

J. & R. MURPHY & J. POOLMAN.

Bracelets.

No. 149,879.

Patented April 21, 1874.

Fig. 1.

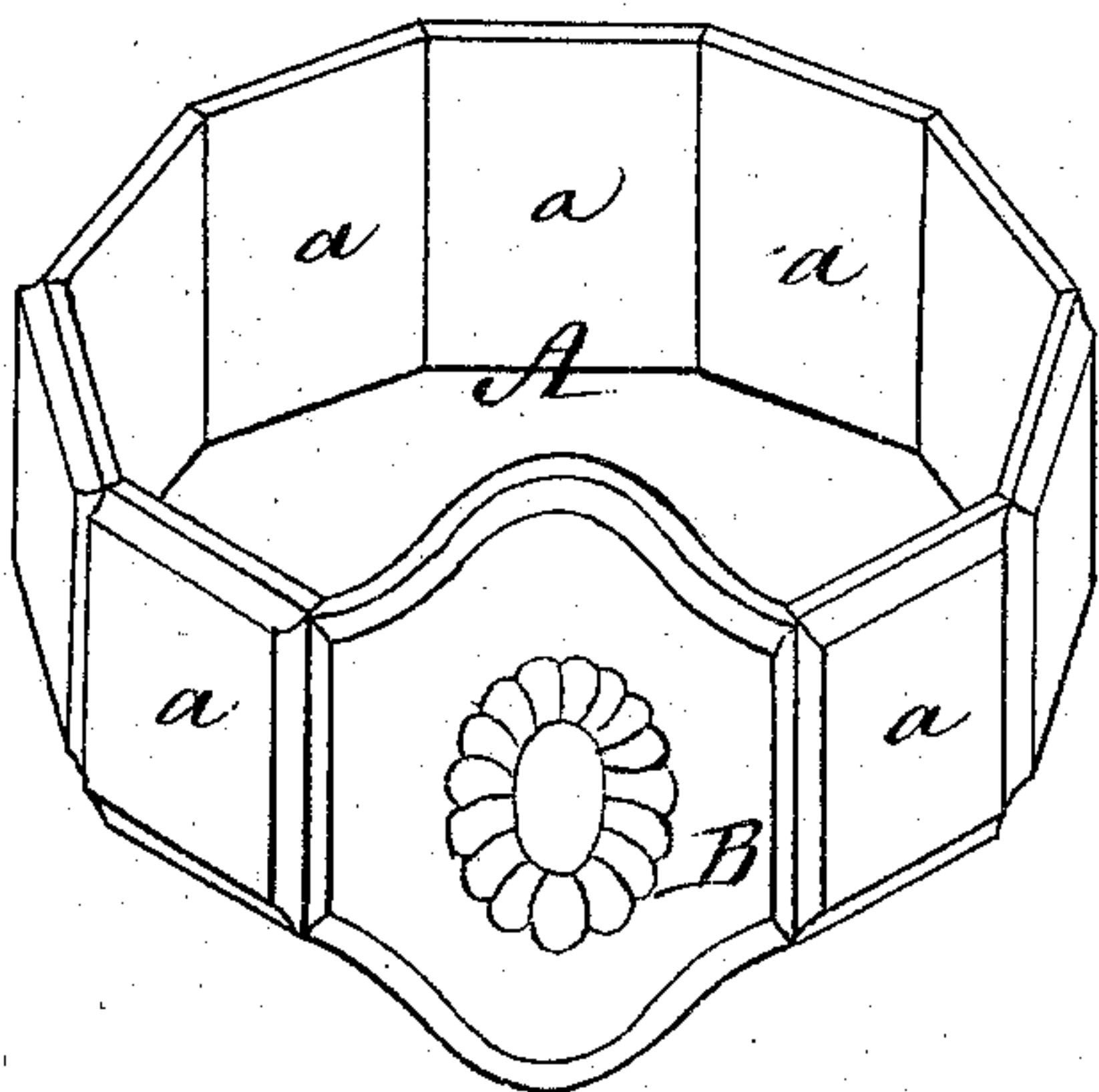


Fig. 2.

