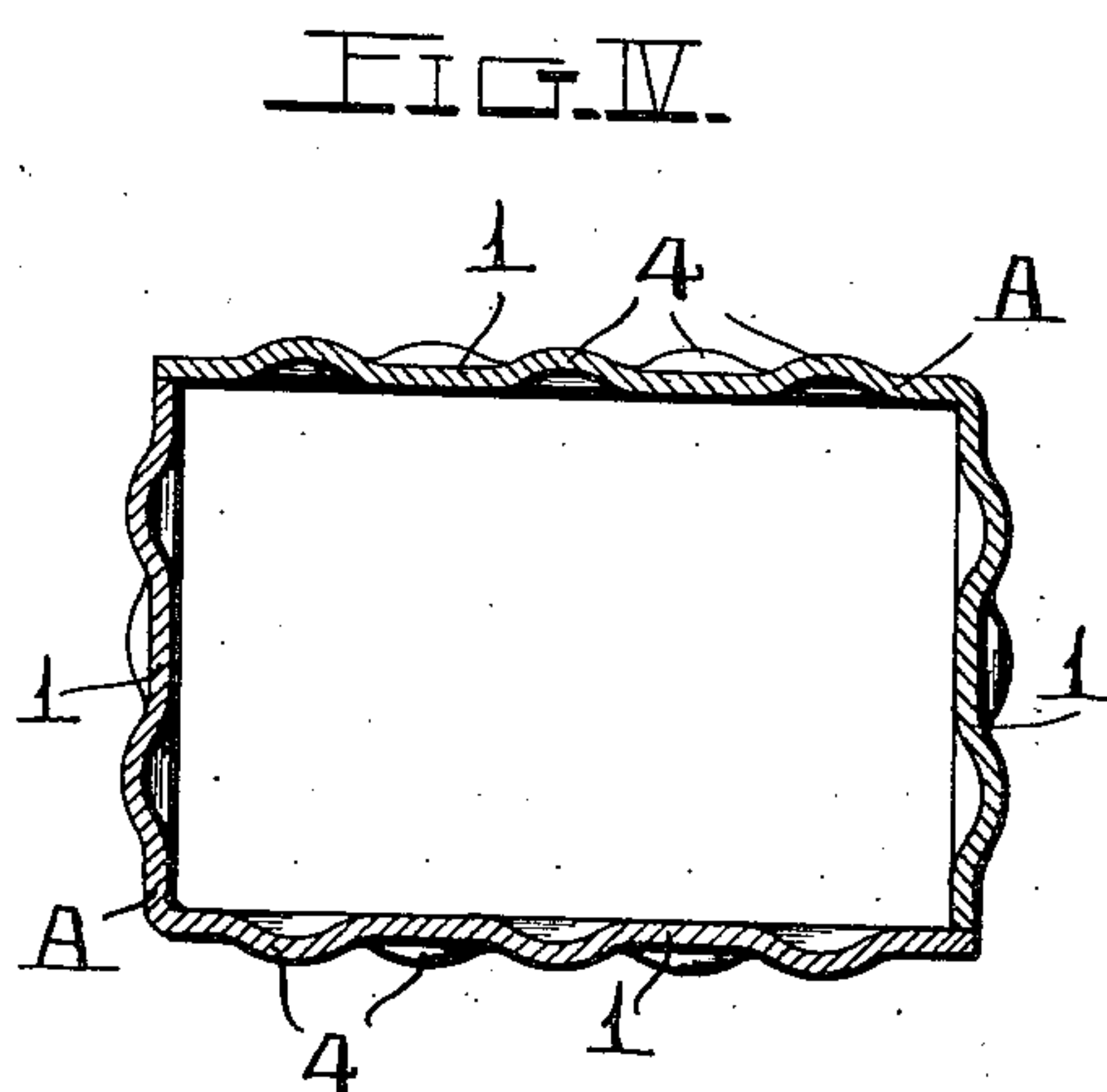
