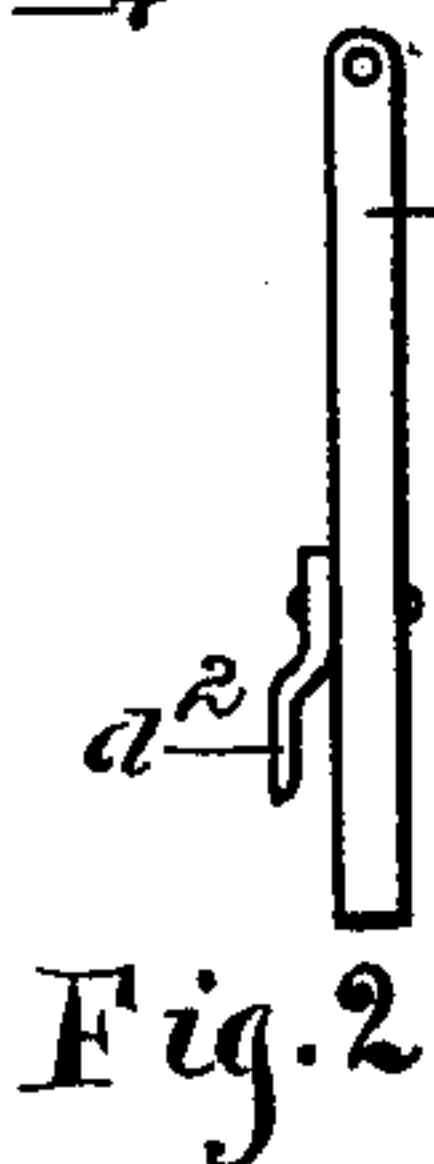


Fig. 2

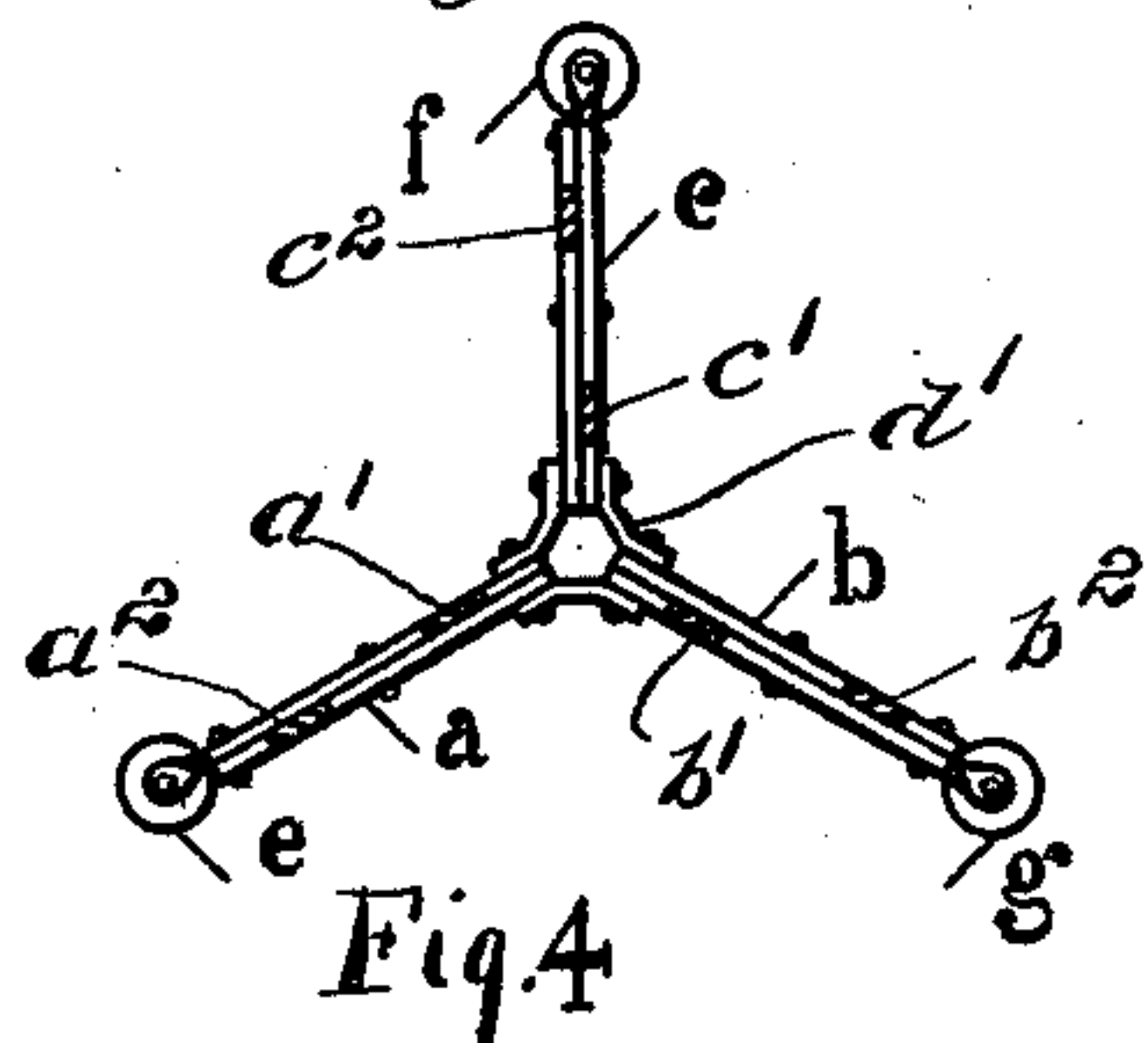


Fig. 4

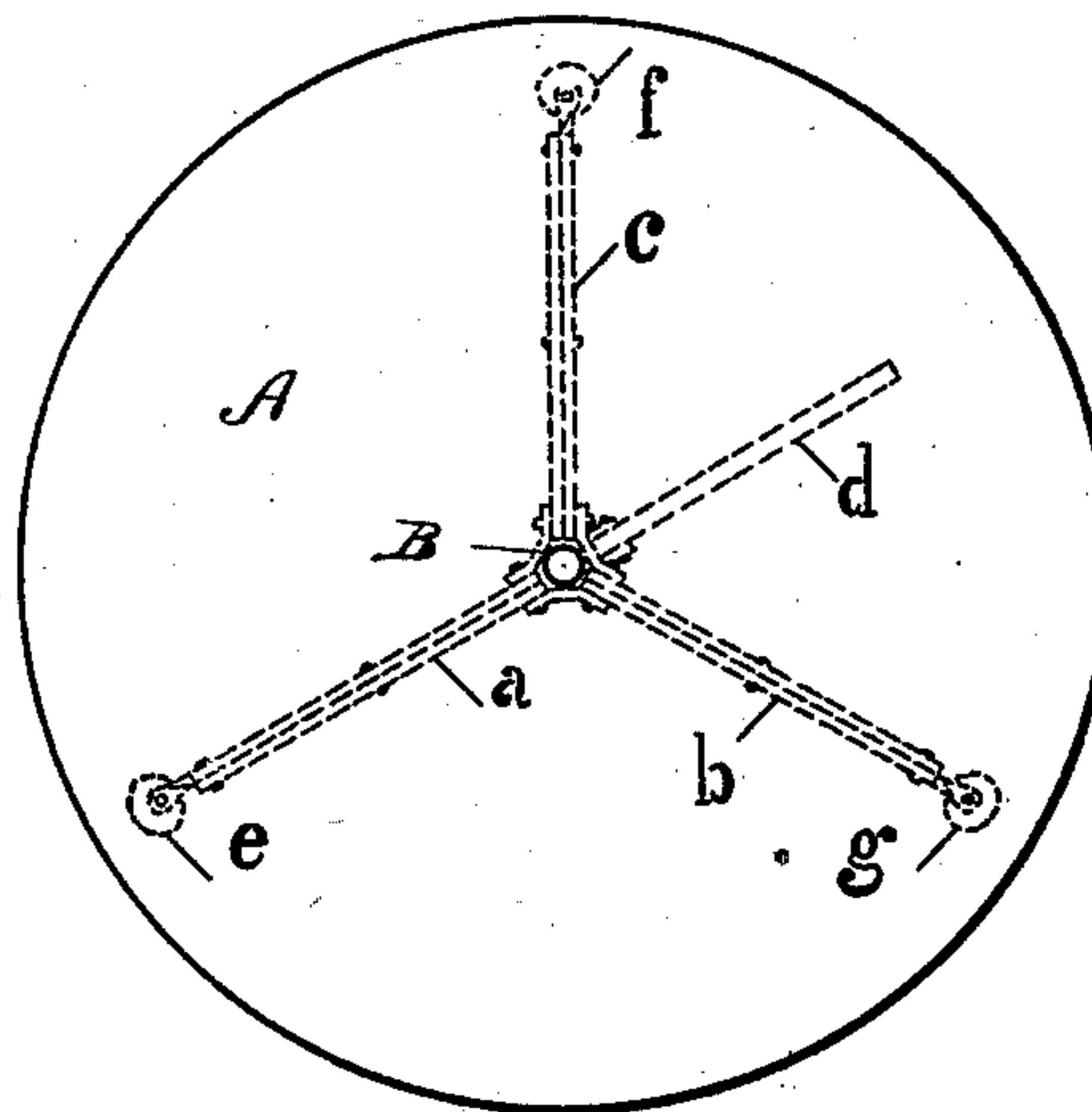


Fig. 5

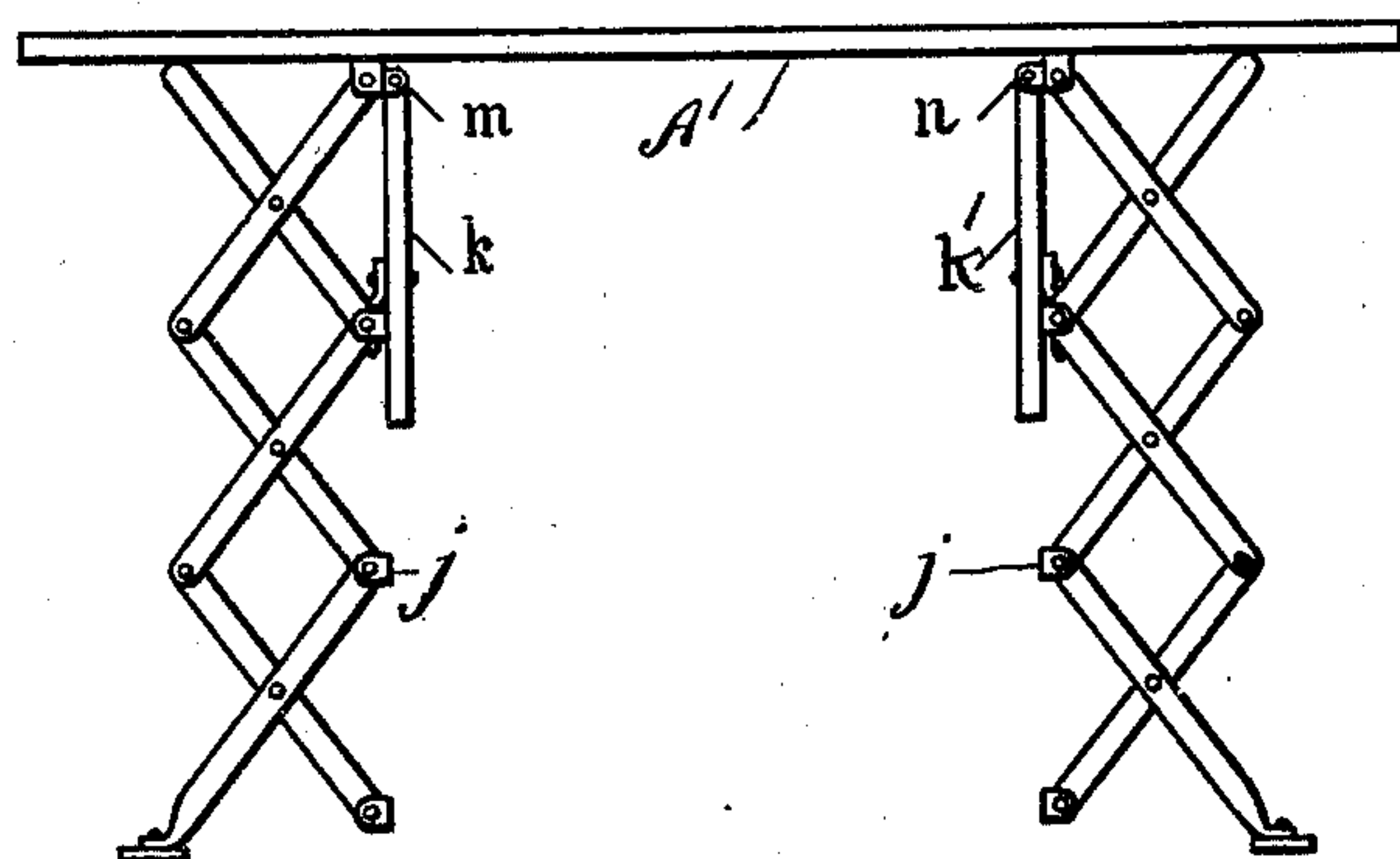


Fig. 6

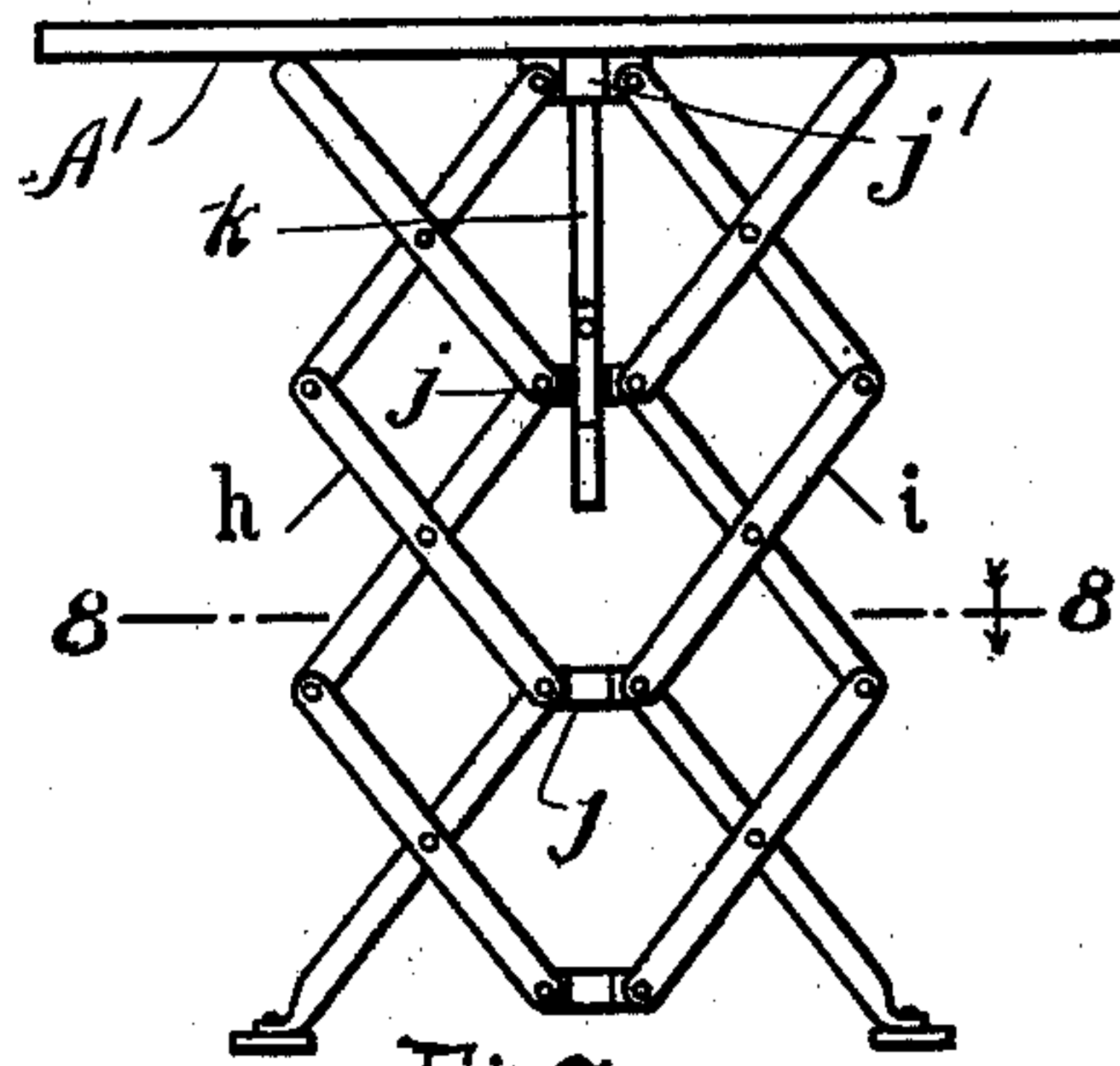


Fig. 7

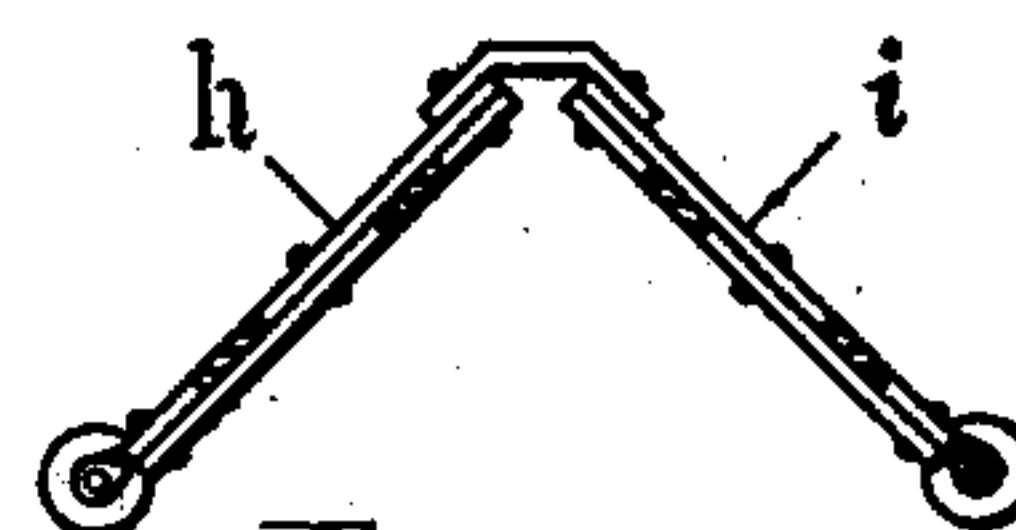


Fig. 8

Witnesses:
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by B. Singer
Att'y.

UNITED STATES PATENT OFFICE.

FRITZ MACK, OF NUREMBERG, GERMANY.

FOLDING COLLAPSIBLE TABLE, CHAIR, &c.

SPECIFICATION forming part of Letters Patent No. 666,017, dated January 15, 1901.

Application filed May 5, 1900. Serial No. 15,660. (No model.)

To all whom it may concern:

Be it known that I, FRITZ MACK, a subject of the German Emperor, residing at Nuremberg, Bavaria, Empire of Germany, have invented certain new and useful Improvements in Folding Tables or the Like, of which the following is a specification.

