

(Model.)

G. F. SARGENT.

TABLE.

No. 246,217.

Patented Aug. 23, 1881.

Fig. 1.

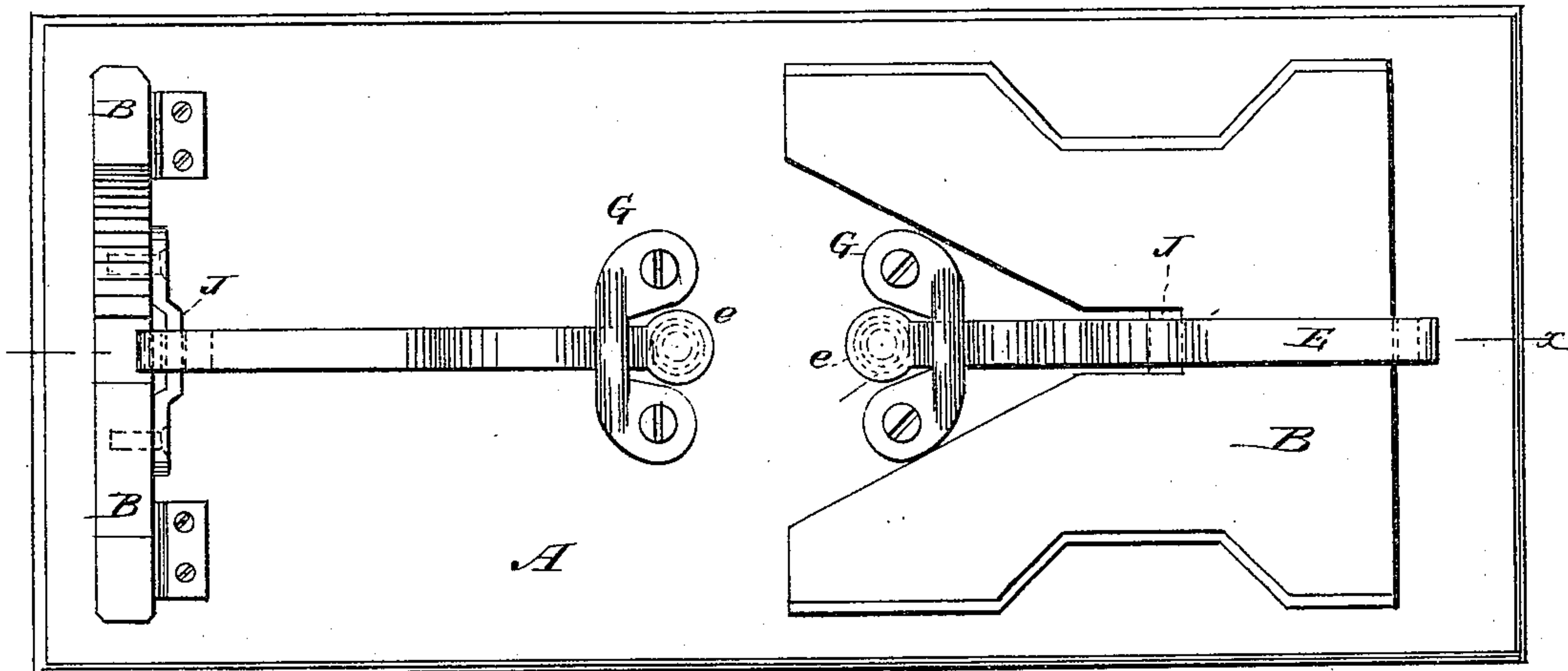
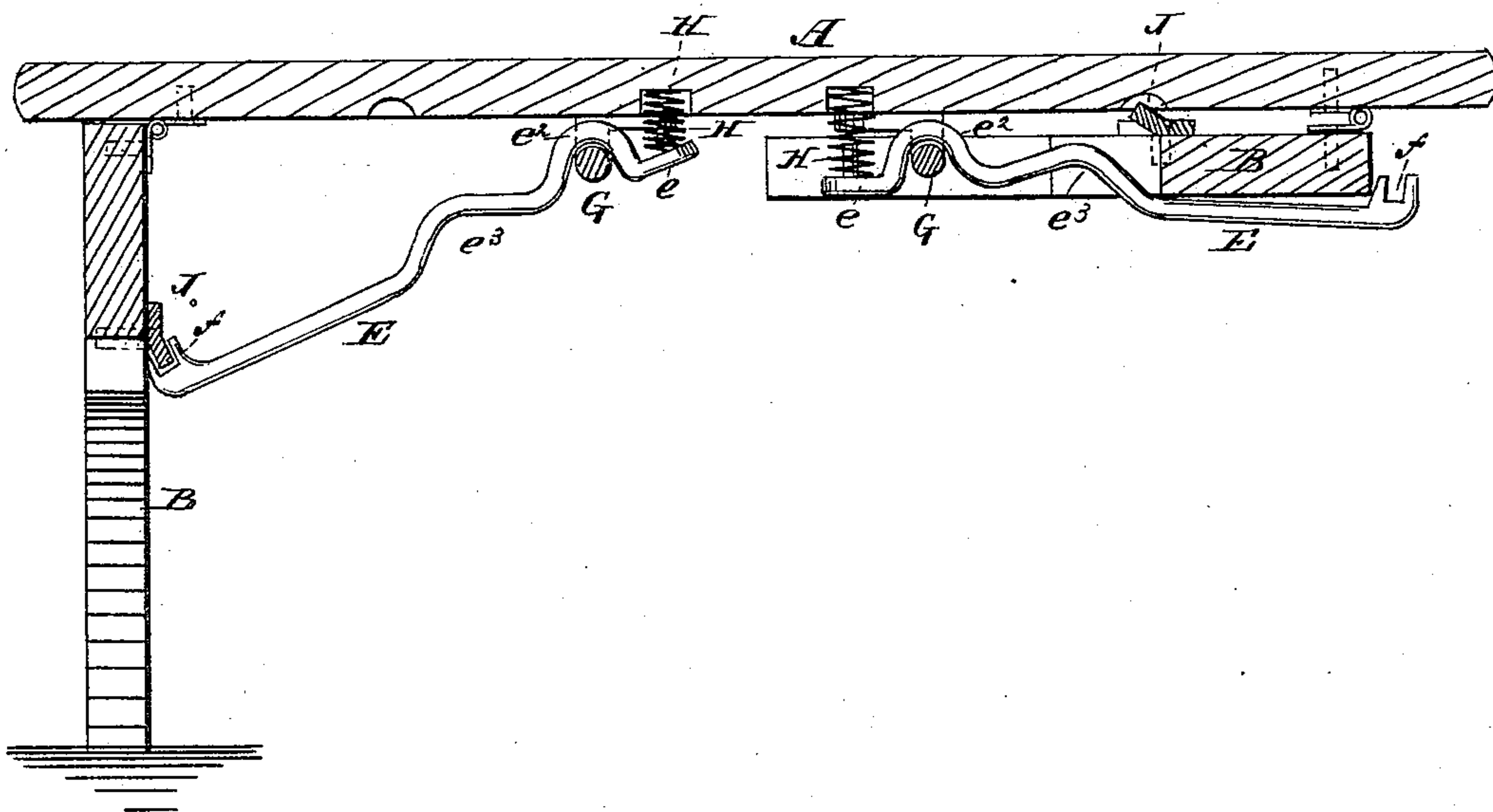


