

(No Model.)

L. M. DEVORE.
SHEET METAL CORNER IRON.

No. 564,273.

Patented July 21, 1896.

Fig. 1.

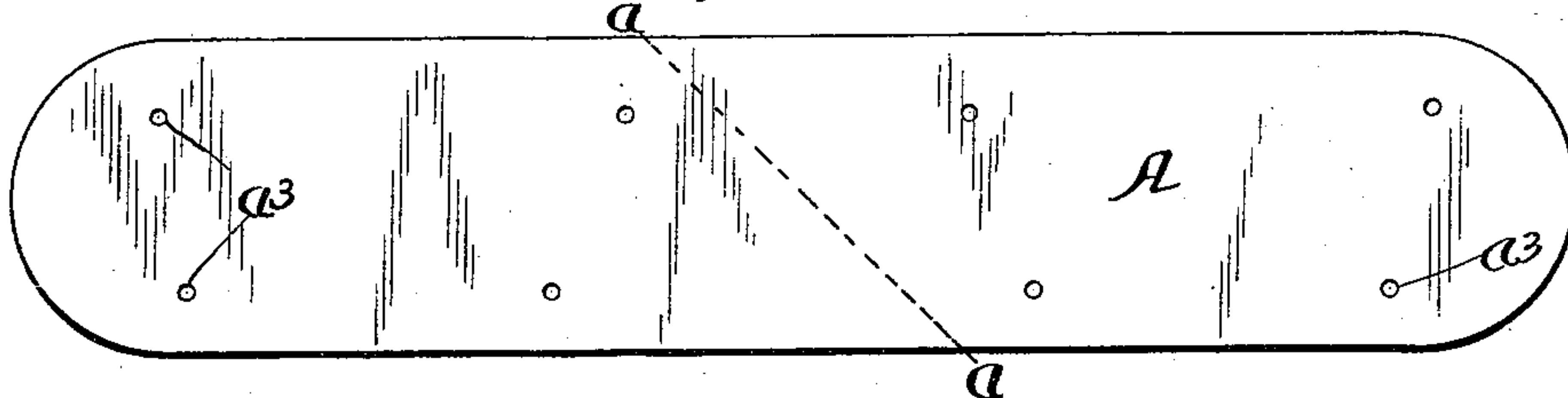


Fig. 2.