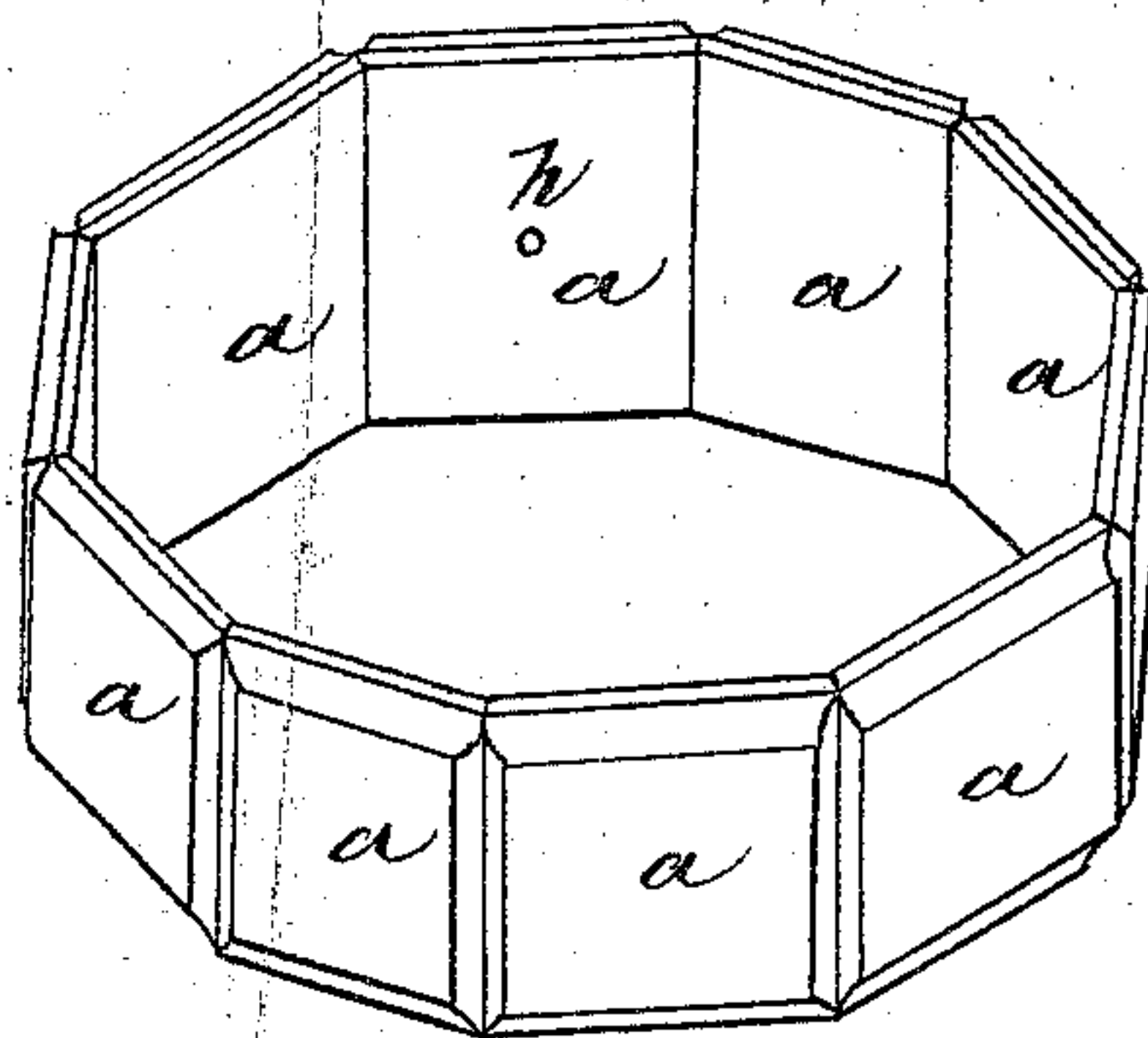


Fig. 3.

