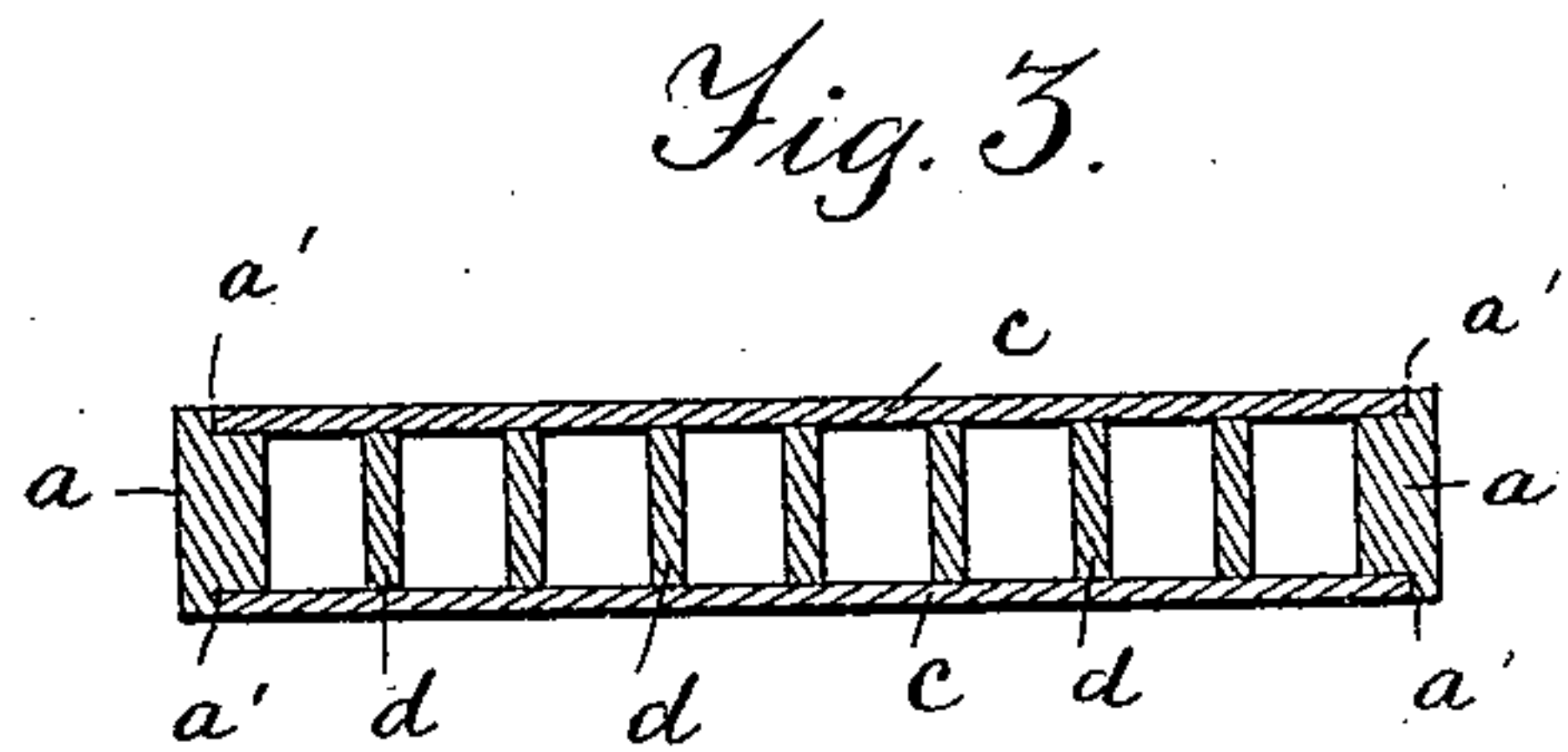
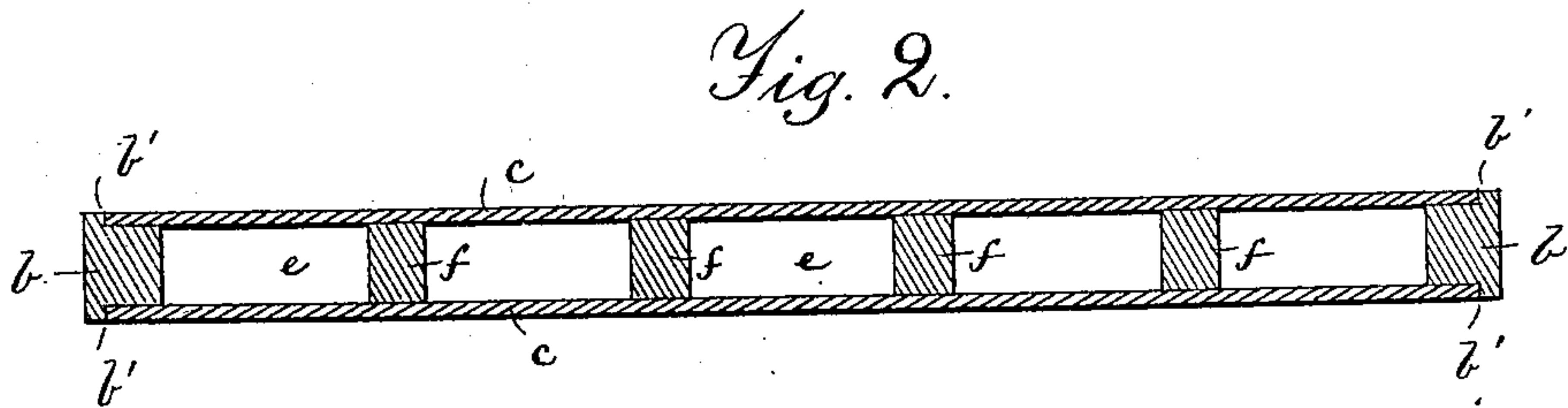
