

No. 684,280.

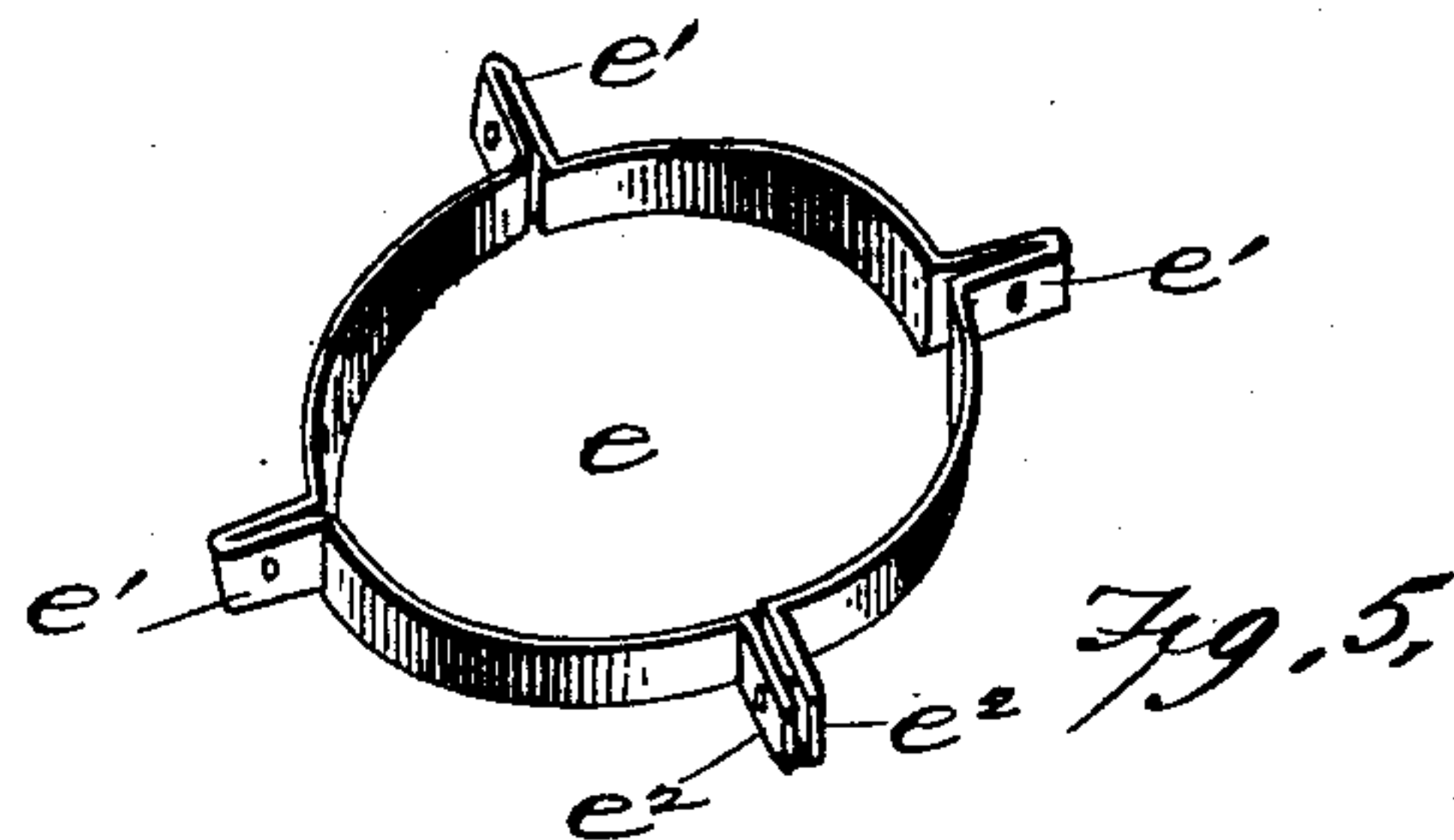