This invention has for its object to provide an improved folding or collapsible device as a support for tables, chairs, and like articles; and it consists in the employment of lazy-tongs arranged to form a collapsible, angular, or three-legged support, as hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a side elevation of a table embodying my invention. Fig. 2 is a detail view of the stretcher for holding the lazy-tongs in a distended position; Fig. 3, a side elevation of said table collapsed; Fig. 4, a sectional plan view on the line 4 4 of Fig. 1 of the legs or support detached; Fig. 5, a top plan view of said table collapsed with the legs and stretcher in dotted lines. Figs. 6 and 7 represent a modification, and Fig. 8 a section thereof on the line 8 8 of Fig. 7.

First describing the invention as applied in the form of a three-legged support and as depicted in the first five figures of the drawings, A indicates a table-top which may stand as an exponent for any suitable structure to be supported, and *a*, *b*, and *c* represent three sets of lazy-tongs arranged in intersecting vertical planes, so as to radiate from each other as a tripodal support. The inner upper arms *a'* *b'* *c'* of these lazy-tongs are mutually interconnected by hinge-joints through a casting B, which is firmly secured to the table, while the outer upper arms *a²* *b²* *c²* are free for slip-contact with the under side of the table.

In order to hold the lazy-tongs properly extended, a suitable stretcher *d* is employed, which is hingingly secured to any appropriate joint of the lazy-tongs or to one of the knuckles *d'* of a series interconnecting the inseting-joints of said lazy-tongs and may be clamped between distended members of the lazy-tongs—as, for instance, by a counter-hook *d²*, taking over an opposing knuckle.