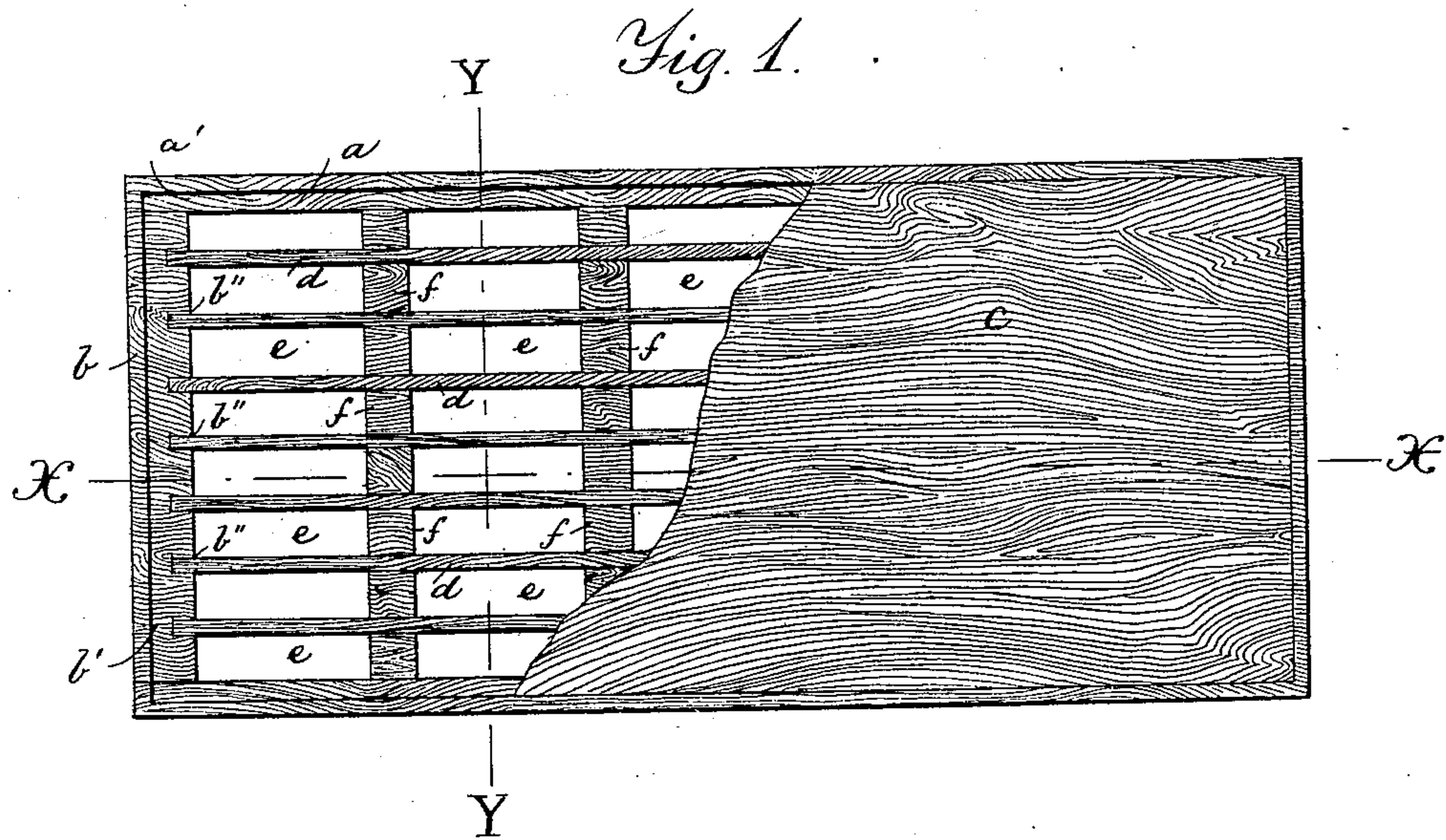