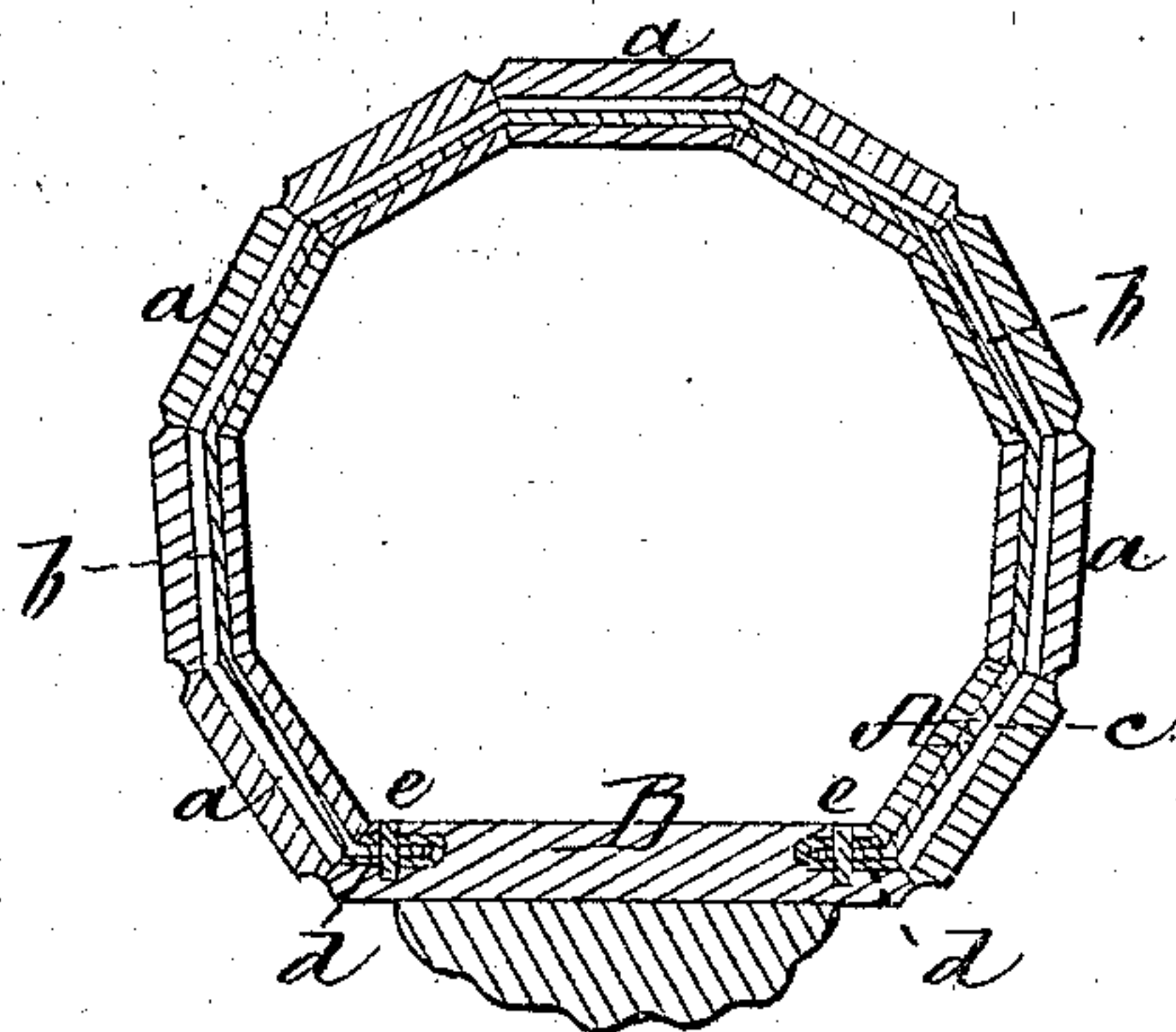


Fig. 4.

