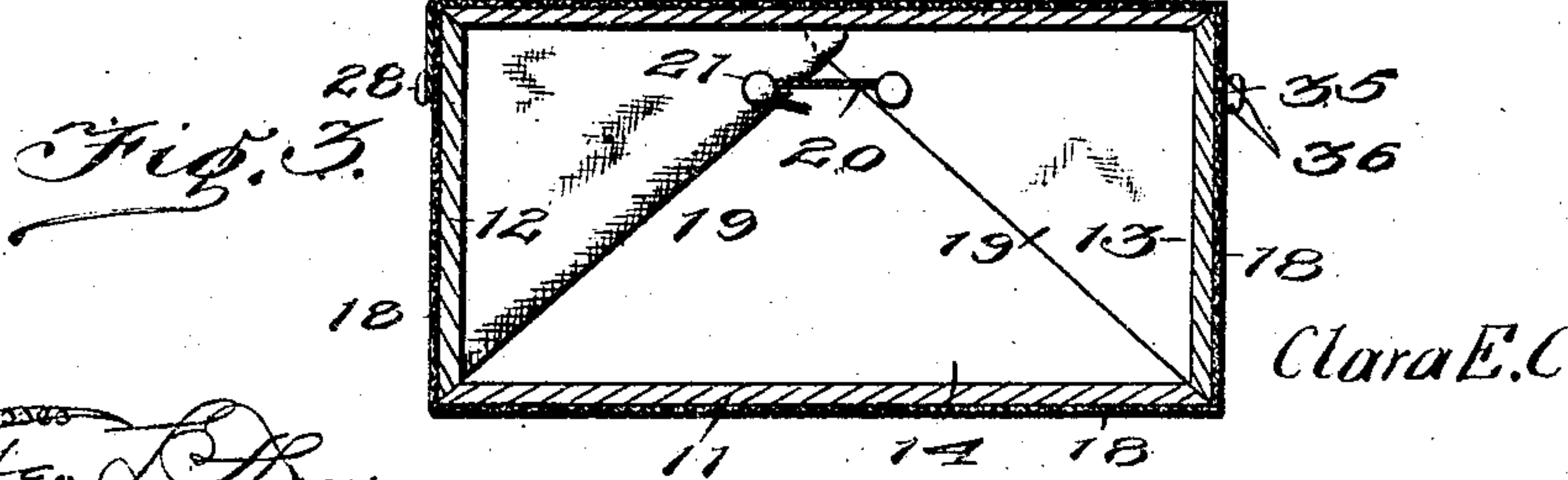