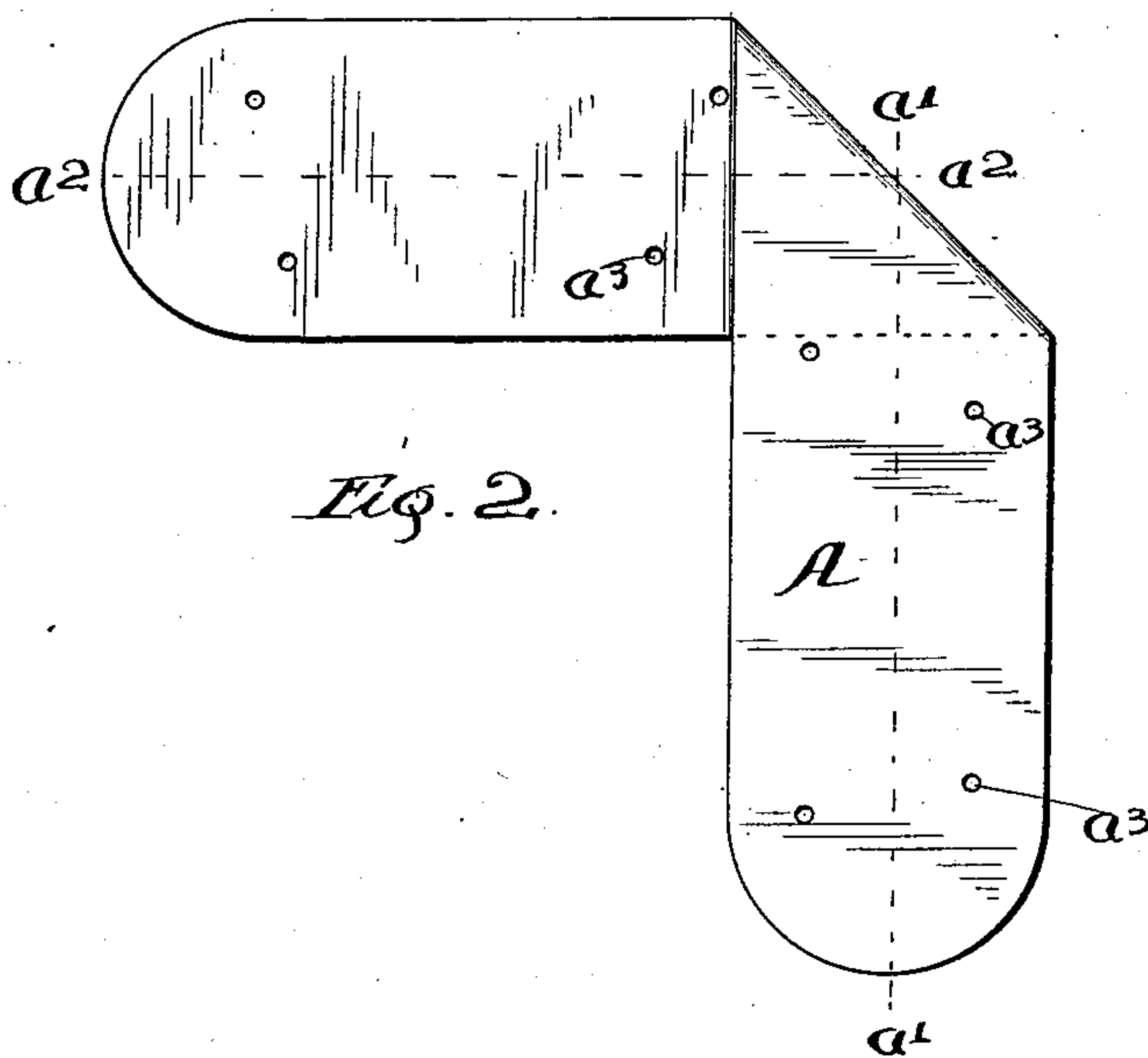


Fig. 3.

