

No. 808,534.

PATENTED DEC. 26, 1905.

C. H. GARDINIER.
ADJUSTABLE TABLE.

APPLICATION FILED FEB. 4, 1904.

2 SHEETS—SHEET 1.

FIG. 1.

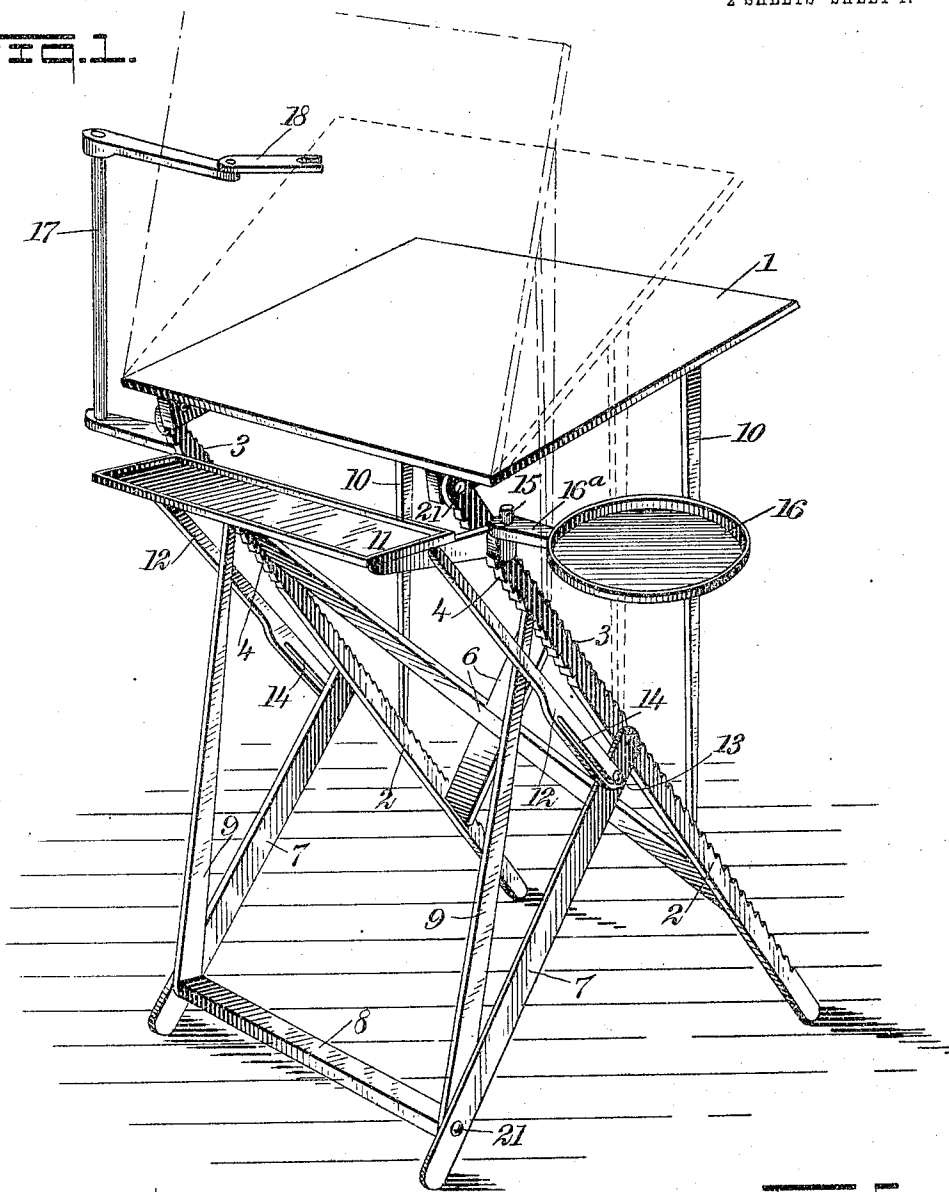


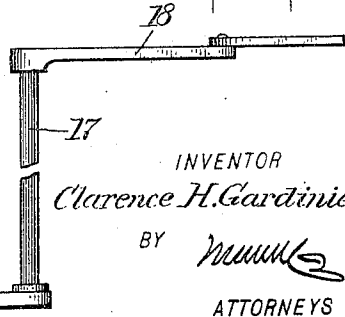
FIG. 2.



WITNESSES:

W. M. King
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FIG. 3.



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2 SHEETS—SHEET 2.

FIG. 1.