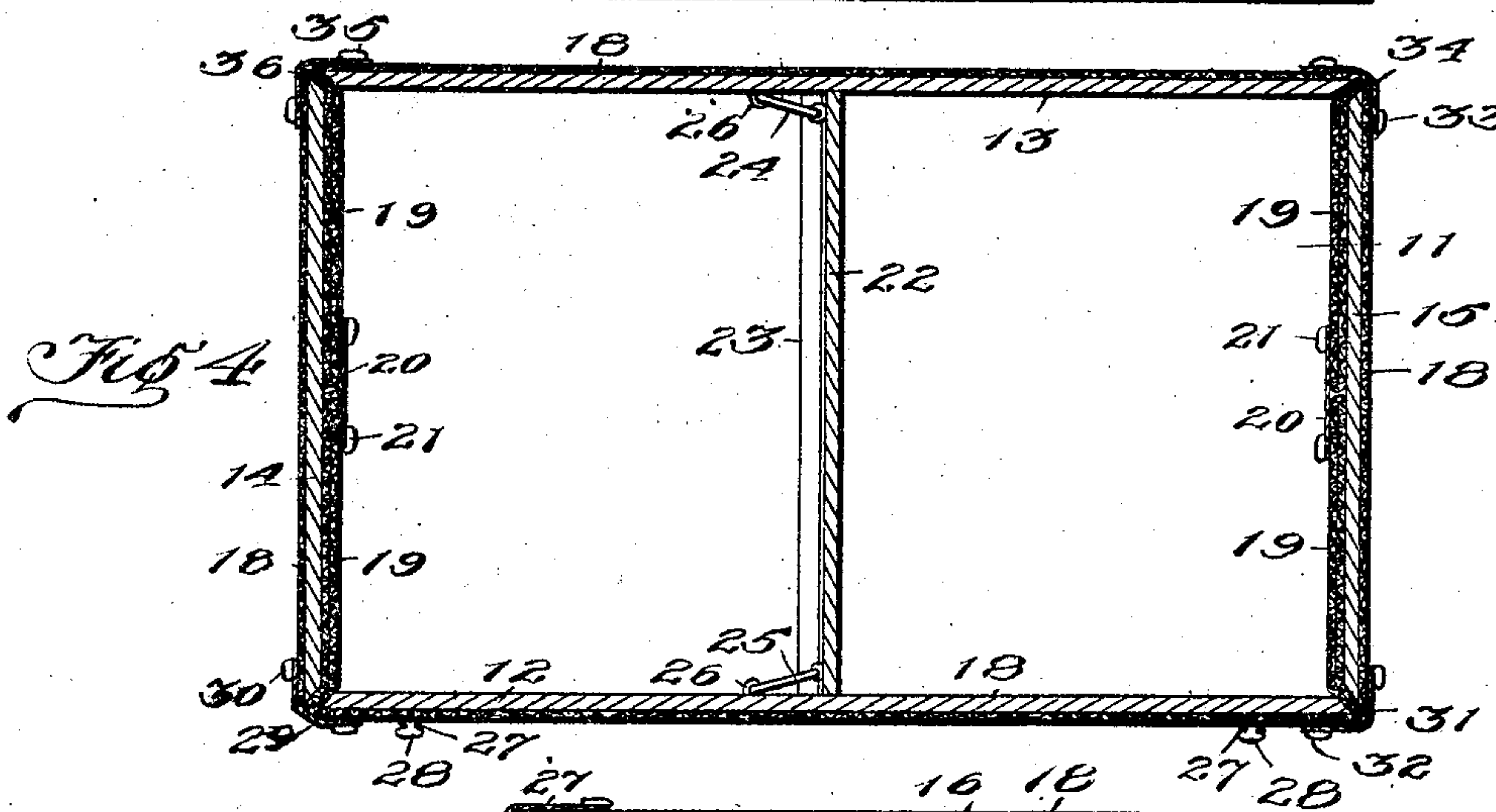
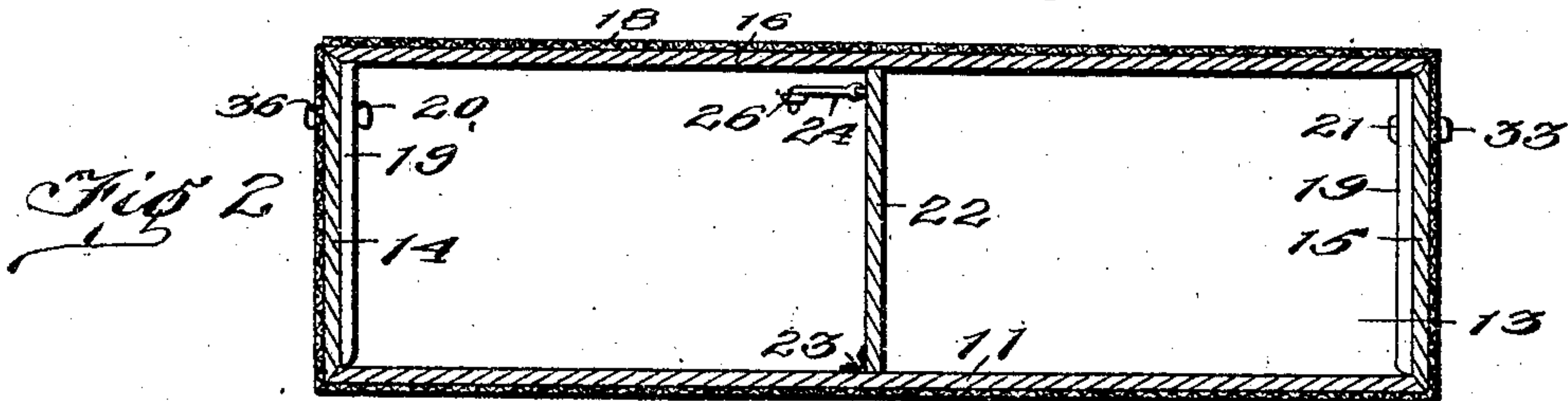