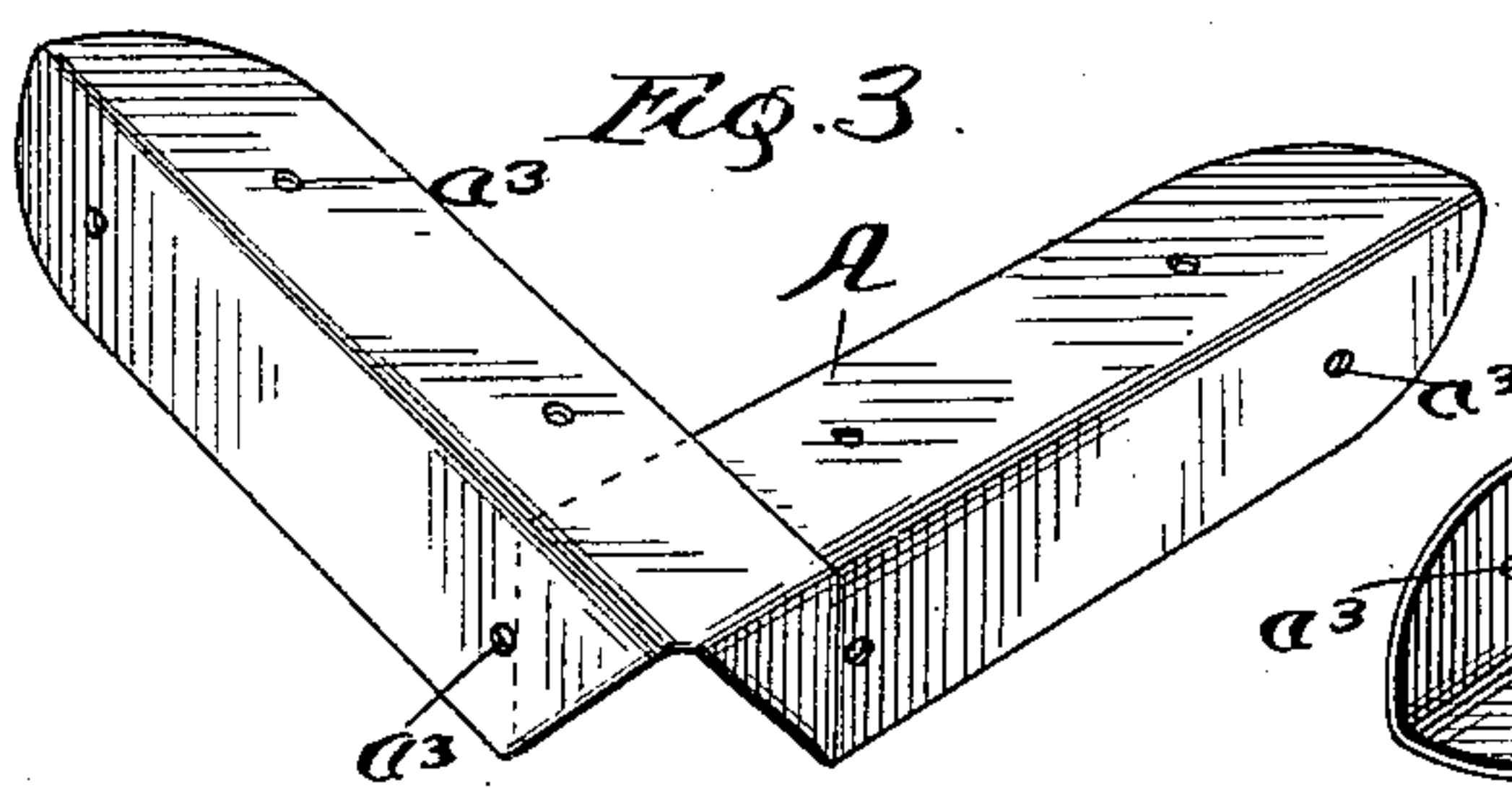
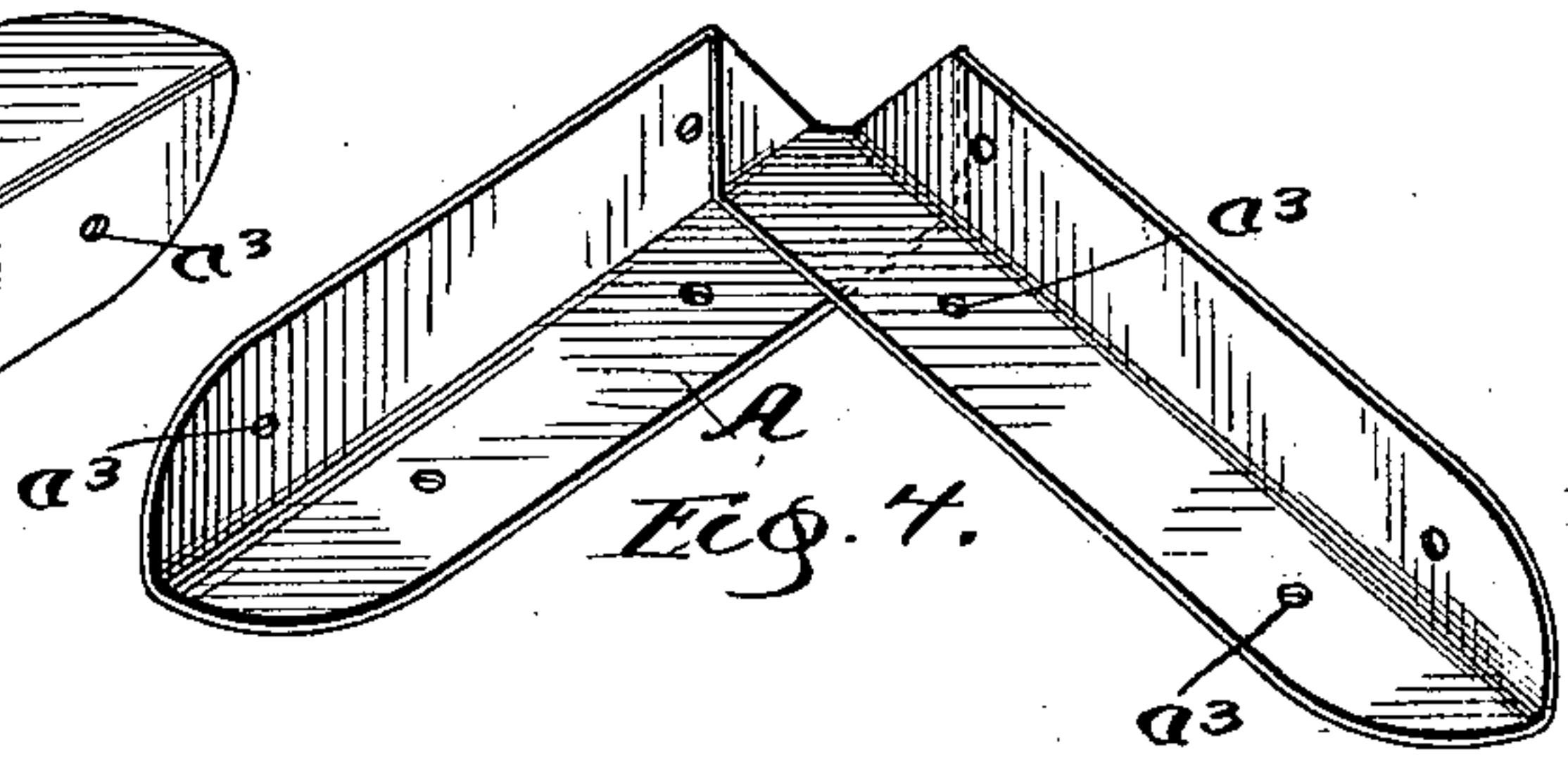