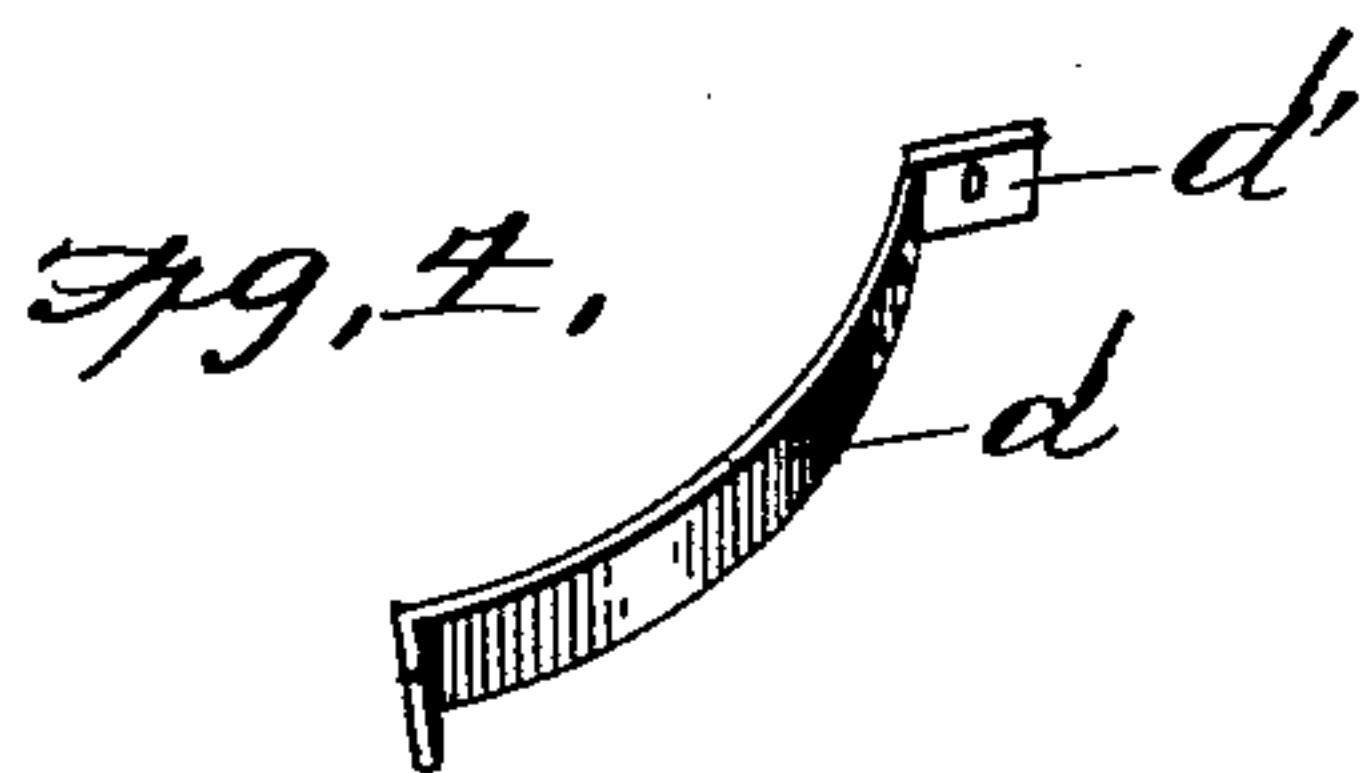