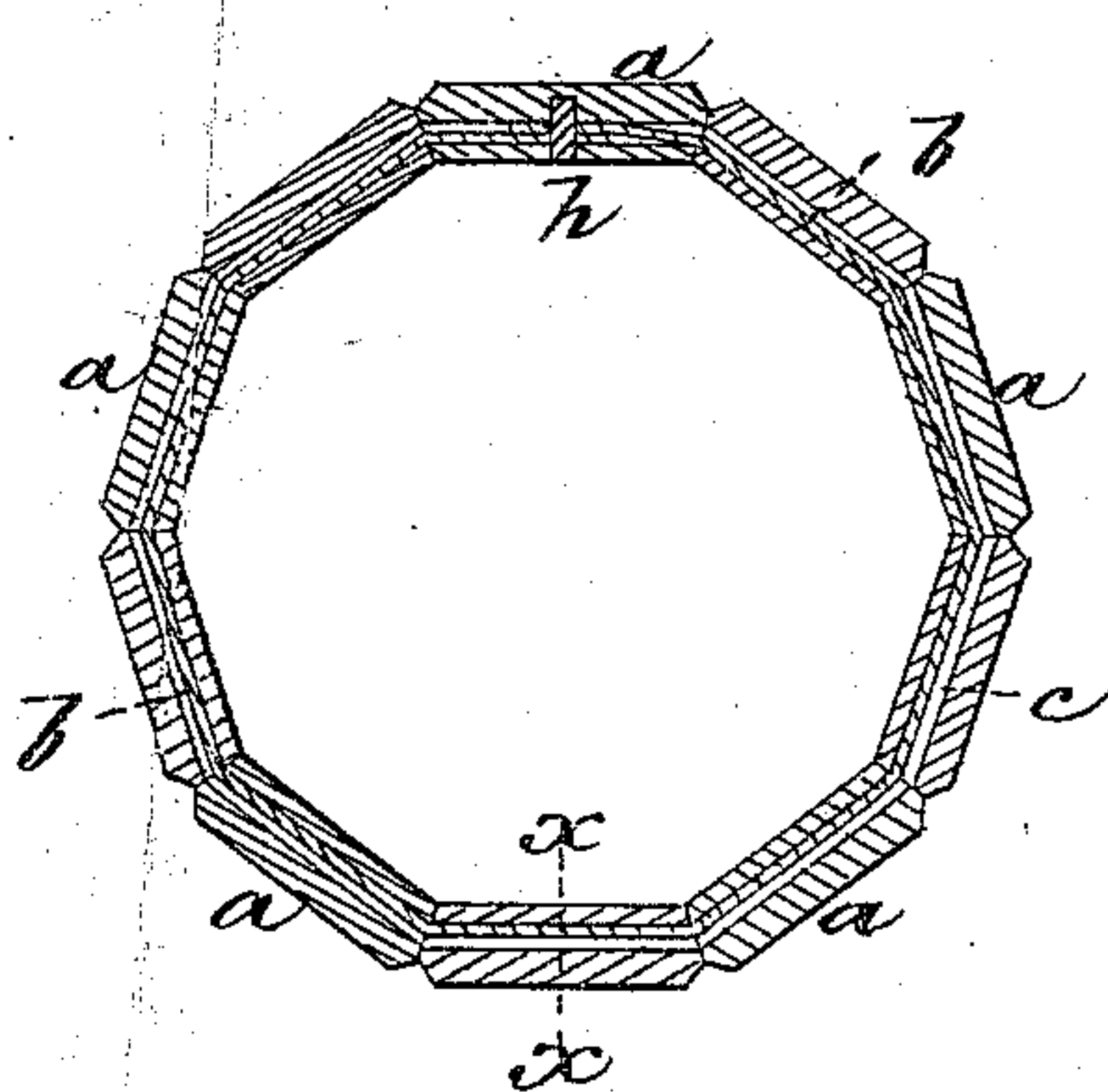


Fig. 5.

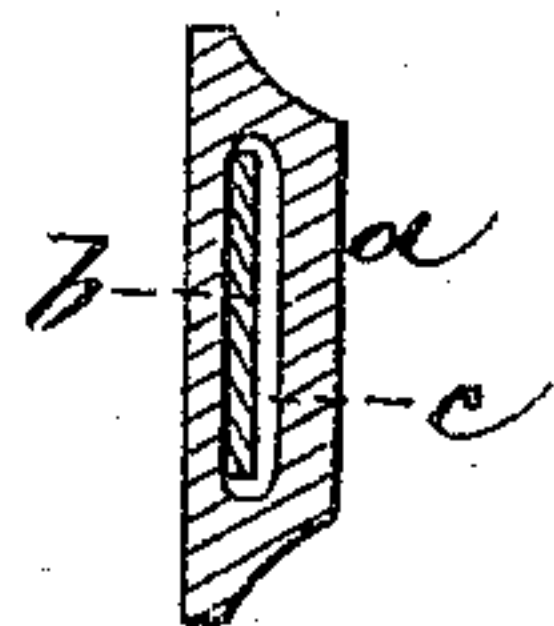
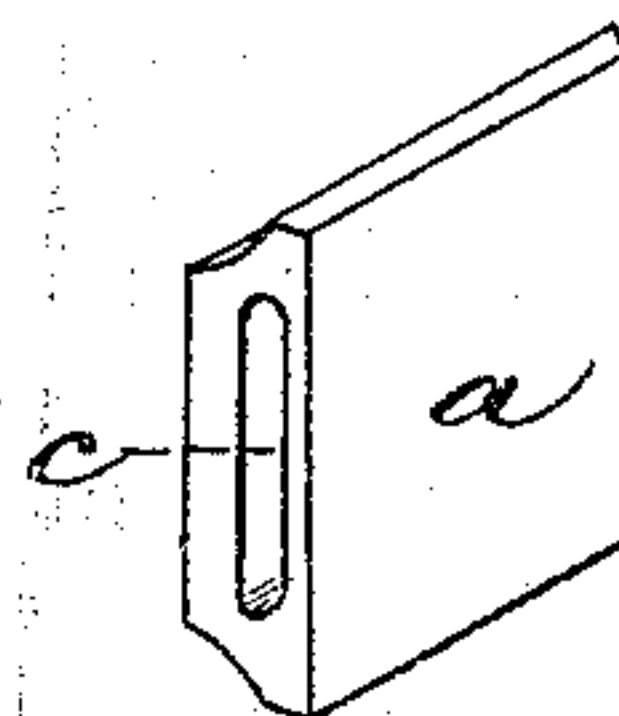