Suitable feet *e f g* are arranged on the three outer lower arms of the lazy-tongs, the corresponding inner arms thereof being advisably interconnected by a knuckle, as aforesaid, somewhat above the plane of the feet.

In Figs. 6, 7, and 8 I have shown an arrangement adapted to use with oblong or rectangular tables A' or other articles requiring widely-separated supports. Herein two pairs of lazy-tongs *h* and *i*, arranged divergently in intersecting vertical planes and interconnected at their inner joints along the line of intersection by knuckles *j* and to the table by a knuckle-block *j'*, are employed, one pair at each end of the table. Stretchers *k* and *k'*, one for each pair, similar to the stretcher employed with the above-described tripodal set, serve to hold the lazy-tongs distended, the tongs being readily collapsible when said stretchers are released.

I claim—

1. The combination with a table or like article, of a support therefor comprising lazy-tongs arranged in divergent planes intersecting each other with their inseting joints hingingly interconnected along the line of intersection, and a stretcher for holding said tongs distended.

2. The combination with a table or like article, of a tripodal support therefor, comprising three sets of lazy-tongs set radiatingly from each other with their inseting joints hingingly interconnected, and a stretcher hinged to one of the joints and adapted to be clamped to an opposing joint.

3. The combination of the table, the angularly-arranged lazy-tongs, the knuckles interconnecting the inseting joints of said lazy-tongs, and the stretcher hinged to one of said knuckles and provided with a counter-hook to take over an opposing knuckle.

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

FRITZ MACK.

Witnesses:

HEINRICH FICHT,
BERNHARD BATTY.