Fig. 2.



WITNESSES:

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TABLE.

SPECIFICATION forming part of Letters Patent No. 246,217, dated August 23, 1881.

Application filed September 27, 1880. (Model.)

To all whom it may concern:

Be it known that I, GEORGE F. SARGENT, of the city, county, and State of New York, have invented a new and useful Improvement in Tables; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to certain improvements on those for which Letters Patent were granted to Robert M. Lambie and myself under date of December 14, 1875, No. 171,145, and to Robert M. Lambie under date of October 15, 1878, No. 208,912. In the first-mentioned patent each pair of legs is made in one section. In the last-mentioned patent each pair of legs is made in two sections, one sliding outside of the other, in order to adjust the height of the table. In both patents the brace E, which supports the legs when unfolded, has one end hinged or pivoted to the leg-frame, and its other end slides under the table-top. In the present invention the brace for supporting the legs when unfolded is pivoted to the table-top instead of to the leg-frame; and, like the patents above referred to, the invention is applicable to tables of various descriptions, and also to foot-rests, seats or benches, and other articles.

The invention consists, essentially, in a novel construction and form of the brace which supports the legs when unfolded, and a novel arrangement of the same and of devices connected therewith, as hereinafter particularly described.

In the accompanying drawings, Figure 1 is a plan view of the under side of a table embodying my improvements. Fig. 2 is a longitudinal vertical section of the same.

Similar letters of reference indicate corresponding parts.

A represents the table-top, and B the leg-frame hinged thereto. This leg-frame may be of any suitable material and construction.

E represents the brace or bar which supports the legs when unfolded, as described in the patents before referred to. Instead, however, of being pivoted or hinged to the leg-frame and sliding under the table-top, this brace or bar E is pivoted to the table-top in the manner hereinafter described, and engages

with a crotch or recess in the leg-frame. The brace or bar E has one end flattened and formed into a thumb-piece, *e*. From this thumb-piece the bar is curved in semicircular form, as shown at *e*². From thence it is straight for a short distance and then curved, as shown at *e*³. From thence it is straight to the extreme end, where it is provided with a fork, *f*, for engagement with the crotch or recess in the leg-frame.

G represents a loop or keeper provided with two perforated lugs, by means of which it is secured to the under side of the table-top by screws. This loop or keeper engages with the curve *e*² of the brace or bar E, and forms the fulcrum for said brace or bar, which thus becomes a lever of the first kind.

Between the thumb-piece *e* and the under side of the table-top A is a spring, H, which may be of any suitable description, but is here shown as a coiled-wire spring. This spring, pressing outward on the thumb-piece *e*, has a tendency to keep the longest part of the brace or bar E pressed against the leg-frame B, so as to hold said leg-frame in position when either folded or unfolded. When the leg-frame is folded against the table-top it is so held by the pressure of the brace or bar thereon. When it is unfolded to support the table it is held by the engagement of the fork *f* with the crotch or recess, which is here shown as provided with a plate, J, to prevent wear and friction.

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

The combination, with the table-top A, provided on its under side with the loop G, a spring, H, and the divided or crotched hinged leg B, provided with the plate J, of the bar E, provided with the curve *e*², supported by the loop G, and having the thumb-piece *e* and the forked end *f*, for engaging the plate on the leg, the said leg being adapted to fold up against the under side of the table-top and be supported in such position by the free end of the bar E, substantially as described.

GEO. F. SARGENT.

Witnesses:

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