

J. Sutter, *Folding Table,*

N^o 40,513.

Patented Nov. 3, 1863.

Fig. 1.

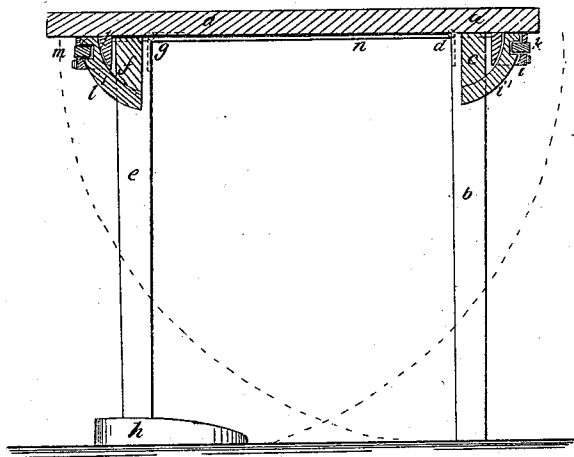


Fig. 2.

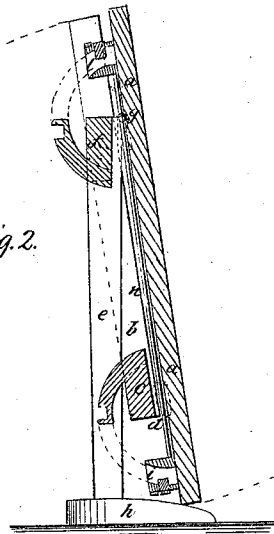


Fig. 3.

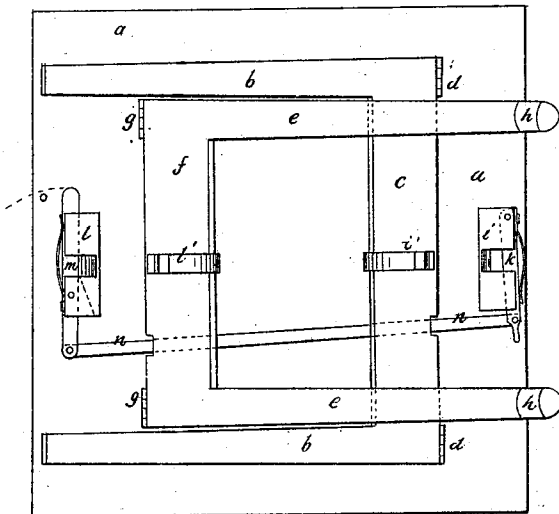


Fig. 4.

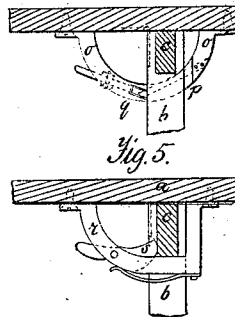
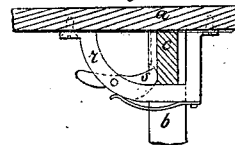


Fig. 5.



Witnesses.
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UNITED STATES PATENT OFFICE.

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IMPROVED FOLDING TABLE.

Specification forming part of Letters Patent No. **40,513**, dated November 3, 1863.

To all whom it may concern :

Be it known that I, JOSEPH SUTTER, of the city and State of New York, have invented, made, and applied to use a certain new and useful Improvement in Folding Tables; and I do hereby declare the following to be a full, clear, and exact description of my said invention, reference being had to the annexed drawings, making part of this specification, wherein—

Figure 1 is a section of my table as open for use. Fig. 2 is a section of the same as closed or folded for standing aside, and Fig. 3 is an inverted plan of the table in its folded position.

Similar marks of reference denote the same parts.

Tables have heretofore been made to turn up into a vertical or nearly vertical position upon one or two standards, in order that said tables may be stood aside and occupy less room than horizontal for use.

The nature of my said invention consists in two pair of folding legs, kept in position, when the table is horizontal, by spring-latches, but which legs are so fitted and placed that one pair is turned or folded up against the under side of the table while the table itself is folded down against the other pair of legs, which have feet in order that they may keep the table and legs in an upright position when folded.

In the drawings, *a* is the table top, of any desired size, character, or material. *b b* are the moving pair of legs, united by the rail *c* and hinged at *d* to the table *a*. *e e* are the standing pair of legs, that are closer together than the legs *b b*, and are united by the rail *f* and hinged at *g* to the bed *a*. *h h* are feet formed at the ends of the legs *e e*, so that they will stand up and sustain the table in its folded situation, as in Fig. 2.

In order to hold the legs in an unfolded position, Fig. 1, I employ spring-catches, of any

suitable character. In Figs. 1, 2, and 3 I have shown a block, *i*, with a spring latch, *k*, taking the end of the curved catch *i'* from *c*, and a block, *l*, and spring-latch *m*, taking a curved catch, *l'*, extending from *f*. *n* is a bar or rod connecting the ends of the spring latches *k m*, so that they may both be simultaneously disconnected. By this arrangement the legs *b b* can be disconnected from the spring-latch and folded up under the bed *a*, and then the moving edge of the table lowered, turning on the hinges *g*, until the table assumes the position, or nearly so, shown in Fig. 3.

I would remark that the table should be wider than the length of the legs, or else the upper ends of the legs *a a* would show above the edge of the table as folded, Fig. 2, and the hinges *g'* must be farther from the edge of the table than the hinges *d*, in order that the length of legs *e e* may be sufficient to keep the edge of the table *a* from the floor.

In Fig. 4 I have shown an arc, *o*, with a stop at *p* and a latch at *q*, to take the sides of the leg when untolded for use; and in Fig. 5 I have shown a quarter circle, *r*, and spring-latch *s*, to take the cross-rail (*c* or *f*) for the purpose of sustaining the legs when the table is in use. Either of these devices might be substituted for the spring-latches shown.

What I claim, and desire to secure by Letters Patent, is—

1. The folding pairs of legs *b b* and *e e*, hinged to the table and folding as specified, in combination with the foot-pieces *h h*, for the purposes specified.

2. Retaining the legs (fitted to fold as specified) when the table is open by means of spring-latches applied and acting as set forth.

Dated February 25, 1863.

JOSEPH SUTTER.

Witnesses:

LEMUEL W. SERRELL,
CHAS. H. SMITH.