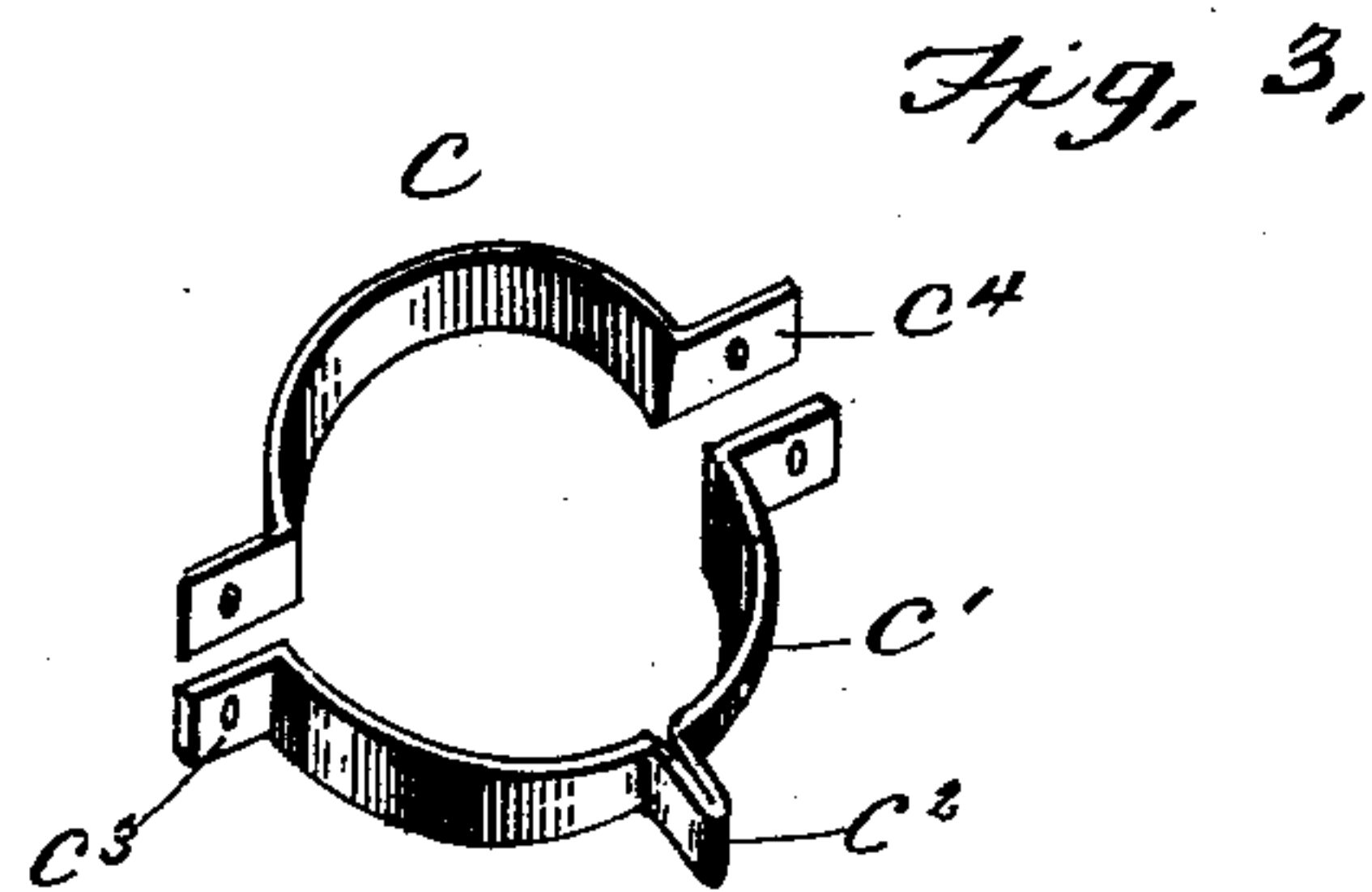
