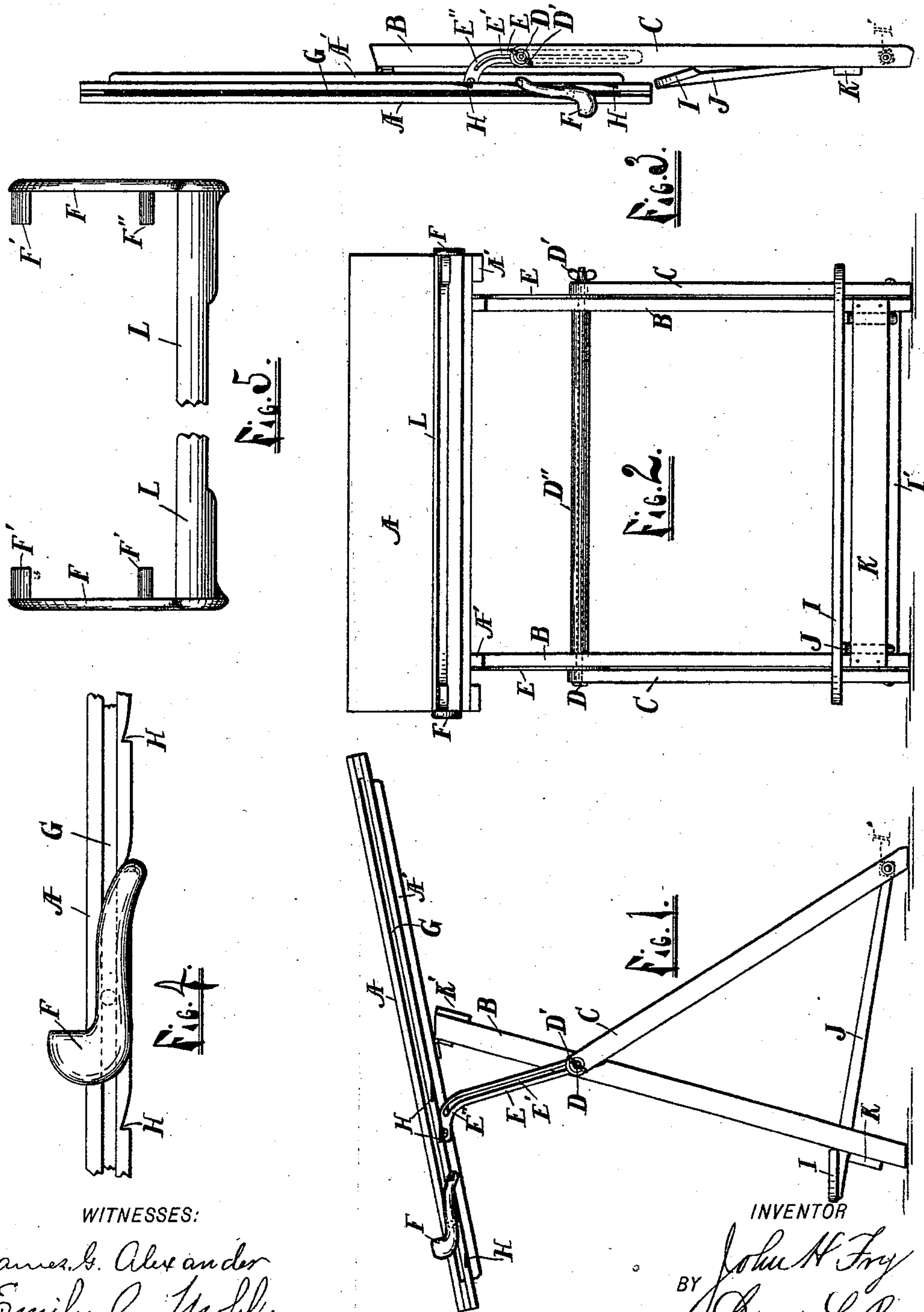


(No Model.)

J. H. FRY.
FOLDING DRAFTING TABLE.

No. 527,017.