(No Model.)

T. M. WASSENIUS.
TABLE LEAF.

No. 435,337.

Patented Aug. 26, 1890.



Witnesses.

Selma R. Schelin
Mattie J. Jackson

Inventor.

Thorsten M. Wassenius.
by Alban Andrew, his atty.

UNITED STATES PATENT OFFICE.

THORSTEN M. WASSENIUS, OF EAST WATERTOWN, MASSACHUSETTS.

TABLE-LEAF.

SPECIFICATION forming part of Letters Patent No. 435,337, dated August 26, 1890.

Application filed July 22, 1889. Serial No. 318,201. (No model.)

To all whom it may concern:

Be it known that I, THORSTEN M. WASSENIUS, a citizen of the United States, and a resident of East Watertown, in the county of Middlesex and State of Massachusetts, have invented new and useful Improvements in Table-Leaves, of which the following, taken in connection with the accompanying drawings, is a specification.

This invention relates to improvements in table-leaves particularly adapted for dining-room tables, although it may be used for other purposes, where lightness combined with strength is desired, as will hereinafter be more fully shown and described, reference being had to the accompanying drawings, wherein—

Figure 1 represents a top view of the improved table-leaf, showing a portion of the upper covering as removed. Fig. 2 represents a longitudinal section on the line X X, shown in Fig. 1; and Fig. 3 represents a cross-section on the line Y Y, also shown in Fig. 1.

Similar letters refer to similar parts wherever they occur on the different parts of the drawings.

The table-leaf is composed of an inclosing-frame consisting of side pieces *a a* and end pieces *b b*, secured together, and preferably rabbeted at their upper and lower surfaces, as shown at *a' b'* in the drawings, and to such rabbeted side and end pieces are glued the top and bottom veneers or thin plates of wood *c c*, as shown.

Between the end pieces *b b* are arranged a series of longitudinal braces *d d d*, having their ends preferably inserted in notches or recesses *b'' b''* on the interior of the end pieces *b b*, as shown in Fig. 1. Said braces *d d* are of a height equal to the space between the interior of the covering-plates *c c*, to which their top and bottom edges are glued or attached. *e e* are hollow spaces or chambers between the successive braces *d d*, as shown. Between the braces *d d* are located the intermediate wooden blocks *f f*, which are made of suitable lengths, of a width equal to the

space between the successive braces *d d*, and of a height equal to the distance between the interior of the thin covering-plates *c c*. The said blocks *f f* are glued to the said braces *d d* and to the top and bottom covers *c c*, as shown. By this arrangement I am enabled to make a very strong table-top combined with great lightness, and in the manufacture of it the inclosing-frame *a a b b* and the coverings *c c* (or one of the latter only) may be made of rare or costly wood, while the braces *d d* and the intermediate blocks *f f*, not being in sight, may be made of light and comparatively cheaper wood, such as hard or soft pine, whitewood, or other wood, as may be most desirable.

In making the improved table leaf or top I arrange all the component parts thereof in such a manner that the grain of the wood in all said parts extends in the same parallel, or nearly so, direction, as shown in Fig. 1.

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

A table-leaf consisting of the side and end pieces *a b*, having the upper and lower rabbeted edges *a' b'*, the longitudinal parallel braces *d*, mortised in the end pieces, the parallel transverse rows of independent blocks *f*, each block inserted between and secured to two longitudinal braces to provide the spaces or chambers *e*, and said braces and blocks being coextensive in height, but of less height than the thickness of the side and end pieces, and the opposite veneer-sheets secured in the rabbeted edges of the side and end pieces glued to the upper and lower ends of each block and having the grain running in one and the same direction to avoid warping, substantially as described.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, on this 19th day of July, A. D. 1889.

THORSTEN M. WASSENIUS.

Witnesses:

ALBAN ANDRÉN,
MATTIE J. JACKSON.