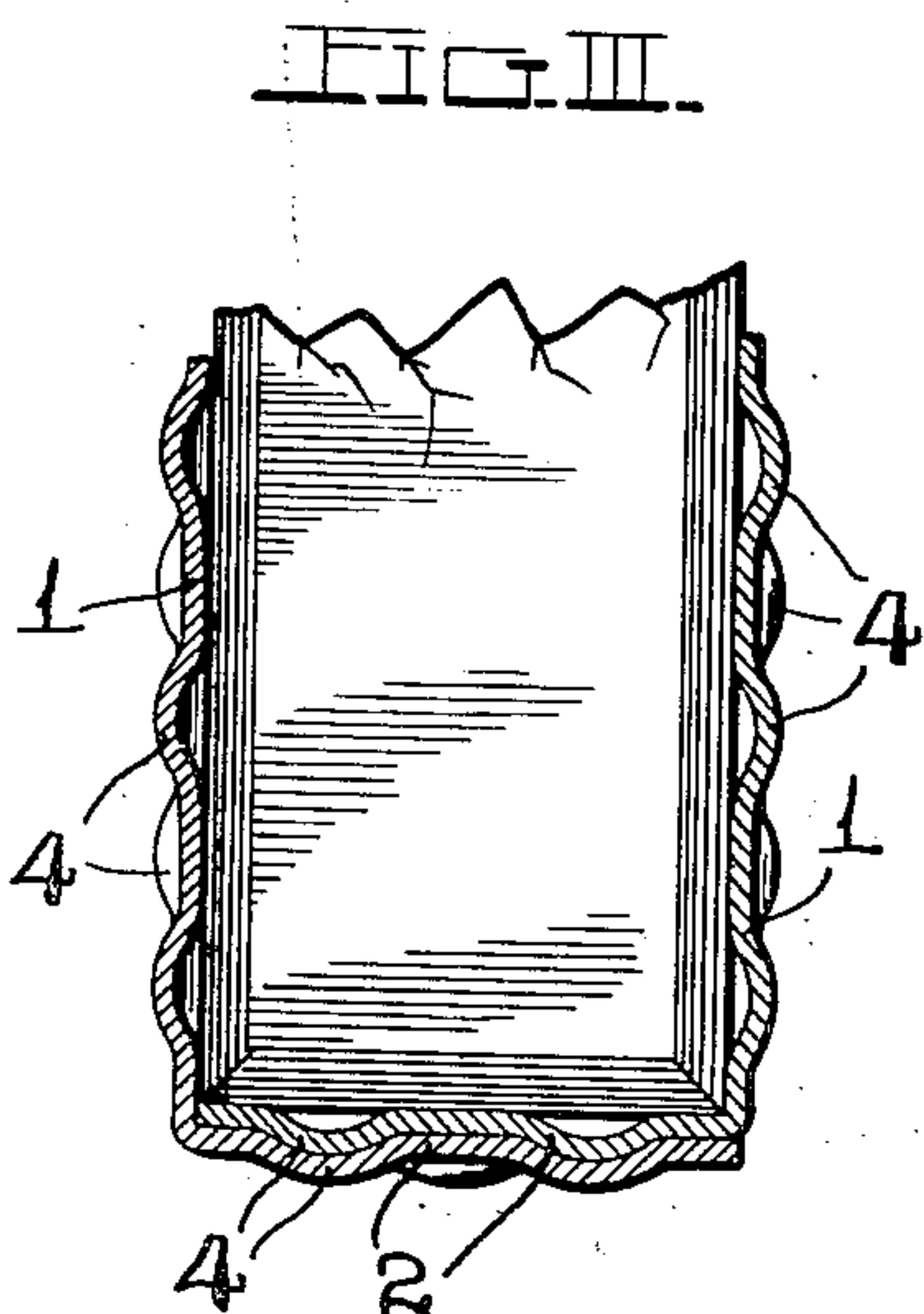
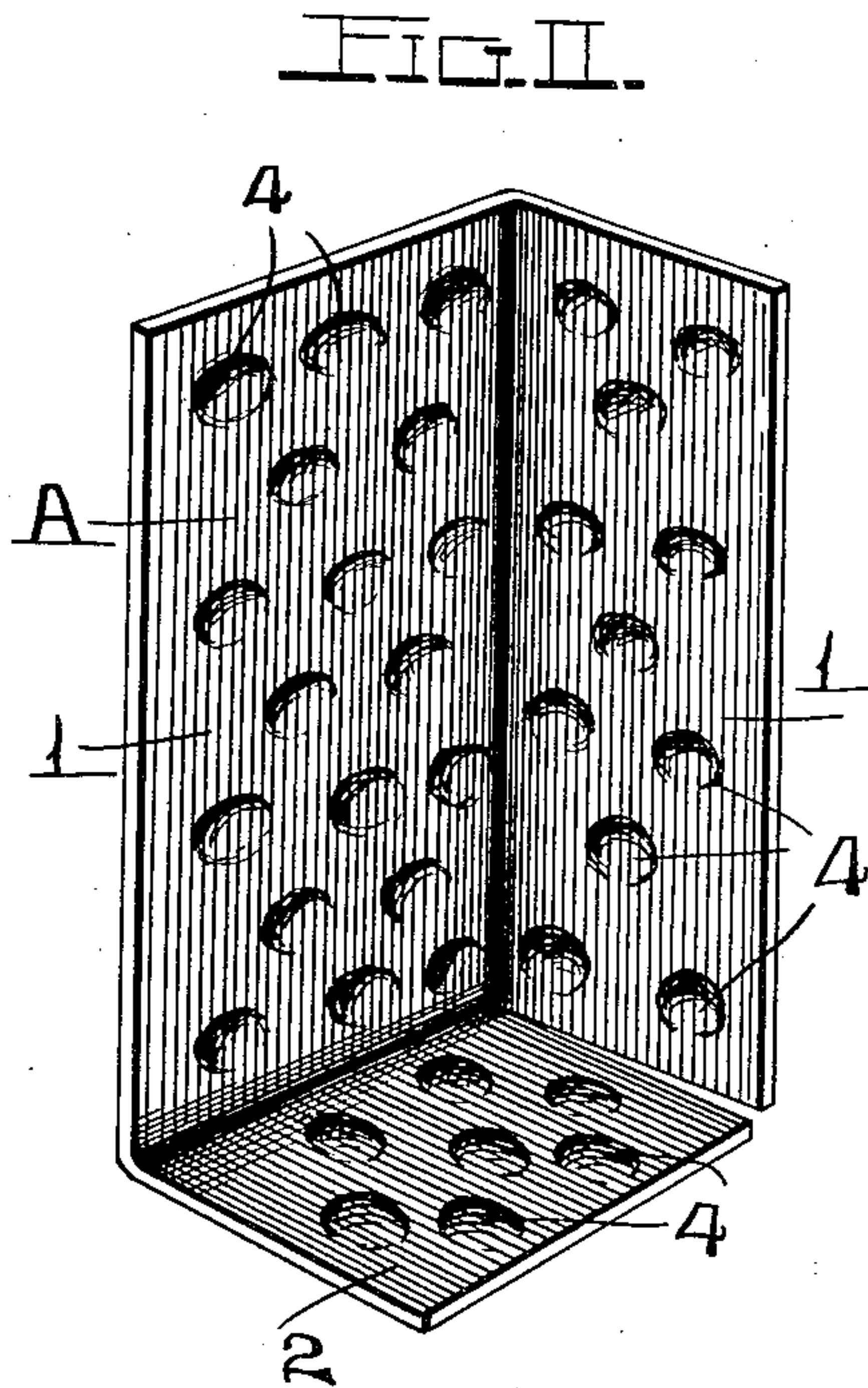