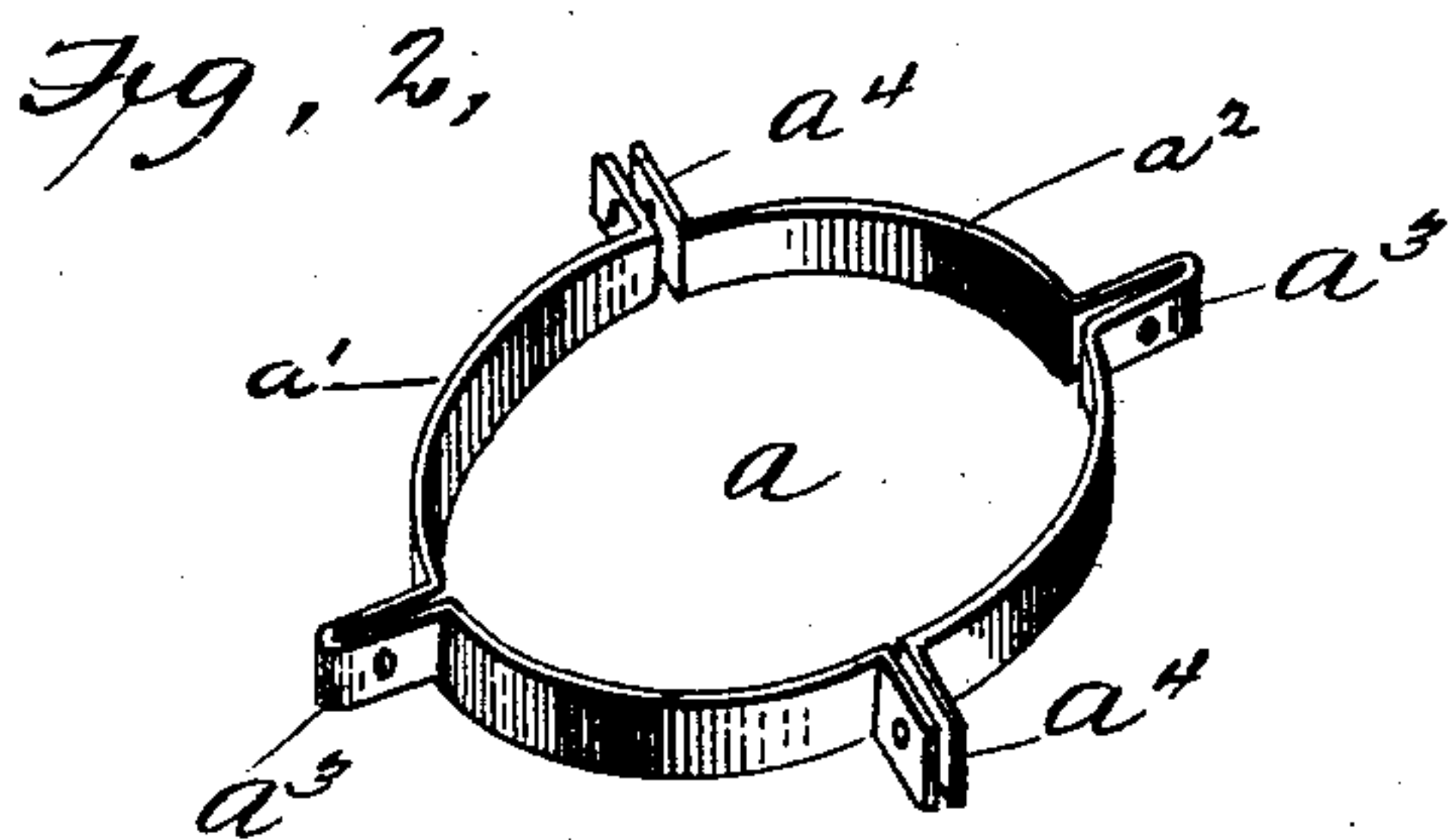
