

G. W. STEVENS.
EGG-BOXES.

No. 181,371.

Patented Aug. 22, 1876.

Fig. 1.

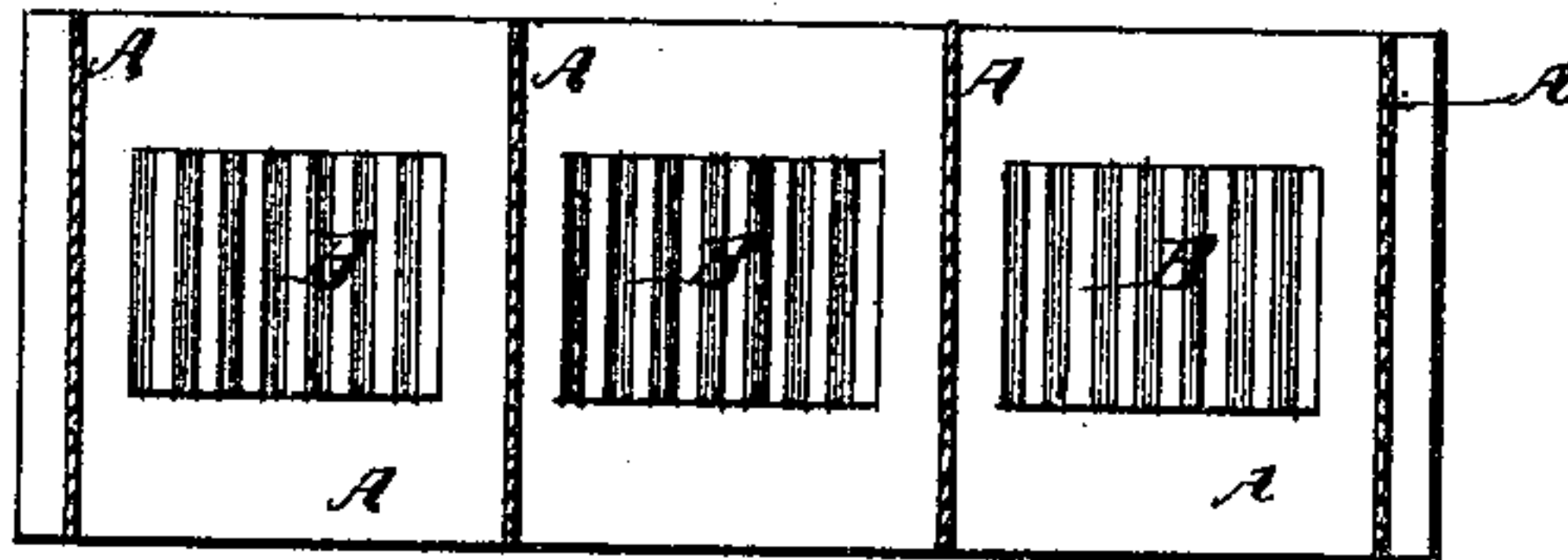


Fig. II.