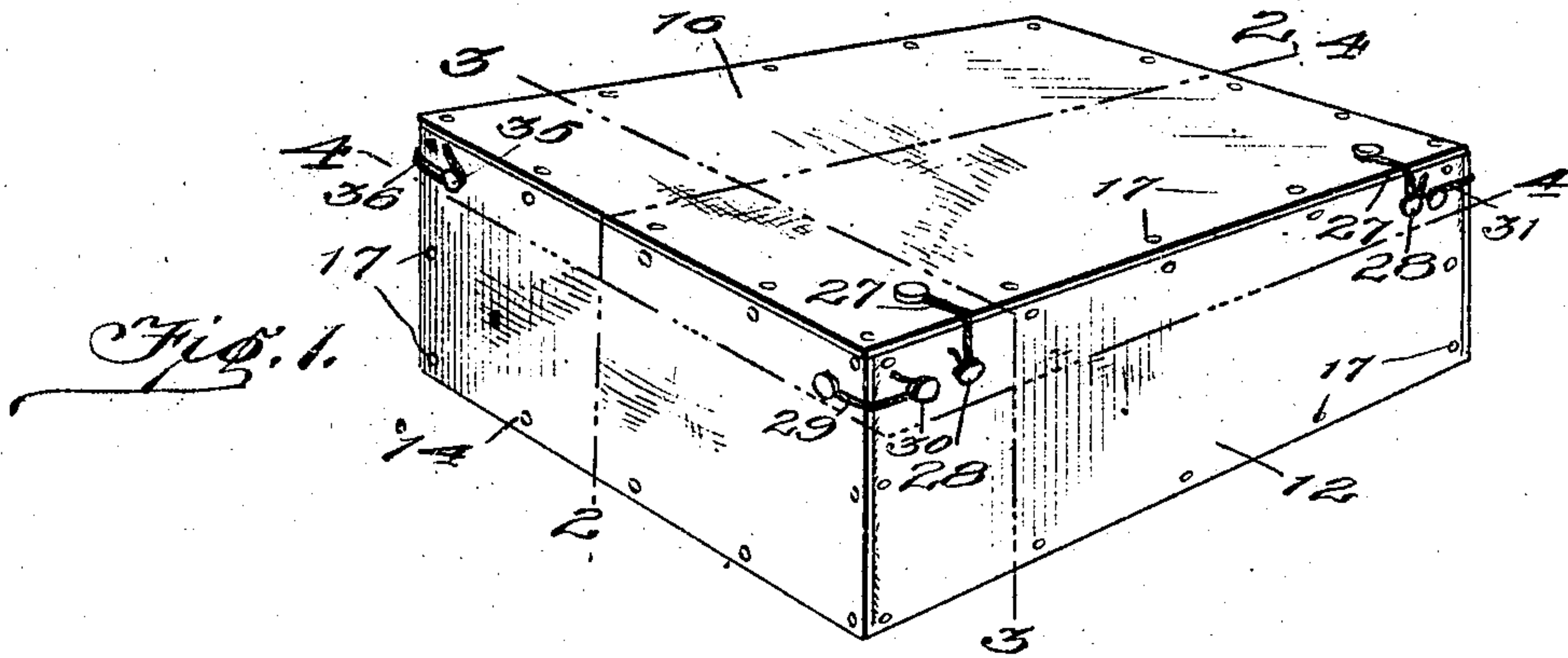