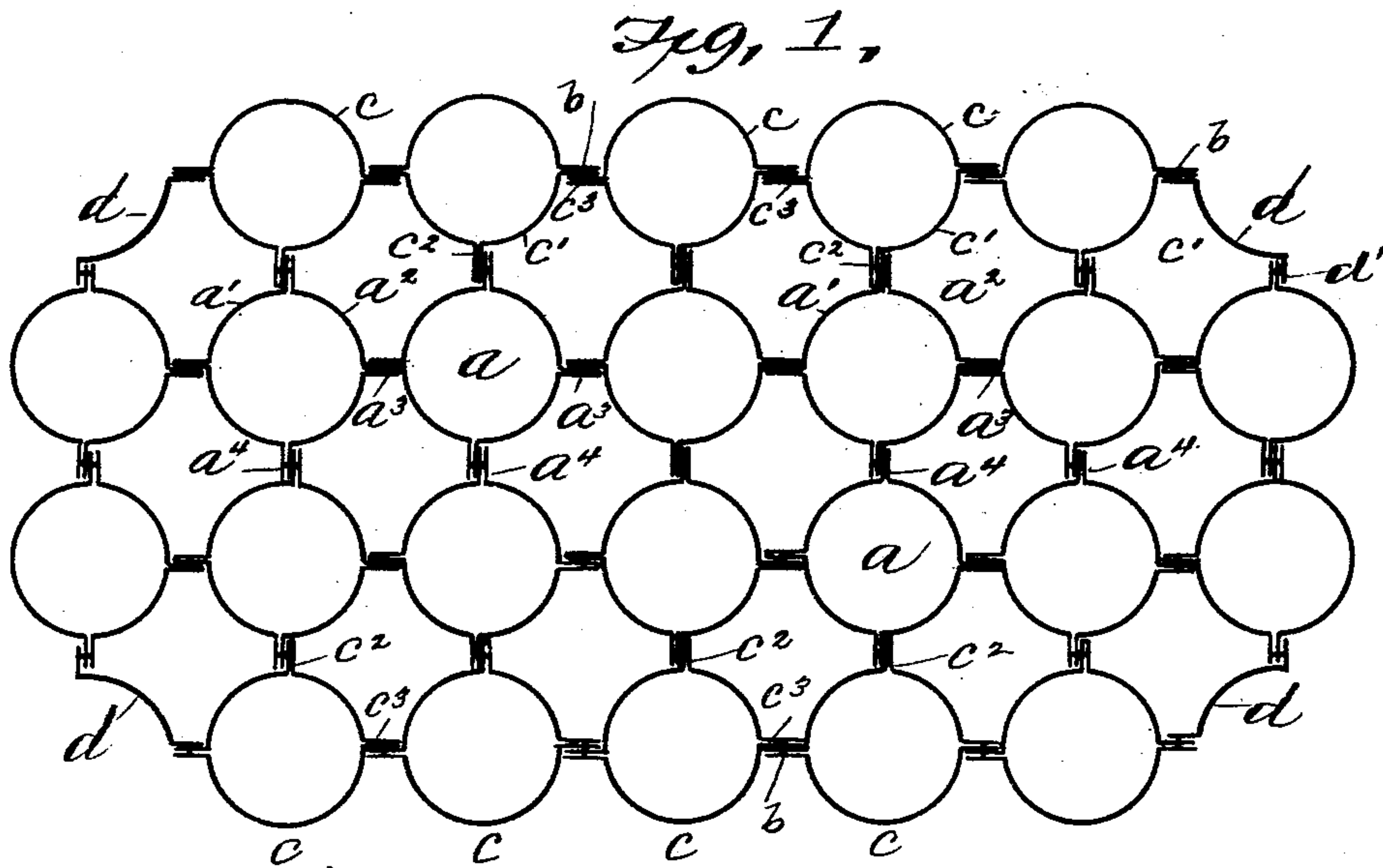
Patented Oct. 8, 1901.