Patented Oct. 2, 1894.



WITNESSES:

James S. Alexander
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UNITED STATES PATENT OFFICE.

JOHN H. FRY, OF GRAND RAPIDS, MICHIGAN, ASSIGNOR OF ONE-HALF TO
JAMES G. ALEXANDER, OF SAME PLACE.

FOLDING DRAFTING-TABLE.

SPECIFICATION forming part of Letters Patent No. 527,017, dated October 2, 1894.

Application filed March 22, 1894. Serial No. 504,744. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. FRY, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Folding Drafting-Tables; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to a folding drafting table. My object is to construct a light, strong, easily adjustable article of this class, folding compactly into a small compass and having certain advantages in arrangement which will be noticed from the description, and consists in the construction, combination and arrangement of the various parts hereinafter described and pointed out in the subjoined claims, reference being had to the accompanying drawings, wherein—

Figure 1 is a side and Fig. 2 a front view of my table open. Fig. 3 shows the same folded, and Figs. 4 and 5 show details.

A represents the top and has paired cleats A' A' secured to its under side near its opposite ends and is hinged to the paired tops of the long legs B, B, which are connected together by bars K K' at the upper and lower ends respectively.

C, C, represent the paired short legs, which are pivoted to the legs B, B, at their upper ends by the rod D which passes through the hollow tube D'' arranged between the legs B, B, nearer their upper than their lower ends and has the hand nut D' for adjustment and have their lower ends connected by the bar I' pivoted between the same, to which are attached the ends of the paired bars J connecting the bars I and I', the bar I engaging the lower ends of the legs B, B, when the device is open to form a stop and prevent the legs from spreading.

E, E, are paired flat braces arranged between the legs B and C having curved upper portions E'' E'' and longitudinal slots E' which engage the ends of the bar D and have their upper ends pivoted to the cleats A' on

the top A, thus forming a continuation of the legs C, C, connecting the upper ends thereof to the top.

L is a sliding rail or bar having end pieces F having studs F'' which slide along the groove G in the edge of the top and studs F' which engage the notches H, H, to form a stop for said bar when at rest.

When folded as in Fig. 3, to unfold the device, loosen the hand nut D', raise the lower edge of the top to the angle desired and fasten the same by turning the nut, press down upon the bar I thereby pushing out the lower ends of the legs C. The bar I engages the legs B and prevents spreading. The top A may now be adjusted at any angle of inclination desired or placed horizontal and secured in such position by turning the nut D' as stated. The bar L forms an adjustable rail to hold articles from rolling off the top when inclined. To fold the table reverse the process. The bar E being curved as shown enables the top to be placed parallel with the long legs B thus folding the structure into a compact form convenient for transportation.

I claim—

1. The combination of the top A, having cleats A', secured to the under side thereof, the paired long legs B, B, having their upper and lower ends connected together by the bars K' and K, respectively and their upper ends hinged to the under side of said top, the paired short legs C, C, pivoted at their upper ends to the long legs B, the rod D, tube D'' and nut D' and the flat braces E, E, connecting the upper ends of the legs C, to the top A, having the upper portions curved as shown and pivoted to cleats A' and the slot E' engaging the rod D, whereby the said top is tilted and secured in an inclined position or folded and secured in a position parallel to said long legs B, substantially as set forth.

2. The combination with the top A, the paired legs B, B, hinged thereto as set forth, the paired short legs C, C, pivoted at their upper ends to the long legs B, B, the rod D, tube D'' and nut D' the flat braces E, having

curved portion E'', and slot E, arranged as shown, the bar I' connecting the lower ends of legs C, the bar I, arranged against the outside of legs B, and paired bars J, connecting
5 the bars I, and I', substantially as and for the purposes set forth.

3. In combination with the top A having the groove G and notches H in its edge, the movable rail L having end piece F provided

with studs F'' and F' substantially as and for the purposes set forth.

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

JOHN H. FRY.

Witnesses:

DENNIS L. ROGERS,
EMILY C. MOHL.