

No. 631,857.

Patented Aug. 29, 1899.

G. A. MARSH.
TABLE FOR HOLDING PLATE GLASS.

(Application filed Feb. 7, 1898.)

(No Model.)

2 Sheets—Sheet 1.

Fig. 2.

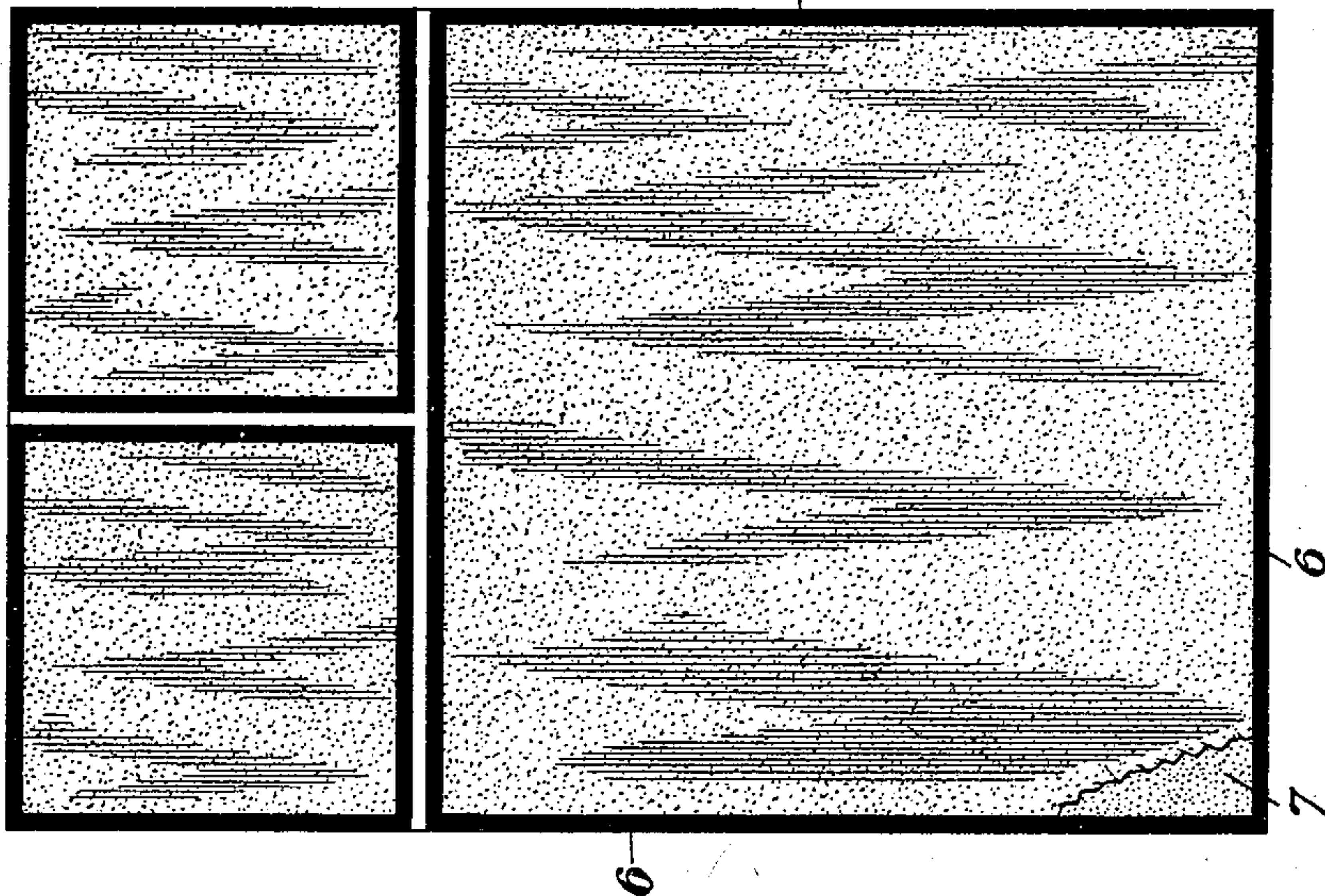


Fig. 3.