C. E. CLARK.
FOLDING CRATE.
APPLICATION FILED JAN. 14, 1908.

928,586.

Patented July 20, 1909.

2 SHEETS—SHEET 1.



Witnesses
Geo L. Chandler
E. L. Chandler

Inventor
Clara E. Clark.

By

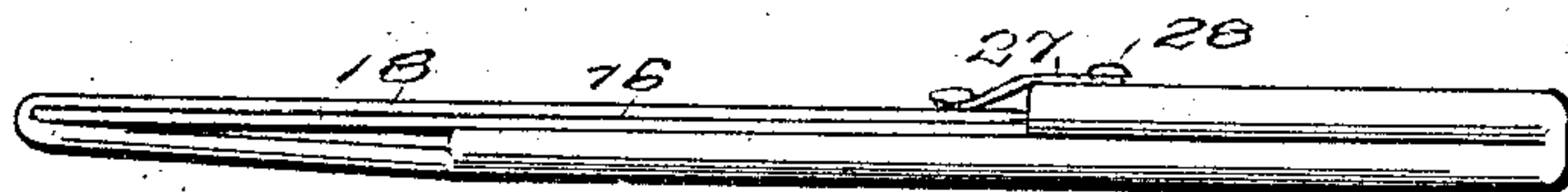
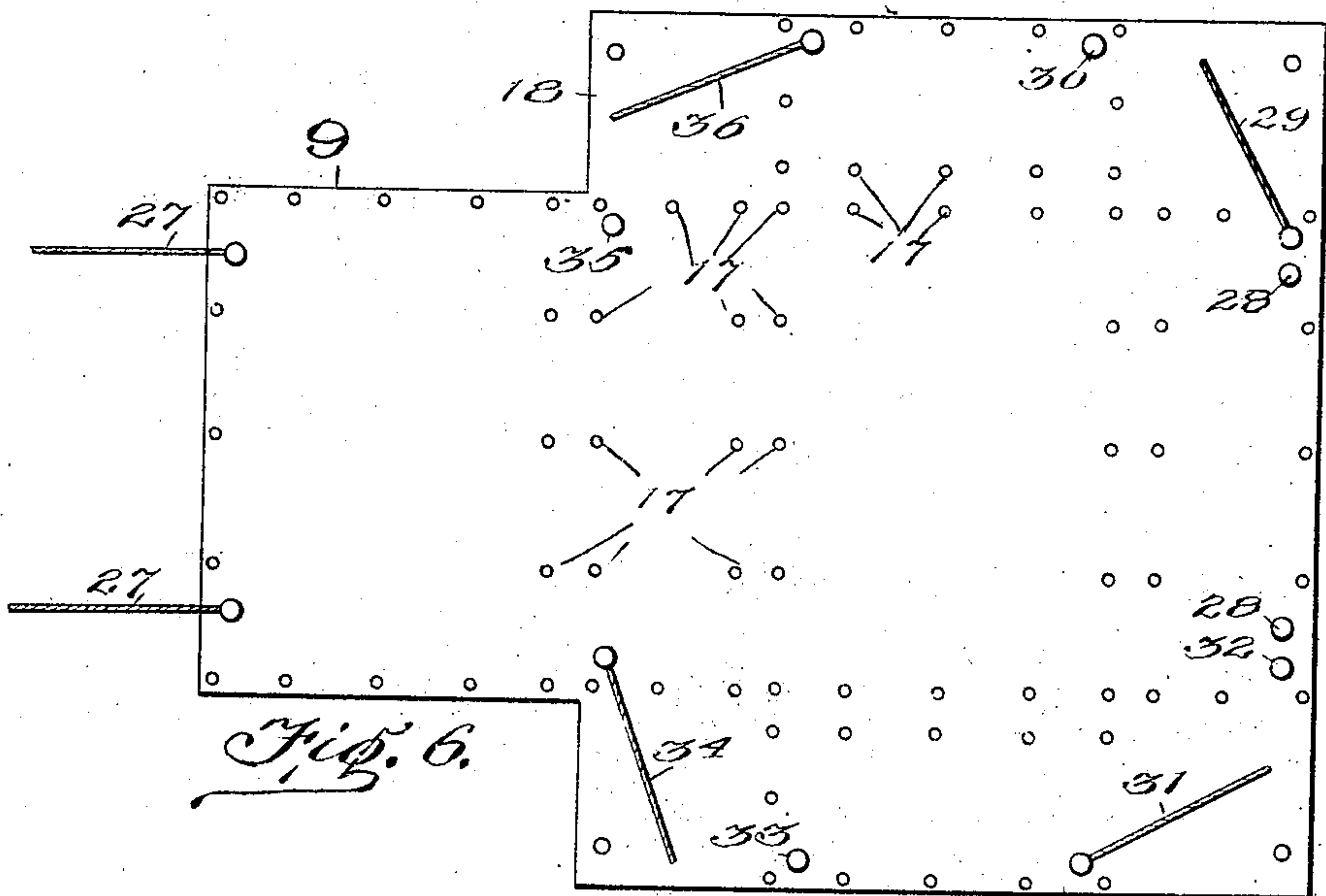
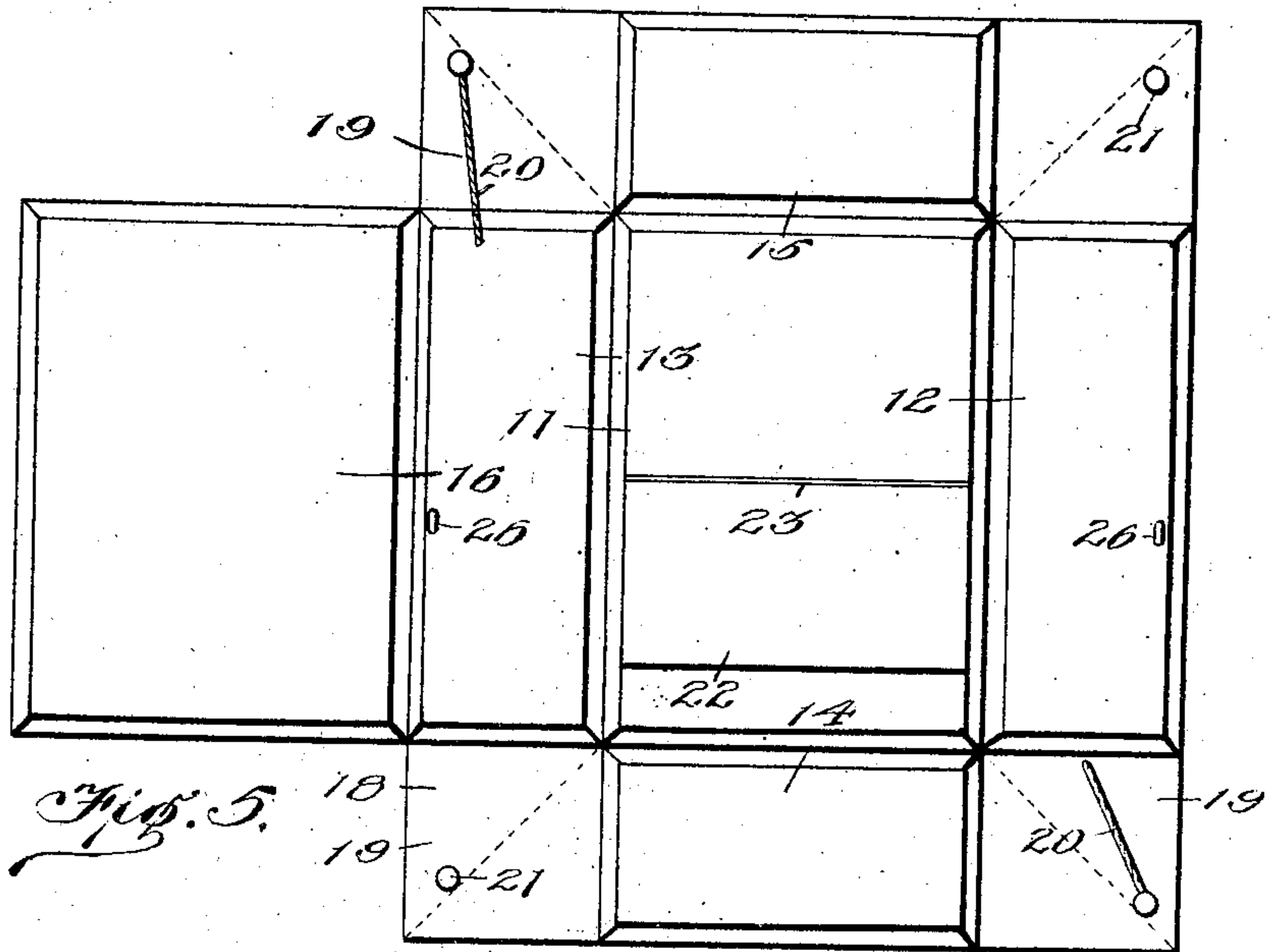
Woodward & Chandler