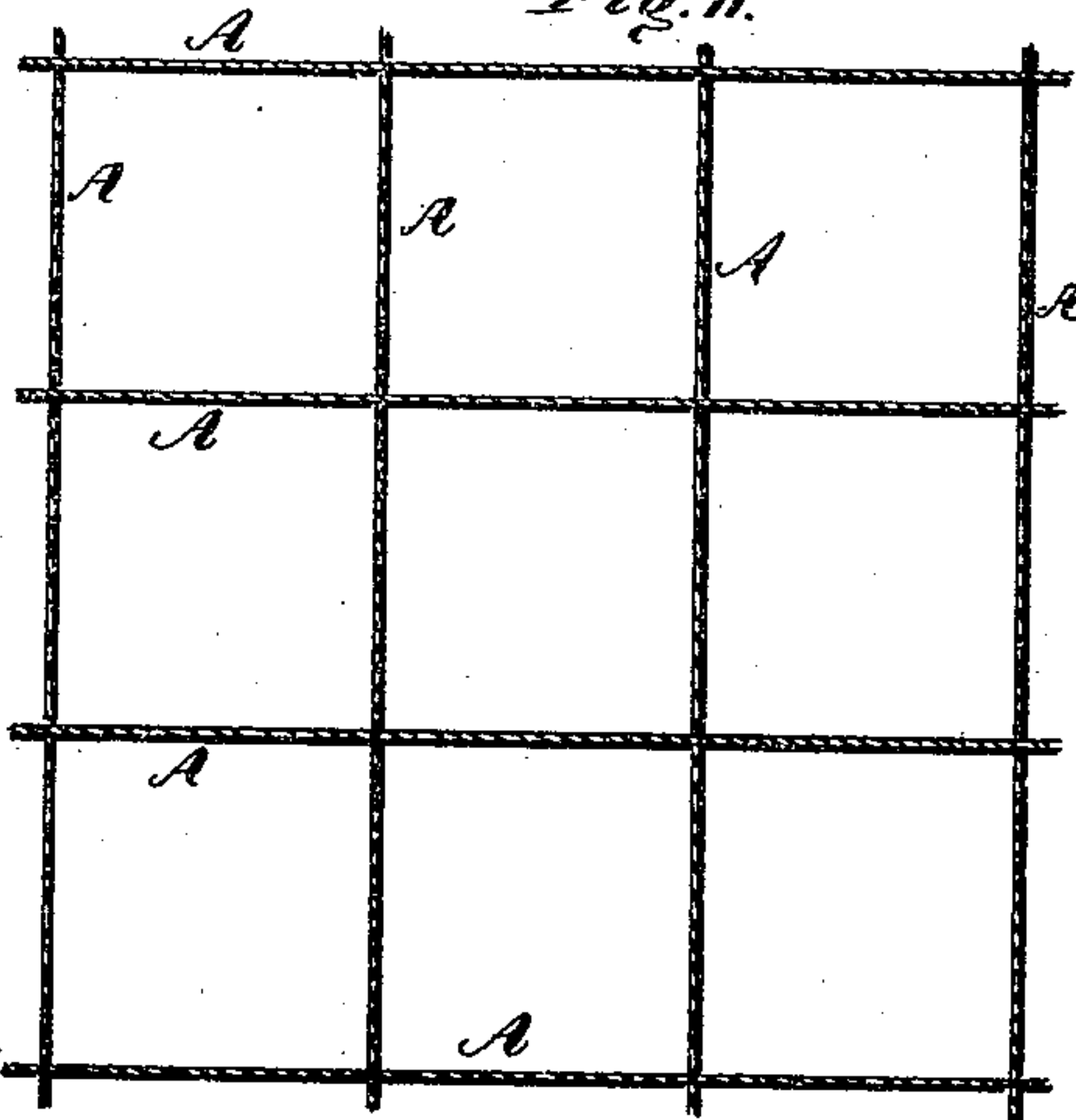


Fig. III.