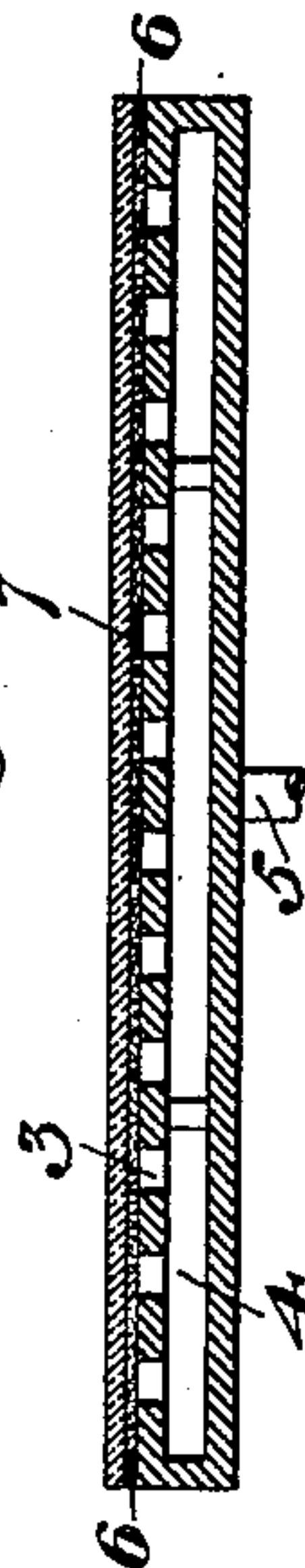
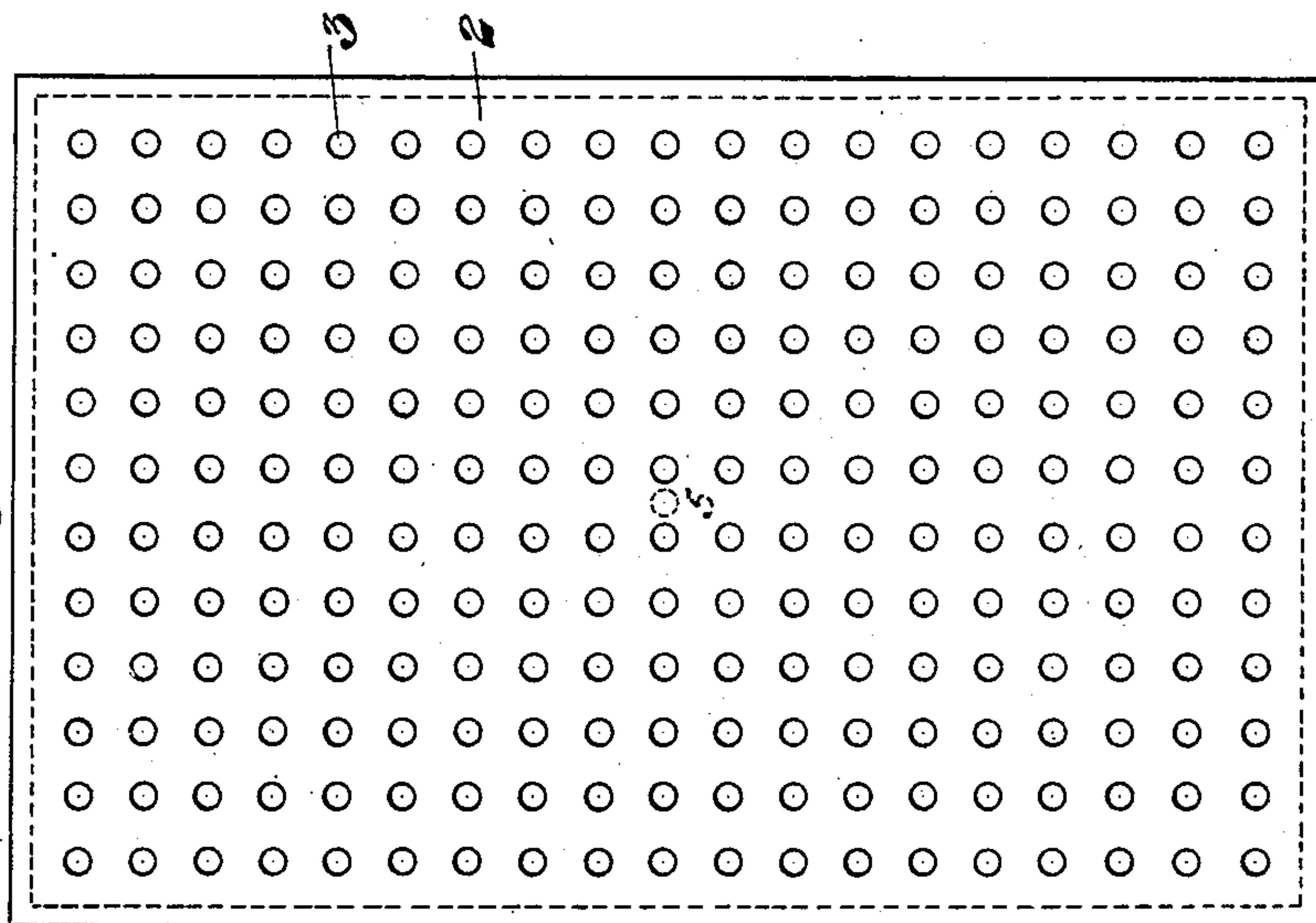