E. J. MANNING.

FLOOR MAT.

(Application filed June 18, 1901.)

(No Model.)



WITNESSES:

*L. W. Johnson.*  
*Amos Matthews*

INVENTOR

*E. J. Manning*  
BY  
*J. R. Nottingham*  
ATTORNEY



# UNITED STATES PATENT OFFICE.

EBEN J. MANNING, OF LAKE CITY, MINNESOTA.

## FLOOR-MAT.

SPECIFICATION forming part of Letters Patent No. 684,280, dated October 8, 1901.

Application filed June 18, 1901. Serial No. 65,062. (No model.)

*To all whom it may concern:*

Be it known that I, EBEN J. MANNING, a citizen of the United States, residing at Lake City, in the county of Wabasha and State of Minnesota, have invented certain new and useful Improvements in Floor-Mats; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to floor-mats in general, but more particularly to that class of mats which are preferably composed of metal and are designed to be folded when not in use; and it consists, essentially, of a series of meshes formed of one or more metallic segments or sections pivotally joined together.

The invention further consists of the peculiar construction of the meshes and their novel arrangement and combination, as will be hereinafter fully described, and particularly stated in the claims.

The principal object of the invention is to so construct the meshes and join them together that the mat will be capable of being folded lengthwise or crosswise, as may be desired.

In the accompanying drawings, Figure 1 is a plan view of my improved mat with border complete; Fig. 2, a perspective view of one of the meshes. Fig. 3 is a similar view of the sections forming the border. Fig. 4 is a perspective view of the corner-section of the border, and Fig. 5 similar views of a modified form of mesh.

In Figs. 1 and 2 the letter *a* indicates a mesh composed of two semicircular sections *a'* *a''*, each section being formed with an outwardly-extending central closed loop *a<sup>3</sup>* and with end projections *a<sup>4</sup>*. In constructing the mat of this form of mesh it is preferred to pivotally connect together the loops *a<sup>3</sup>* of the respective meshes, leaving the open ends to be pivotally joined together. A number of meshes, sufficient to form a mat of the required size, are pivotally joined together by rivets *b*, as shown in Fig. 1. The border is formed of two half-sections *c* *c'*, the inner sections *c'* being formed of a band or strip bent semicircular, with a central closed loop *c<sup>2</sup>* and with outward end

projections *c<sup>3</sup>*, and the outer sections *c* bent in the form of a semicircle, with end projections *c<sup>4</sup>*. The closed loops *c<sup>2</sup>* are adapted to be pivotally joined with the open end projection *a<sup>4</sup>* of the adjacent meshes and the end projections pivotally joined to one another. The corner-sections *d* of the border are formed of a strip bent in the shape of a segment of a circle, with outwardly-extending projections *d'*, adapted to be pivotally joined to the open end projections of the adjacent border-meshes. It will be seen that a mat thus constructed is capable of being folded or rolled either lengthwise or crosswise.

The form of mesh *e* shown in Fig. 5 is composed of a single band or strip of suitable width bent to form approximately a circle, with three outwardly-extending closed loops *e* to form pivotal connections with the adjacent meshes and with the open end projections *e'* to form a pivotal connection with one of the closed loops. A border similar to that shown in Fig. 1 may be applied to a mat formed of the single band or strip mesh.

It will be understood that while it is preferred to make the meshes of metallic strips or bands and bend them into proper shape they may be made of cast metal without materially affecting the principle of my invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is--

1. In a metallic mat the combination of a series of meshes each mesh being formed with outwardly-extending closed loops and open end projections, said meshes adapted to be pivotally joined together, whereby the mat may be rolled or folded lengthwise or crosswise.

2. In a metallic mat the combination of a series of meshes, each mesh being formed of two sections, each section having an outwardly-extending closed loop and end projections, said meshes adapted to be pivotally joined together, as and for the purpose specified.

3. A metallic mat, having its body composed of a series of meshes, each mesh being formed of two sections, each section having

an outwardly-extending closed loop and open  
end projections, said meshes adapted to be  
pivotally joined together, and its border com-  
posed of a series of meshes formed of two  
5 semicircular bands, the outer section having  
outwardly-extending ends and the inner sec-  
tion having a central loop and outwardly-ex-  
tending ends to form pivotal connections with

the body-meshes and with each other, and cor-  
ner-sections, as and for the purpose specified. 10

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

EBEN J. MANNING.

Witnesses:

ROY M. PIKE,  
C. E. CRANE.