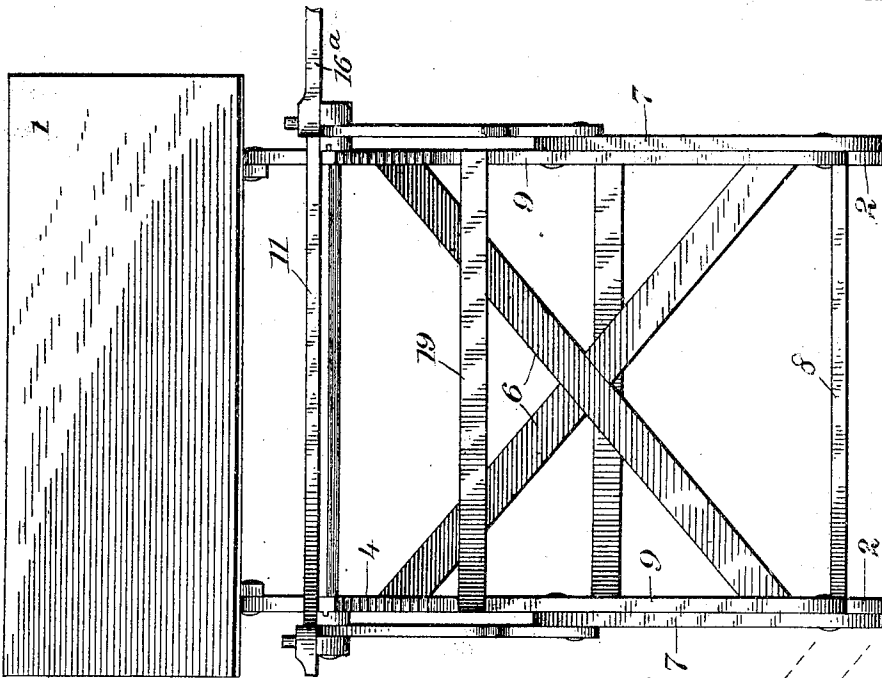
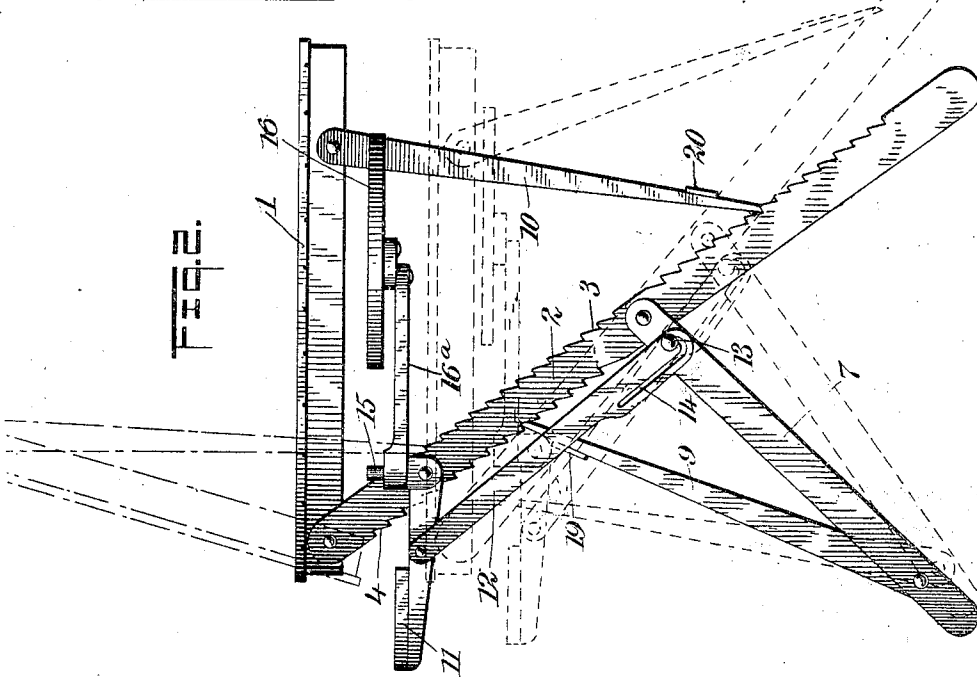


FIG. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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ADJUSTABLE TABLE.

No. 808,534.

Specification of Letters Patent.

Patented Dec. 26, 1905.

Application filed February 4, 1904. Serial No. 191,956.

To all whom it may concern:

Be it known that I, CLARENCE HAYNES GARDINIER, a citizen of the United States, and a resident of Rensselaer, in the county of Rensselaer and State of New York, have invented a new and Improved Adjustable Table, of which the following is a full, clear, and exact description.

My invention relates to that class of articles of manufacture which may be used for various purposes, such as drafting-tables, sewing-tables, card-tables, type-writer desks, studying-tables, china painters' tables, sick-room tables, artists' easels, &c.

The objects of my invention are to produce a device of the character mentioned which will be collapsible, folding into a small space, and will be adjustable to various heights and angles.

