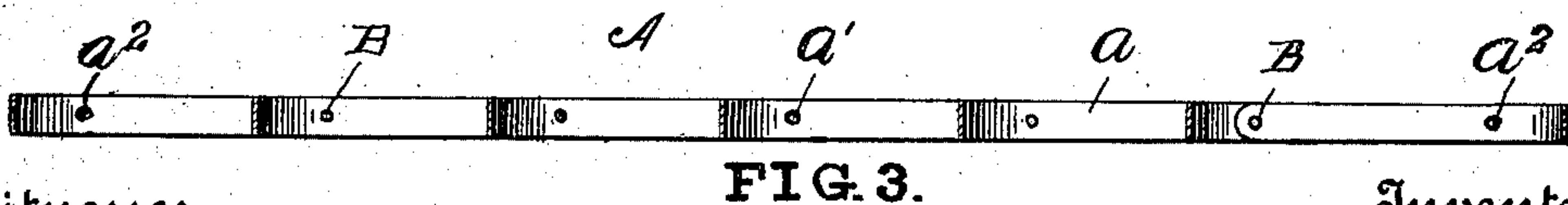
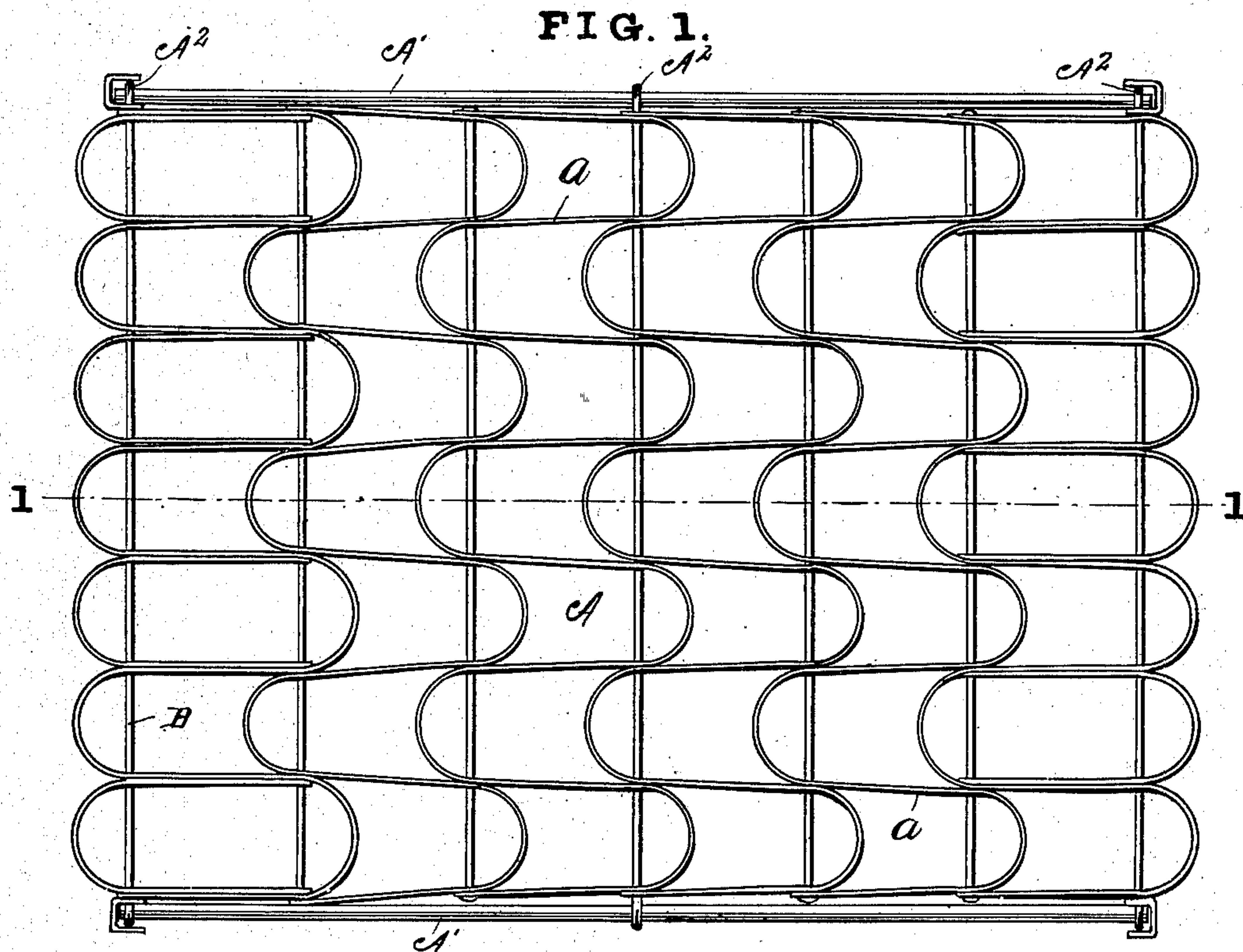