Attorneys.

928,586.

Patented July 20, 1909.

2 SHEETS—SHEET 2.



Witnesses
J. L. Chandler
C. L. Chandler

Fig. 7.

By *Woodward & Chandler*

Inventor
Clara E. Clark.

Attorneys

UNITED STATES PATENT OFFICE.

CLARA E. CLARK, OF SALINA, KANSAS.

FOLDING CRATE.

No. 928,586.

Specification of Letters Patent.

Patented July 20, 1909.

Application filed January 14, 1908. Serial No. 410,810.

To all whom it may concern:

Be it known that I, CLARA E. CLARK, a citizen of the United States, residing at Salina; R. F. D. No. 6, in the county of Saline and State of Kansas, have invented certain new and useful Improvements in Folding Crates, of which the following is a specification.

This invention relates to receptacles and more particularly to crates of the knock down type, and has for its object to provide a crate of this character which may be conveniently set up when it is desired to ship goods and which may be conveniently knocked down and folded in a compact manner in the return shipment of the crate.

Other objects and advantages will be apparent from the following description and it will be understood that changes in the specific structure shown and described may be made within the scope of the claims without departing from the spirit of the invention.

In the drawings forming a portion of this specification, and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a perspective view of the present crate, Fig. 2 is a vertical longitudinal sectional view on the line 2—2 of Fig. 1, Fig. 3 is a transverse sectional view on the line 3—3 of Fig. 1, Fig. 4 is a horizontal sectional view on the line 4—4 of Fig. 1, Fig. 5 is a plan view of the crate unfolded, Fig. 6 is a view similar to Fig. 5 showing the opposite side of the crate, Fig. 7 is an end view of the crate in its folded position.

In carrying out the object of my invention, I employ a square fabric base-forming member 18, having a square extended portion 9 along one side, of an area less than that of the base or major portion 18. In Fig. 6 an outline view of this fabric base is shown. Secured centrally to this base portion 18, is a flat stiff bottom-forming member 11, having beveled edges and secured to the extended member 9 is a bevel edged, flat, stiff, lid-forming member 16, these members 11 and 16 being of equal size. Positioned between the lid and bottom forming members, as shown in Fig. 5, is a bevel edged side-forming member 13 of a length equal to the length of said lid-forming member as disclosed. In alinement with the lid and side member 13, and adjacent to the bottom-forming member 11, is a bevel edged side-forming member 12. Secured to the flat fabric base 18, adjacent to the ends of the bottom 11, are two similar

bevel edged rectangular end members 14 and 15 of a width equal to the width of said side-forming members and being of a length equal to the width of said bottom forming members. As shown in Fig. 5, the lid, the two end members 14 and 15, and the side member 12, all have their outer edges flush with the outer edge of the base-forming member 18. These side and end members, as well as the bottom and lid members, are secured to the fabric base by means of rivets 17, as shown in Fig. 6, or by any other suitable means. In order to impart rigidity to the box when set or adjusted to form a receptacle, I employ a partition or cross-member 22, which, by means of a hinge 23, is secured to the base 11. This construction insures four corners 19 of the base remaining uncovered, and these uncovered corner portions are at one side provided with the studs 21 and upon the opposite corner with the securing strands 20 so that when the sides and ends of the box forming elements are set to form a receptacle, these fabric portions 19, which are folded into the form of a right-angled triangle, may be properly secured as disclosed in Fig. 3. To impart further rigidity of structure, I provide each end and side member as shown in Fig. 1 with a securing stud 30 and a tying strand 29 so that the box is braced at each corner. These tying members 29 as well as the tying members 20 are adapted to detachably engage the studs so that when the crate is to be folded, these members can be readily released.

The transverse member 22, as shown in Fig. 4 is provided with hooks 24 and 25 engaging within suitable eyelets 26 secured to the sides 12 and 13 so that the crate is centrally braced.

When the sides and ends are carried upward, the beveled edges of the adjacent box forming elements rest upon one another as disclosed in Fig. 2, so that the bottom member 11 supports the two end and side members. The fabric base 18 prevents any lateral displacement of these box forming elements along their meeting edges. This construction method insures a light, simple and easily operated device.

In Fig. 6, the four corner tying members are shown, being marked 29, 31, 34 and 36.

Having thus described my said invention, what I claim as new and desire to secure by United States Letters Patent is:

A folding crate comprising a square fabric

base having a square extending portion
along one side of an area less than said base
section, a flat, stiff bottom-forming member
having beveled edges secured centrally upon
5 said base and being of an area equal to that
of said fabric extending portion, a flat, stiff
lid-forming member having beveled edges
secured to said fabric extending portion and
being of a size equal to said extending por-
10 tion, a flat bevel edged side-forming member
of a length equal to that of said lid posi-
tioned between said bottom and lid forming
members, two similar bevel edged rectangu-
lar end members of a width equal to said
15 side forming members and being of a length
equal to the width of said bottom forming
member, a second bevel edged side forming

member of an area equal to said first men-
tioned member, said last mentioned side and
end members having their outer edges flush 20
with the edge of said fabric base; the four
square uncovered fabric corner portions of
said base being adapted to be folded into the
form of a right-angled triangle, and fasten-
ing means to secure said fabric corner por- 25
tions when folded and means to detachably
secure said ends and sides, all arranged as
set forth.

In testimony whereof I affix my signature,
in presence of two witnesses.

CLARA E. CLARK.

Witnesses:

WILBUR S. FREY,

LULA B. MITCHELL.