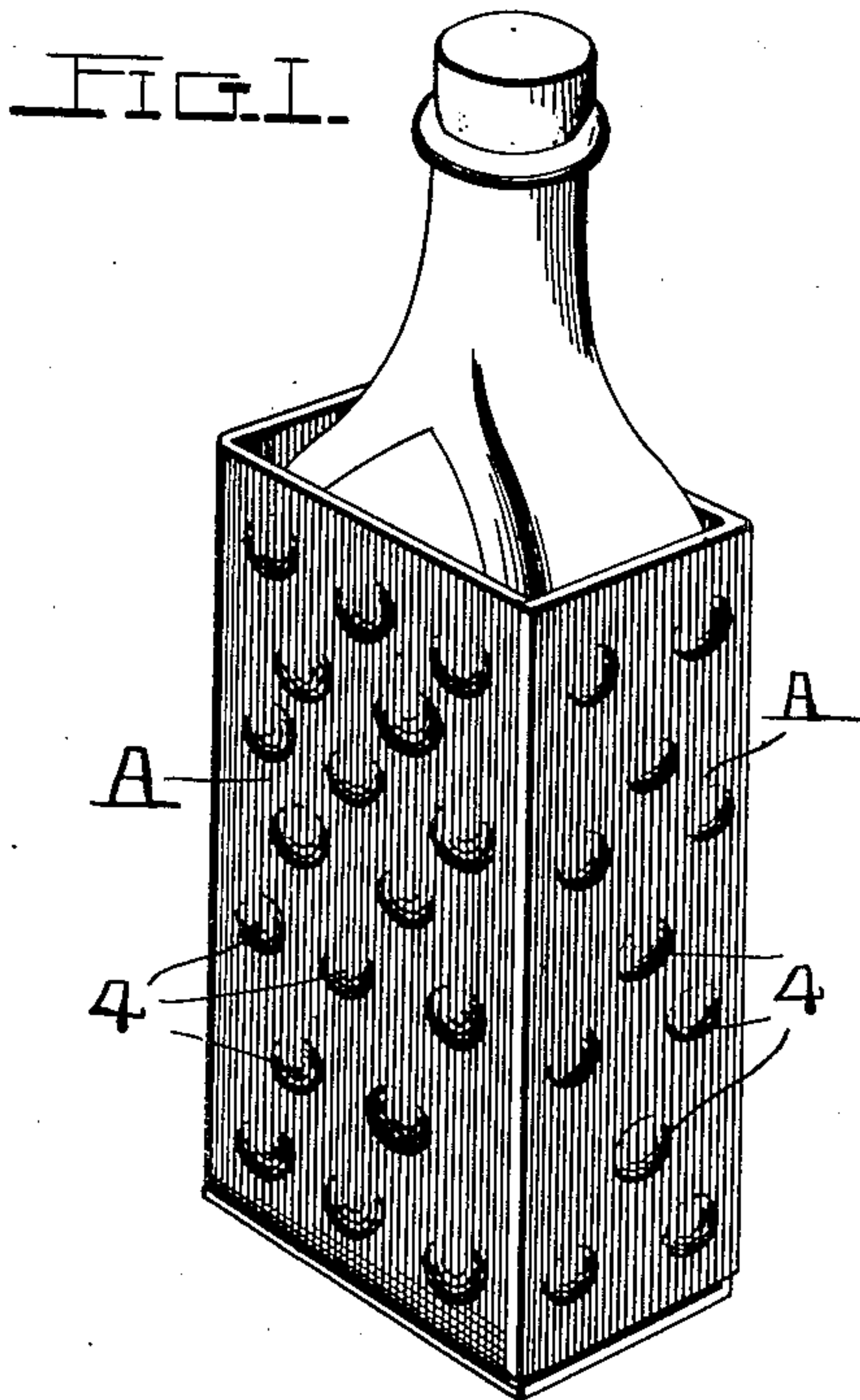