Fig. 1.



WITNESSES

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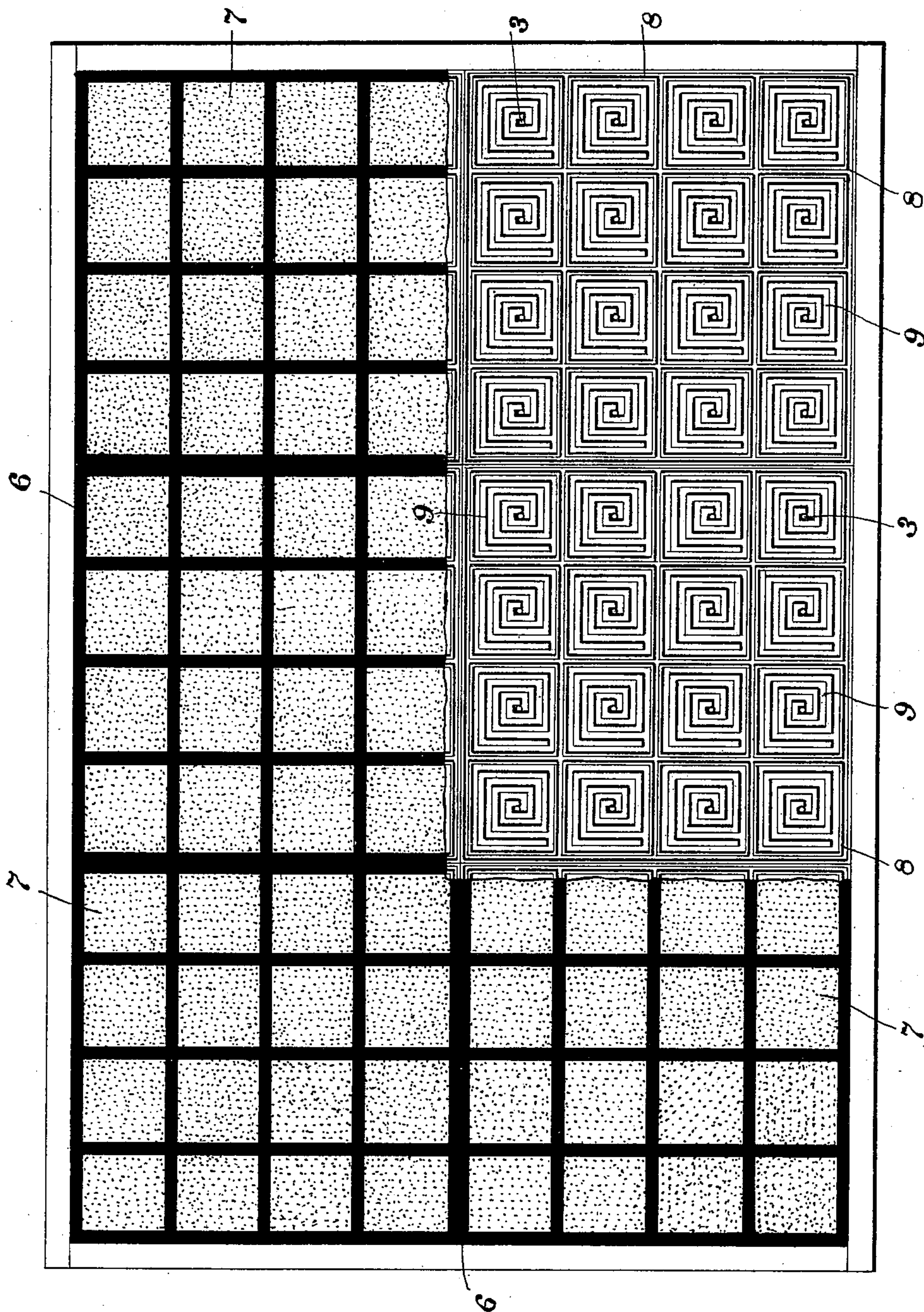
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2 Sheets—Sheet 2.

