

No. 800,900.

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CURRYCOMB.

APPLICATION FILED SEPT. 8, 1904.

Fig. 1.

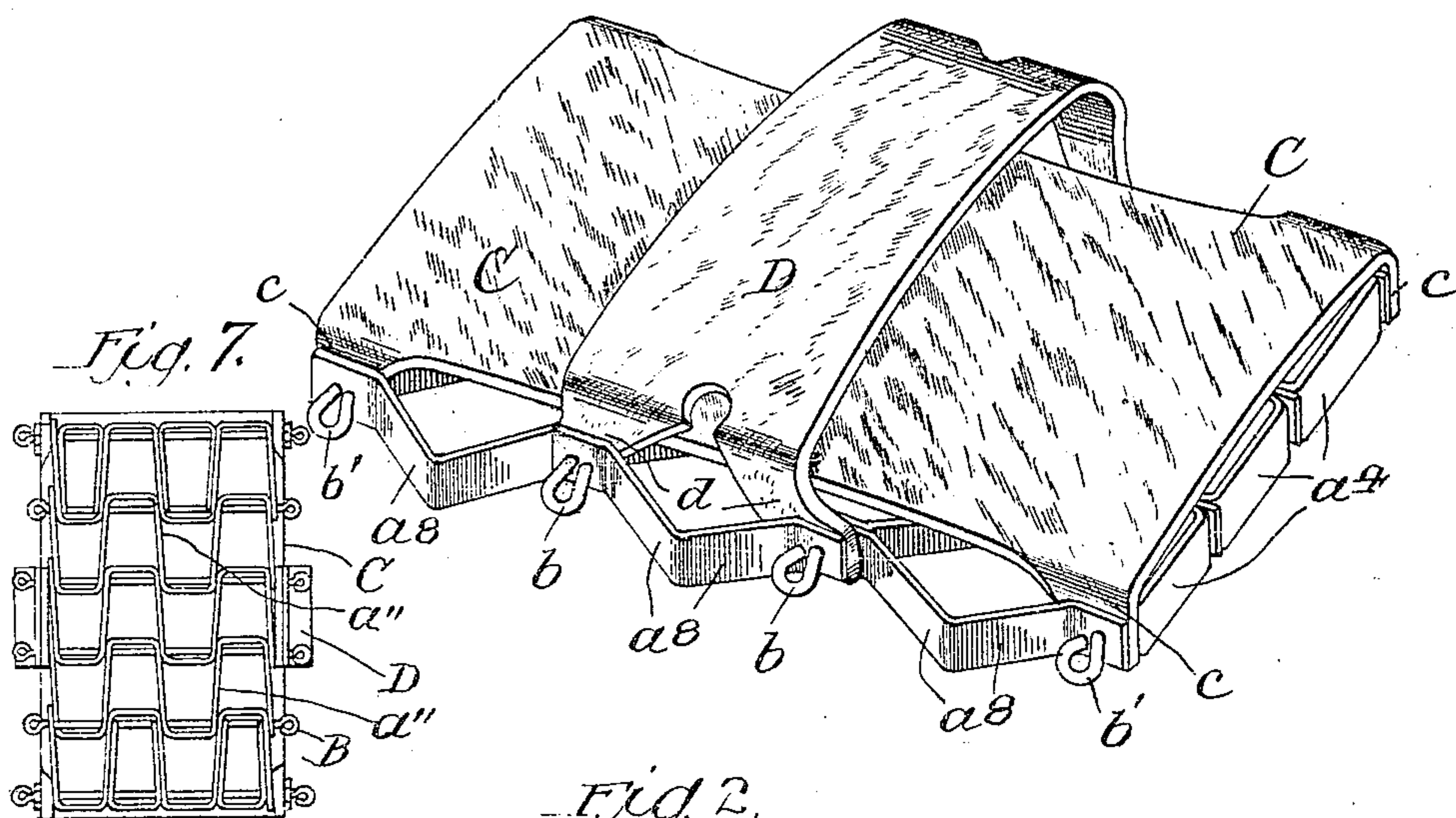


Fig. 2.