No. 886,818.

PATENTED MAY 5, 1908.

B. KOCHS.
BOTTLE PACKING.
APPLICATION FILED APR. 29, 1907.



ATTEST.

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Lily Root

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BENJAMIN KOCHS, OF ST. LOUIS, MISSOURI.

BOTTLE-PACKING.

No. 886,818.

Specification of Letters Patent.

Patented May 5, 1908.

Application filed April 29, 1907. Serial No. 371,013.

To all whom it may concern:

Be it known that I, BENJAMIN KOCHS, a citizen of the United States of America, residing in the city of St Louis and State of Missouri, have invented certain new and useful Improvements in Bottle-Packing, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, forming part of this specification.

My invention relates to a packing for the protection of bottles when placed in shipping cases for transportation and it has for its object to furnish a simple efficient and inexpensive packing of this description.

Figure I is a perspective view of my packing with a bottle incased thereby. Fig. II is a perspective view of one section of the packing. Fig. III is a vertical section taken through the lower portion of the packing applied to a bottle. Fig. IV is a cross section taken through the packing.

In the accompanying drawings: A designates the sections of my packing which are constructed of sheet material and preferably of thin wood or veneer sheets. Each section A is a counterpart of the other section which is adapted to make their width for the purpose of completing the packing in order that it will surround the walls of the bottle for the protection thereof and also extend beneath the bottom of the bottle for the protection of such bottom. Each section comprises a pair of side wall members 1 that occupy positions at angles to each other and also a bottom member 2 that is carried by one of the side wall members and extends at an angle to said member from its lower end but is free of connection to the other side wall member. The bottom member is produced by originally making the section A with what is to be one of its side wall members longer than the other and adjoining member in order that the bottom member may be bent into a position at an angle to the side wall member by which it is carried, as seen in Fig. II. Throughout the side wall and bottom members of each section are formed circular convexo-concave beads or bosses 4 that are produced by bulging the material of the sheet

from which the section is formed in an outward direction at the point of each bead or boss, the object in producing these beads or bosses at intervals throughout the members of the sections being to furnish cushioning action in the packing members when they are in position to incase a bottle that is to be protected by the packing. The beads or bosses have a quincuncial or staggered arrangement.

In applying the packing to a bottle the sections A are mated together around the bottle so that the edges of the side wall members of the sections abut against each other, as seen in Fig. I, and the bottom members of the sections occupy overlapping positions beneath the bottom of the bottle, as seen in Fig. III, where they afford double protection against injury to the bottom of the bottle, due to the provision of a double cushion produced in the two bottom members, the convexities of the beads or bosses of the inner bottom member fitting or seating in the concavities of the beads or bosses of the outer bottom member.

I claim:

1. A bottle packing comprising a pair of sections of sheet material, each section having right angle side wall members provided with a bottom member extending to the right angle side wall members of the other section; the side edges of the angle wall members abutting against each other and the bottom members overlapping so as to provide a double bottom.

2. A bottle packing comprising a pair of sections of sheet material each section having right angle side wall members provided with a bottom member extending to the right angle side wall members of the other section and circular convexo-concave beads in the right angle side wall members and in the bottom members, the convexities of the beads of the inner bottom member fitting in the concavities of the beads of the outer bottom member.

BENJAMIN KOCHS.

In presence of—

BLANCHE HOGAN,
LILY ROST.