Further objects are to provide for adjustments in such a manner that they may be made by the user of the table without rising from the chair or materially changing position.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of a preferred form of my invention, showing in dotted lines several positions in which the table-top is capable of being placed. Fig. 2 is an end elevation also showing several positions in dotted lines. Fig. 3 is a front elevation. Fig. 4 is a plan view, and Fig. 5 an elevation of a detail.

In the drawings, 1 represents a flat plate or board constituting the table-top, to which are pivoted two parallel legs 2, provided with notches 3 and 4 on opposite edges. These legs may be strengthened by braces 6, if desired. Legs 7 are pivoted to the legs 2 and are connected at the bottom by a bar 8. Pivoted to the legs 7 are struts 9, which when the table is in use extend upwardly and catch in the notches 4 to hold the parts in position and cause the four legs to support the table-top. Upon the bottom of the outer end of the table 1 is pivoted a pair of struts 10, which extend downwardly and when in operating position engage in the notches 3 for the purpose of holding the table-top in any desired position. It will be seen from the construction described that by moving the struts 9 into different notches 4 the height of the table may be varied at will within certain limits and that by adjusting the struts 10 in the notches 3 the angle of the table-top may be

adjusted through a wide range, as shown by dotted lines.

The table may be provided with attachments of various kinds, some of which are illustrated in the drawings.

11 represents a shelf which is in part supported by a pair of links 12, pivoted to the legs 7 by means of the studs 13, projecting through slots 14 in the lower part of the links 12, which slots extend longitudinally of the links and have a curved portion at their lower ends. The shape of the slots 14 is such that the shelf may be folded back upon the legs 2 in an obvious manner.

Upon one of the legs 2 is a support 15, to which may be attached any convenient device desired—as, for example, a tray 16, provided with a supporting-arm 16^a. Upon the other leg 2 is a similar support 15, to which may be attached in a similar manner another supporting device 17, which is shown in the drawings as provided with an arm 18, adapted to receive an incandescent electric lamp; but it is obvious that it could be used to support a light of any kind or, in fact, anything which would be useful in that position.

The struts 9 may, if desired, be connected together by a bar 19 and the struts 10 by a bar 20 for additional strength. These parts are not necessary, however, and have not been illustrated in Fig. 1, but are shown clearly in Fig. 2.

In effecting the joints of the legs, struts, and links I prefer to use hardwood pins, passing through both pieces to be jointed within a short distance of the surface of the outer one, and place a button having a boss the size of the pin and extending into the hole in the outer end of the pin, leaving a short space to take up wear on the pins and the table. These pins are shown at 13 and 21.

It will be obvious that my invention affords a table which can be applied to the uses mentioned above and to others which will readily suggest themselves to the public, that it will be easily operated from the chair or stool placed in front of it to adjust the height and angle of the table, and that it will be easily folded into a small compass and may be provided with any attachments desired. It may be used by a person in a standing or sitting position.

A table of this construction would be very useful in schools and in the rooms of students and other places where room is lacking.

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

1. In an article of the character described, the combination of a top piece, a pair of legs
5 for supporting it, means for supporting and adjusting the legs, comprising a second pair of legs pivoted to the first pair, and a pair of struts connected with the said second pair of legs and adapted to engage the first pair at
10 any desired point, a shelf pivoted to said first pair of legs, and a pair of links pivotally connected with said shelf and with said second pair of legs whereby the swinging of the second pair of legs about their pivots will cause
15 the shelf to be simultaneously swung about its pivots.

2. In an article of the character described, the combination of a top piece, a pair of legs attached thereto, and having notches on their
20 upper and lower edges, a pair of struts pivoted to the top piece and adapted to engage in any of said upper notches, a pair of legs pivoted to said legs, a pair of struts connected with said second pair of legs and adapted
25 to engage in any of said lower notches for supporting said first-mentioned legs in an in-

clined position, a shelf pivoted to said first pair of legs, and a pair of links adapted to support said shelf in a horizontal position, and connected with the second pair of legs for
30 permitting said links to be lowered in order to move the shelf from a horizontal position.

3. In an article of the character described, the combination of a top piece, a pair of legs for supporting it, means for supporting and
35 adjusting the legs comprising a second pair of legs pivoted to the first pair and means on said second pair of legs for engaging the first pair at any desired point and holding them in fixed position, a shelf pivoted to the first pair
40 of legs, a link pivotally connected with said shelf and having a slot provided with a curved portion, and a pin attached to one of said second pair of legs and passing through said slot.

In testimony whereof I have signed my name
45 to this specification in the presence of two subscribing witnesses.

CLARENCE HAYNES GARDINIER.

Witnesses:

JOS. C. HICKEY,
JOHN F. MINNYEO.