H. J. H. BRUHN.

DOOR MAT.

APPLICATION FILED JUNE 11, 1903.

NO MODEL.



Witnesses

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HUGO J. H. BRUHN, OF BALTIMORE, MARYLAND.

DOOR-MAT.

SPECIFICATION forming part of Letters Patent No. 736,358, dated August 18, 1903.

Application filed June 11, 1903. Serial No. 160,962. (No model.)

To all whom it may concern:

Be it known that I, HUGO J. H. BRUHN, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented new and useful Improvements in Door-Mats, of which the following is a specification.

My invention relates to improvement in mats for doors and other like purposes; and the object is to simplify and improve the construction over the existing prior state of the art and at the same time by said construction to reduce the cost of manufacture thereof to a minimum.

To this end the invention consists in the novel construction and arrangement of parts, as will be hereinafter more in detail described and definitely claimed.

In the accompanying drawings, which illustrate my invention, Figure 1 is a top or plan view of my invention. Fig. 2 is a side view of the same, and Fig. 3 is a longitudinal section thereof.

Referring to the drawings, in which like letters denote like parts in the several figures, A designates a metallic mat composed of one or more corrugated strips *a*, forming flexible sections arranged parallel with each other. These sections describe a U-shaped contour in one direction and an inverted-U-shaped contour in an opposite direction, one section being projected a short distance within the adjoining section, these strips having formed therein perforations *a'* at predetermined distances apart, so that each perforation in each section will aline with each other when the sections are assembled together. Interposed alternately between the corrugations in the strips *a* of the two end sections are also a number of U-shaped strips, these being disposed in one of the end sections in an opposite direction to those of the other end section, which gives the outer edges of each end section substantially a scalloped contour, these alternately-disposed U-shaped strips having perforations *a''* also formed therein, which aline with the perforations *a'* in the strips of the sections above referred to.

A' designates binding and strengthening rods located upon each side of the mat and which are passed through eyes A², formed on the ends of one or more smaller transverse rods, hereinafter to be explained. These rods A' when the mat is not in use are withdrawn

from the eyes A² of the transverse rods mentioned above, when the mat can then be folded neatly and snugly in a small compass for convenience in carrying said mat.

B designates a number of rods which are passed loosely through these perforations and which are also arranged parallel with each other, which loosely secures the sections together and gives each section of the mat an independent movement from each other upon said rods, or, in other words, provides a flexible mat. Through the medium of such flexibility of the assembled sections the mat is readily folded into a small compass, and thus insures economy in space when occasion requires the transportation of a great number of them from one place to another.

Great importance is attached to the peculiar construction of my mat, as by such construction I attain also great strength and durability as well as economy, convenience, simplicity, and a mat which will accommodate itself to the floor or any inequalities of surfaces upon which it may be laid.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The perforated corrugated strips arranged in series parallel with each other, the ends of one series being projected within the U-shaped space of the adjoining series, and opposite ends of the same series being projected in the U-shaped space of the adjacent series; U-shaped strips interposed alternately between the corrugated strips, and rods arranged parallel with each other and passed through the corrugated and alternately-located U-shaped strips in the end sections whereby both the corrugated and U-shaped strips are loosely pivoted together, strengthening-rods located and loosely secured to the sides of the mat through the medium of eyes formed on the ends of the transverse rods B, adapted to be withdrawn from said eyes when the mat is not in use, substantially as shown and described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HUGO J. H. BRUHN.

Witnesses:

JAMES T. MERRIKEN,
HARRY C. MATHIEU.