FIG. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

GEORGE A. MARSH, OF PITTSBURG, PENNSYLVANIA, ASSIGNOR TO THE
MARSH PLATE GLASS COMPANY, OF SAME PLACE.

TABLE FOR HOLDING PLATE-GLASS.

SPECIFICATION forming part of Letters Patent No. 631,857, dated August 29, 1899.

Application filed February 7, 1898. Serial No. 669,440. (No model.)

To all whom it may concern:

Be it known that I, GEORGE A. MARSH, of
Pittsburg, in the county of Allegheny and
State of Pennsylvania, have invented a new
and useful Improvement in Tables for Hold-
ing Plate-Glass, of which the following is a
full, clear, and exact description, reference
being had to the accompanying drawings,
forming part of this specification, in which—
Figure 1 is a top plan view of a table con-
structed in accordance with my invention.
Fig. 2 is a similar view, partly broken away,
with the glass in place thereon. Fig. 3 is a
transverse section of Fig. 2. Fig. 4 is a top
plan view showing the use of my invention
with a modified form or construction of sup-
porting-table.

My invention relates to the vacuum-tables
employed for holding plate-glass during grind-
ing, rubbing, or polishing; and it consists in
an improved construction of such tables and
the packing employed thereon, as hereinafter
more fully described, and set forth in the
claims.

In the drawings, 2 represents a hollow bed
or table having a plain flat top connected by
holes 3 with the vacuum-chamber 4, which
communicates with any suitable vacuum-
forming apparatus by a pipe 5.

In place of a flat plain top I may employ a
table having channels extending transversely
of the table at suitable intervals.

The upper face of the table may be con-
structed with a series of channeled ribs 8,
extending transversely of the table, as shown
in Fig. 4, the recesses inclosed by the inter-
secting ribs forming vacuum-cells 9, such as

are shown and described in my prior patents.
It will be understood that in using such form
of table the channels in the ribs 8 will be
covered with strips of non-porous packing
and that the porous filling will be arranged
over the vacuum-cells within the non-porous
packing. When pieces of cloth or mole-skin
of the same size as the table are employed,
the portions overlying the channeled ribs, as
well as the edges, should be rendered non-
porous, as hereinbefore described.

I claim—

1. A glass-holding table having its top con-
nected with a vacuum apparatus, a non-por-
ous gasket arranged to be placed beneath the
edge portions of the glass sheet, and a porous
filling within the gasket.

2. A glass-holding table having its top con-
nected with a vacuum apparatus, a non-por-
ous gasket arranged to be placed beneath
the portions of the glass sheets to be sealed
and a porous filling of substantially the same
thickness as the gasket and integral there-
with and arranged to support the intermedi-
ate body portion of the glass, substantially
as set forth.

3. A glass-holding table provided with in-
tersecting channeled ribs, non-porous gaskets
arranged above the channeled ribs and por-
ous fillings arranged intermediate of the gas-
kets, substantially as set forth.

In testimony whereof I have hereunto set
my hand.

GEORGE A. MARSH.

Witnesses:

G. I. HOLDSHIP,
C. E. MACKOWN.