Fig. 6.



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UNITED STATES PATENT OFFICE.

JOHN MURPHY, ROBERT MURPHY, AND JAMES POOLMAN, OF MANSFIELD,
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IMPROVEMENT IN BRACELETS.

Specification forming part of Letters Patent No. **149,879**, dated April 21, 1874; application filed
August 28, 1873.

To all whom it may concern:

Be it known that we, JOHN and ROBERT MURPHY and JAMES POOLMAN, all of Mansfield, in the county of Bristol and State of Massachusetts, have invented certain Improvements in Block Bracelets, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings making part of this specification, in which—

Figures 1 and 2 are perspective views of block bracelets, constructed in accordance with our invention. Fig. 3 is a horizontal section through the center of Fig. 1. Fig. 4 is a horizontal section through the center of Fig. 2. Fig. 5 is a transverse section on the line *xx* of Fig. 4, enlarged. Fig. 6 is a perspective view of one of the blocks or sections detached.

In the manufacture of bracelets of horn, shell, jet, or ivory, composed of a series of blocks, they have heretofore been held together by two round elastic cords passing through apertures of corresponding shape, formed in each block near its outer ends. These elastic cords, after the bracelet is worn a short time, are cut by the edges of the blocks, which consequently become separated, and new elastic is required to replace them in their original position, which is not only annoying to the wearer, but is somewhat difficult to perform; besides which the blocks are liable to be lost. To obviate the above-mentioned objection is the purpose of our invention, which consists in a bracelet composed of a series of blocks or sections of horn, shell, jet, or ivory, with or without a central ornament of similar material, each section being formed from a solid piece having a single broad aperture only made centrally through it for the reception of a single broad elastic band, each end of the band where a central ornament is used being provided with a metal plate, which fits into and is riveted thereto, a secure and permanent connection being thereby insured.

To enable others skilled in the art to understand and use our invention, we will proceed to describe the manner in which we have carried it out.

In Fig. 1 of the said drawings, A is a bracelet, composed of a series of blocks, *a*, of horn, shell, jet, or ivory, and a central ornament, B, of similar material, united by a flat broad elastic band, *b*, in the following manner: Centrally through each block, in the direction of its width, is drilled a broad rectangular aperture, *c*, of sufficient depth to allow of the passage of the flat elastic band of a width nearly equal to that of the aperture. To each end of the elastic band is fastened a flat metallic plate, *d*, which fits snugly into one side of the central ornament B, to which it is riveted at *e*, by which construction the blocks and the central ornament are permanently united together, the elastic band employed being of sufficient width to insure a strong connection.

The instrument we prefer to employ in forming the rectangular apertures in the blocks is a revolving double-pointed drill; but any other suitable tool may be used for this purpose.

If desired, the bracelet may be composed entirely of the blocks *a*, the central ornament being dispensed with, in which case the two ends of the elastic band may be lapped over each other within the aperture of one of the blocks, and secured by a rivet, *h*, passing through it in the direction of its thickness. (See Figs. 2 and 4.)

What we claim as our invention, and desire to secure by Letters Patent, is—

1. A bracelet, A, composed wholly or partially of blocks *a* of horn, shell, jet, or ivory, each block being formed in one solid piece, provided with a single aperture, *c*, for the reception of a single broad elastic band, substantially as and for the purpose described.

2. A flat elastic band, *b*, with its plates, *d*, and the blocks *a*, with their apertures *c*, in combination with the central ornament B, the whole constructed substantially as described.

August 22, 1873.

JOHN MURPHY.
ROBERT MURPHY.
JAMES POOLMAN.

In presence of—
E. M. REED,
H. E. MURPHY.