Fig. 4.



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UNITED STATES PATENT OFFICE.

LEVI M. DEVORE, OF FREEPORT, ILLINOIS, ASSIGNOR OF ONE-HALF TO M.
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SHEET-METAL CORNER-IRON.

SPECIFICATION forming part of Letters Patent No. 564,273, dated July 21, 1896.

Application filed October 10, 1895. Serial No. 565,299. (No model.)

To all whom it may concern:

Be it known that I, LEVI M. DEVORE, a citizen of the United States of America, residing at Freeport, in the county of Stephenson and State of Illinois, have invented certain new and useful Improvements in Sheet-Metal Corner-Pieces, of which the following is a specification.

My invention relates to a certain new and improved sheet-metal corner-piece, the object of the invention being to produce a strong and cheap corner-piece for boxes, brackets, and the like by forming the same from a narrow strip of metal, the economy consisting in the saving of waste of material by the use of a narrow strip and the strength being due to the peculiar formation of the bracket.

The drawings presented herewith illustrate the invention by means of four figures, of which—

Figure 1 is a plan of a flat strip of metal. Fig. 2 is a plan of the same after one bend has been made, and Figs. 3 and 4 are respectively outside and inside perspectives of the same after the second bend has been made and the corner-piece formed.

Looking at the drawings it will be seen that

the first operation consists in bending the strip of metal A over in the dotted lines $a a$ until it rests flat upon itself, as seen in Fig. 2. The second operation consists in bending the metal after it is placed in the form seen in Fig. 2 in the dotted lines $a' a' a^2 a^2$, these two bends being continued only far enough to bring the bent portions at right angles to the remainder. The corner-piece is now completed by the punching of suitable holes a^3 , if the same are needed, and has great strength because of the double fold of material at the corner.

While a square corner is here shown, it is of course obvious any angle may be produced by varying the obliquity of the dotted line $a a$.

I claim as new and desire to secure by Letters Patent—

A corner-piece consisting of a strip of sheet metal folded flat upon itself in an oblique line extending across the strip and then bent at right angles in lines approximately parallel with the sides of the strip; substantially as described.

LEVI M. DEVORE.

Witnesses:

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