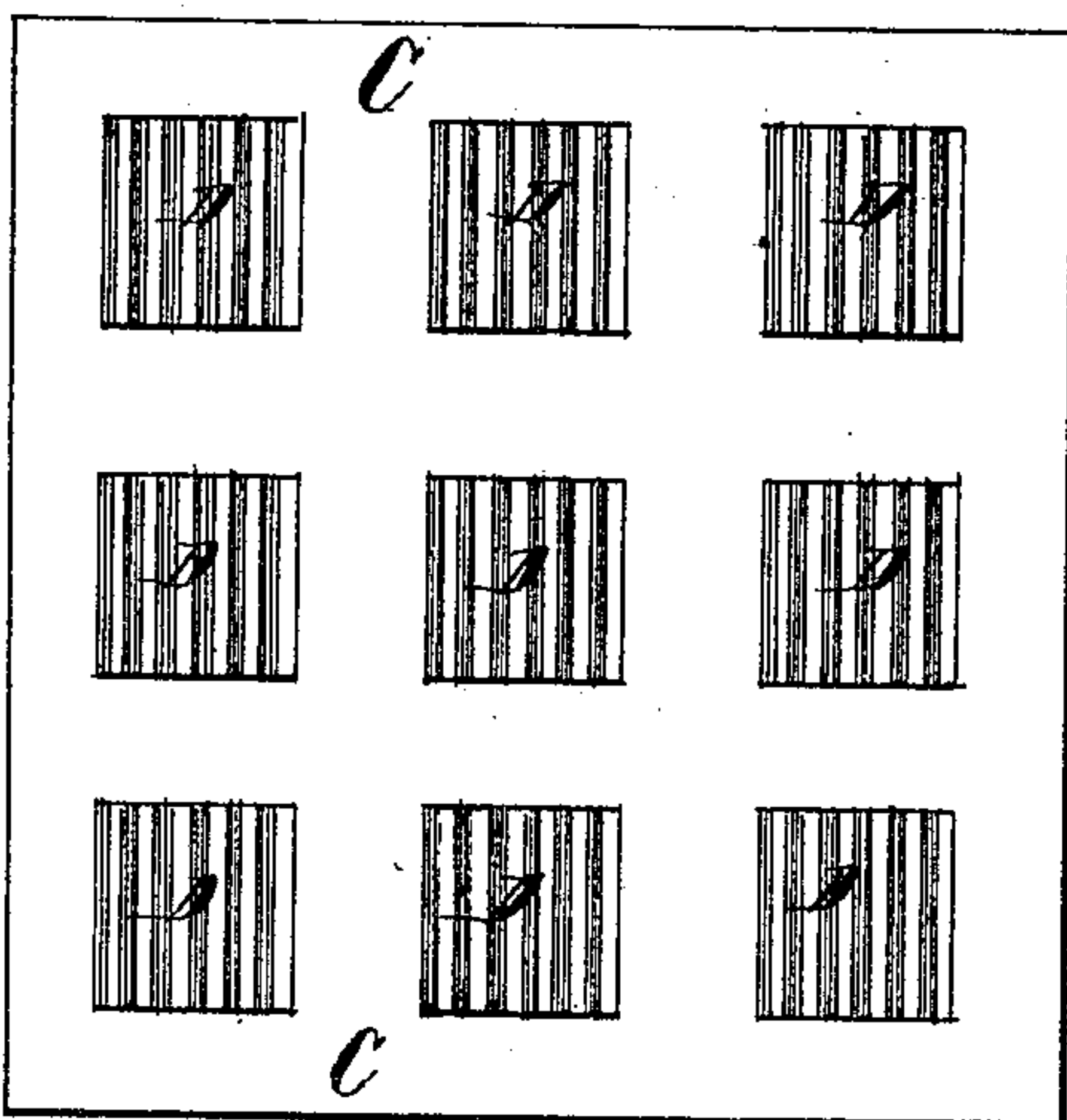


Fig. IV.



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UNITED STATES PATENT OFFICE.

GEORGE W. STEVENS, OF NEW YORK, N. Y.

IMPROVEMENT IN EGG-BOXES.

Specification forming part of Letters Patent No. **181,371**, dated August 22, 1876; application filed July 28, 1876.

To all whom it may concern:

Be it known that I, GEORGE W. STEVENS, of New York city, county, and State of New York, have invented a new and useful Improvement in Packing-Boxes, of which the following is a specification:

My invention relates to improvements in the interior part, which forms the cells in a packing-box for eggs, fruit, glassware, or other fragile articles.

Such goods are separated from each other by intervening strips forming the sides, bottom and top pieces, all made of some suitable material—as, for instance, pasteboard, strawboard, *papier-maché*, &c.

In order to prevent breakage of the goods I make intervening elastic cushions of the material itself, where the articles come in contact with the same. The elastic cushions I produce in and of the material itself by pressure in forming projections extending a certain length and width on both sides of the material, as may be found necessary. These projections I prefer to make parallel to each other, and I extend them outward on both sides of the material so far as to give the required elasticity.

The before-mentioned projections or elastic cushions are produced in the material itself by placing the same between two metallic dies or rollers, in one of which an indenture is made, and in the other a corresponding projection is placed opposite the indenture in the first die or roller. When the material is placed between the dies, and these are pressed together face to face, the projections or cushions are formed, owing to the elasticity of the material, which swells out and becomes thinner in the place exposed to the dies, thus presenting a larger surface than the other parts.

By the aid of the dies the larger surface is corrugated, ruffled, or in any desired form made into the before-mentioned elastic cushions, forming the sides, tops, and bottoms of the cells, and preventing breakage of the articles placed therein.

The invention will be readily understood by reference to the accompanying drawing, forming a part of this specification.

Figure I is a side view of the interior strips or divisions of a packing-box embodying my invention. Fig. II is a top view of the same. Fig. III is a top view of one of the intervening top or bottom pieces embodying my invention. Fig. IV is a sectional view of Fig. I, showing a section of the elastic cushion.

A A represent strips of pasteboard forming the cells for the reception of the articles to be packed. B B are the elastic cushions placed parallel to each other. C represents one of the intervening top or bottom pieces, placed under and over the strips, forming the sides of the cells in a packing-box. D D represent the elastic projections or cushions placed parallel to each other in sections, each section being placed a certain distance apart, so as to come immediately over or under the packed articles.

Having thus described my invention I desire to claim—

The herein-described egg-box, consisting of a series of partitions, A, provided with cushions B and horizontal partitions C, provided with cushions D, substantially as set forth.

This specification signed this 20th day of July, 1876.

GEO. W. STEVENS.

Witnesses:

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