G. H. DYETT.
Adjustable Tables.

No. 196,203. Patented Oct. 16, 1877.

Fig. 1.

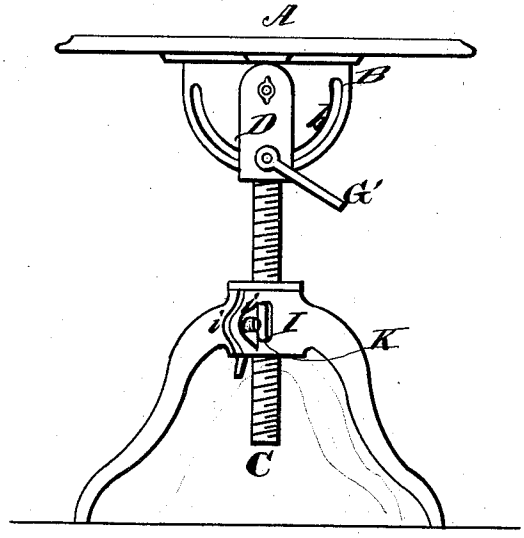


Fig. 2.

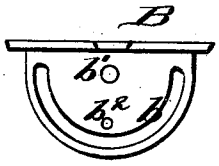


Fig. 3.

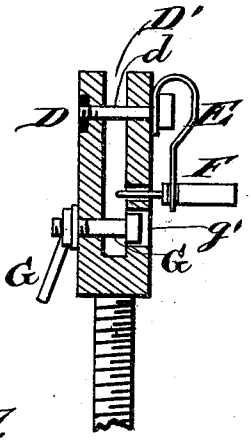


Fig. 4.

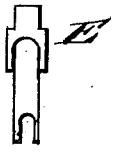


Fig. 5.



Fig. 6.

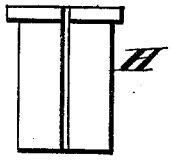


Fig. 7.

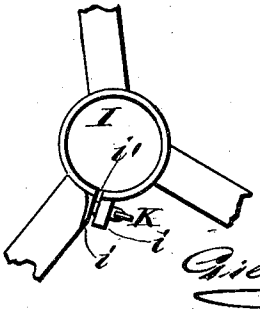
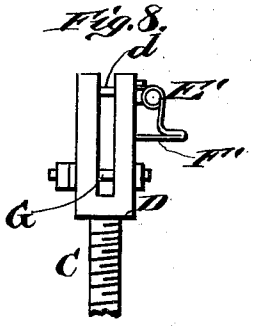


Fig. 8.



WITNESSES

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UNITED STATES PATENT OFFICE.

GEORGE H. DYETT, OF ILION, NEW YORK.

IMPROVEMENT IN ADJUSTABLE TABLES.

Specification forming part of Letters Patent No. **196,203**, dated October 16, 1877; application filed March 17, 1877.

To all whom it may concern:

Be it known that I, GEORGE H. DYETT, of Ilion, in the county of Herkimer and State of New York, have invented a new and valuable Improvement in Adjustable Tables; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a side elevation of my adjustable table; and Figs. 2, 3, 4, 5, 6, 7, and 8 are detail views thereof.

This invention has relation to tables; and the novelty consists in the construction and arrangement of the parts, as will be hereinafter more fully set forth, and pointed out in the claim.

In the accompanying drawings, A designates the circular top of a table, and B a downwardly-extending semicircular metal plate or casting rigidly secured to the under side thereof, and provided near the bottom with a curved slot, *b*. Said plate has a perforation, b^1, in its upper part, near the middle thereof; and below this perforation is a small depression or indentation, b^2, just above the middle of slot *b*.

C designates a stout screw-threaded rod, which has on its upper end a block, D, that is vertically cleft at D′ from the top downward, so as to embrace said plate B. Through the upper part of said block, as also through perforation b^1, passes a pintle, *d*, that serves as a pivot for said plate B and top A. It also attaches to said block D one end of a spring, E, which operates to press a locking-pin, F, through a perforation in one side of said block D into engagement with said depression b^2, when the two are made to coincide in position. This occurs whenever the said top A occupies a perfectly horizontal position, and it is then locked by said engagement of said pin with said depression, so as to be adapted to use as a center-table.

G designates a bolt which passes through said slot *b*, and through the sides of said jaw D. The side of said jaw which receives the head of said bolt has a large opening, *g*′, so as to allow said head to be drawn against plate B (said head being broader than slot *b*) by means of a thumb-nut or small screw-tapped lever, G′, that engages with the other end of said bolt. By means of said nut the said plate B may be loosened from block D, so as to turn on its pivot until top A has any desired degree of inclination, suitable for writing and other purposes, when, by turning said nut in the opposite direction, said top A may be clamped in said inclined position.

Screw-threaded rod C passes down through a divided nut, H, set into a divided cylinder, I, formed in the top of a supporting-tripod, J. Said cylinder I is provided with flanges *i i* on each side of its cleft *i*′, and a clamping-screw, K, works through screw-tapped perforations in said flanges, so as to bind together the parts of said cylinder and said nut H. A fixed screw-threaded rod and a clamping-nut of any convenient form, or any other suitable clamping device, may be substituted for the clamping-screw K. Said rod C may be adjusted up or down in nut H, so as to vary the height of the table (whether flat or inclined) at will, and all wear incident to such adjustment is taken up by clamping-screw K, or the devices substituted therefor.

Fig. 8 shows a detail in which the locking-pin F′ is in one piece with the spring E′, both being formed from a bent wire, and attached to block D independently of the pivot-pintle *d*. Nut H and cylinder I may be in one piece.

A single round leg or standard may be substituted for the tripod vertical screw-threaded adjusting-rod without interfering with the devices for adjusting the inclination of top A.

This device may be conveniently used as a looking-glass stand, and for other purposes where inclination is desirable, as well as for a table.

I do not claim a screw-threaded spindle playing in a cleft nut having a pinch-screw to cause it to gripe the spindle; nor do I claim a telescoping standard sliding in an outer tubular support having a split end and provided with a clamping-screw.

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

A tripod having its legs rigidly connected together by a divided cylinder, I, having perforated flanges *i i* and clamping-screw K, in combination with the divided nut H and screw-threaded table-standard C, substantially as described, and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

GEO. H. DYETT.

Witnesses:

REUBEN WRIGHT,

HOMER J. BANKER.