

(No Model.)

N. SOLT.
TRACING TABLE.

No. 252,906.

Patented Jan. 31, 1882.

Fig. 1.

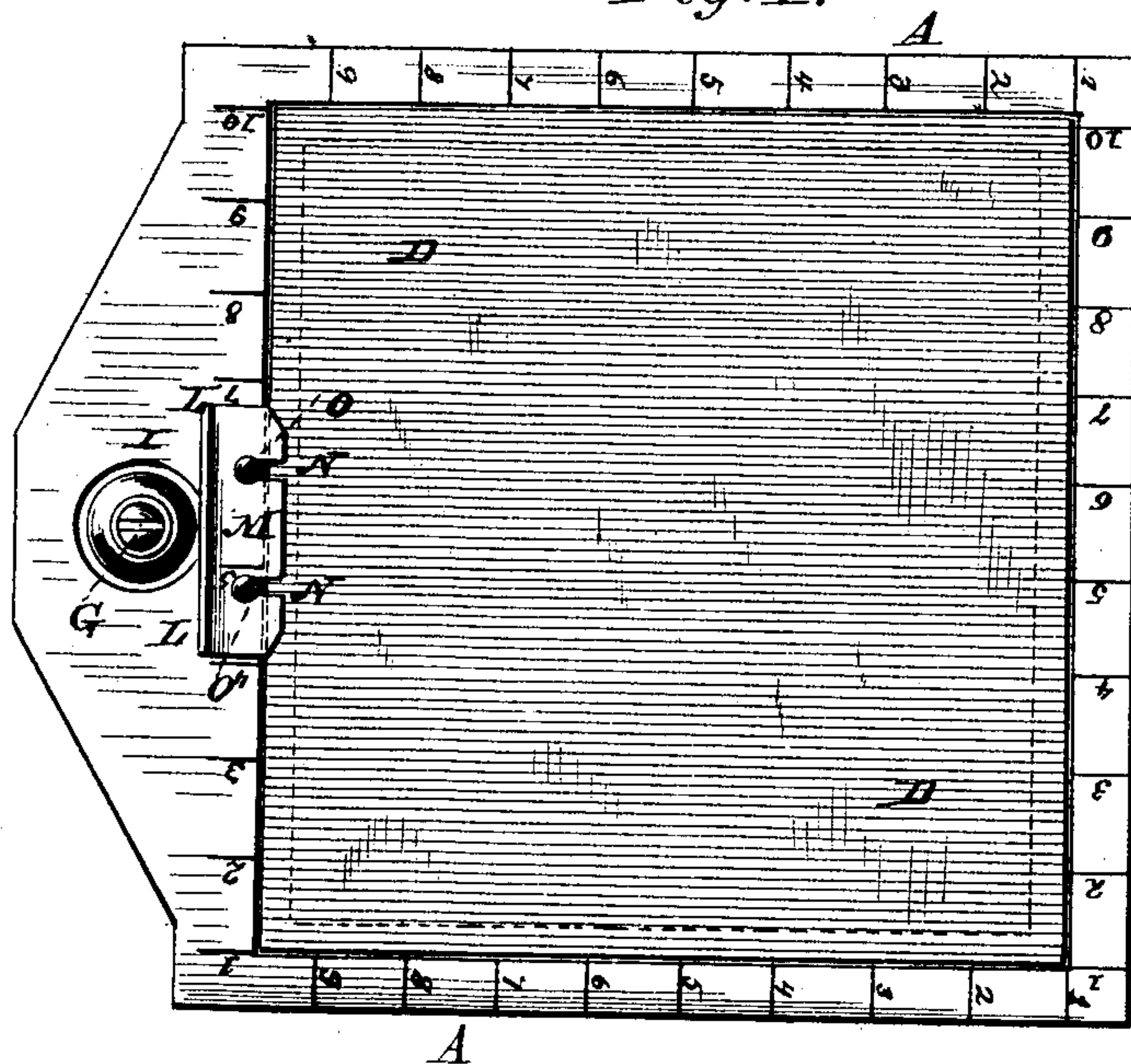
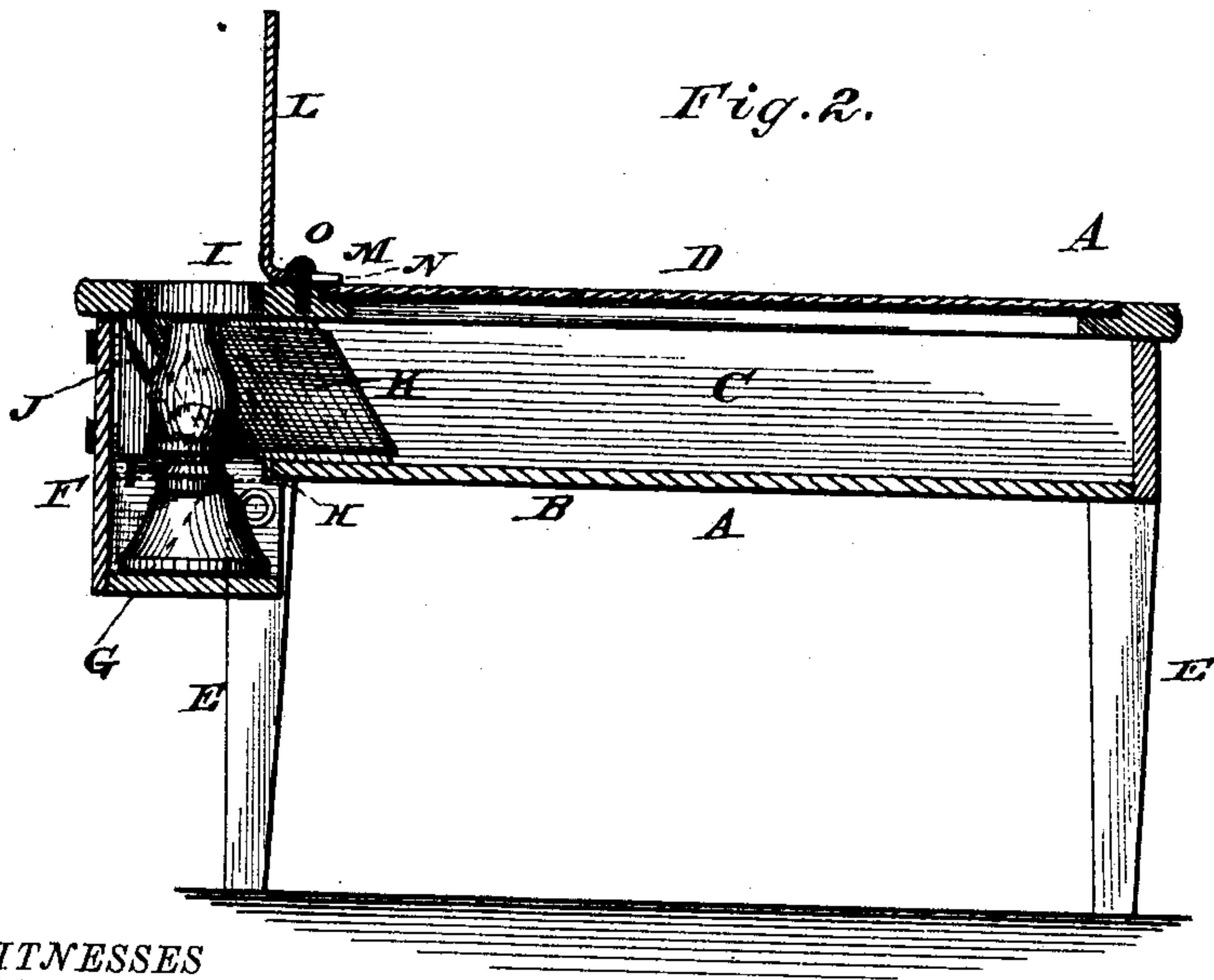


Fig. 2.



WITNESSES

Wm. G. Dietrich
J. H. Dietrich

INVENTOR

Nathan Solt
by *Chas. Snow & Co.* Attorneys

UNITED STATES PATENT OFFICE.

NATHAN SOLT, OF WEISSPORT, PENNSYLVANIA.

TRACING-TABLE.

SPECIFICATION forming part of Letters Patent No. 252,903, dated January 31, 1882.

Application filed December 14, 1881. (No model.)

To all whom it may concern:

Be it known that I, NATHAN SOLT, of Weissport, in the county of Carbon and State of Pennsylvania, have invented certain new and useful Improvements in Tracing-Tables; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a top view, and Fig. 2 is a vertical sectional view.

Similar letters of reference indicate corresponding parts in both figures.

This invention relates to what I term a "tracing-table" for the use of architects and others in making tracings or copies of drawings, as well as for the amusement and instruction of children in learning drawing and penmanship; and it consists in an improved construction and arrangement of parts, which will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, A represents a box or case consisting of a bottom, B, and sides C, which have flanges or ledges to support the top D, which consists of a sheet or pane of glass. The box or case A may, as in the drawings, be supported upon legs E, so as to form a table of the proper height; or the said legs may be dispensed with, and the box may in practice simply be placed upon an ordinary table.

The side of box A is provided at one end with a hinged door, F, to admit a lamp, G, which may be an ordinary suitably-constructed coal-oil lamp. The bottom of the table may at this point be recessed or provided with an opening, H, and the lamp supported upon a suitable shelf attached to the door, or be placed in a chamber or closet formed under the bottom of the table and constructed in any suitable manner. The top of the table is to be provided with an opening, I, for ventilation.

The end of the table at which the lamp is arranged has slanting or diagonal sides J, which may be provided with mirrors or reflect-

ors K, so arranged as to throw the light up against the under side of the glass D.

L is a shade consisting of a piece of sheet metal, provided at its lower edge with a flange, M, having notches N. The top of the box is provided, closely adjoining the opening I, with studs O, upon which the shade may be adjusted, as shown, with a portion projecting over the glass top D, which may thus be locked or held in place. The shade L serves to screen the top of the table from light, and also serves to prevent paper and drawing materials from being pushed over the flame of the lamp arranged below.

The upper edges of the sides of the table may be graduated or subdivided into inches, &c., to assist or facilitate in measurements.

From the foregoing description, taken in connection with the drawings hereto annexed, the operation of my invention will be readily understood. By placing a lighted lamp in its proper position, as indicated in the drawings, and the work upon the glass top D, the work is illuminated from below, and copies or tracings may be made upon comparatively thick paper, especially if the room in which the device is used be darkened. When not in use the paper and drawing materials may be placed for safe keeping in the box A by raising the top D.

This device is exceedingly simple and convenient, and may be manufactured at a small cost.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. The combination, with the box or case A, having glass top D, opening I, and door F, of the lamp G, substantially as and for the purpose set forth.

2. The combination of the box or case A, having a removable glass top, D, opening I, studs O, and door F, with the lamp G and the shade L, having notched flange M, substantially as and for the purpose set forth.

3. The combination of the box or case A, having a glass top, D, and slanting or diagonal sides J, with the lamp G and the mirrors or reflectors K, substantially as and for the purpose set forth.

4. The box or table A, having a glass top, D, and graduated sides, in combination with the lamp G, substantially as set forth.

5. The herein-described tracing-table, consisting of the box or case A, having a glass top, D, opening I, studs O, door F, and graduated sides, in combination with the lamp G, mirrors or reflectors K, and shade L, having notched flange M, substantially as and for the
10 purpose shown and specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

NATHAN SOLT.

Witnesses:

FRANCIS YUNETT,
HENRY BOYER.