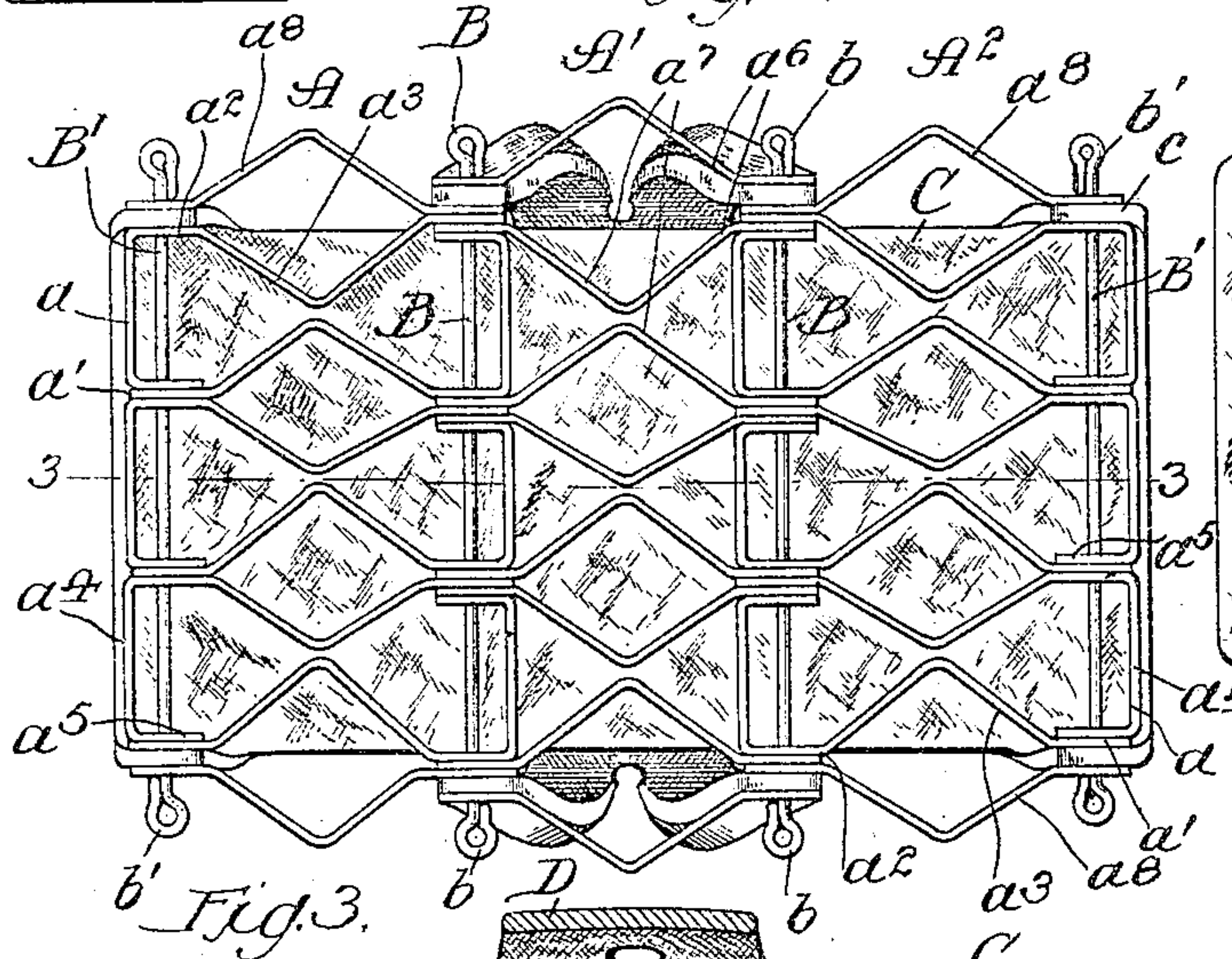


Fig. 4.

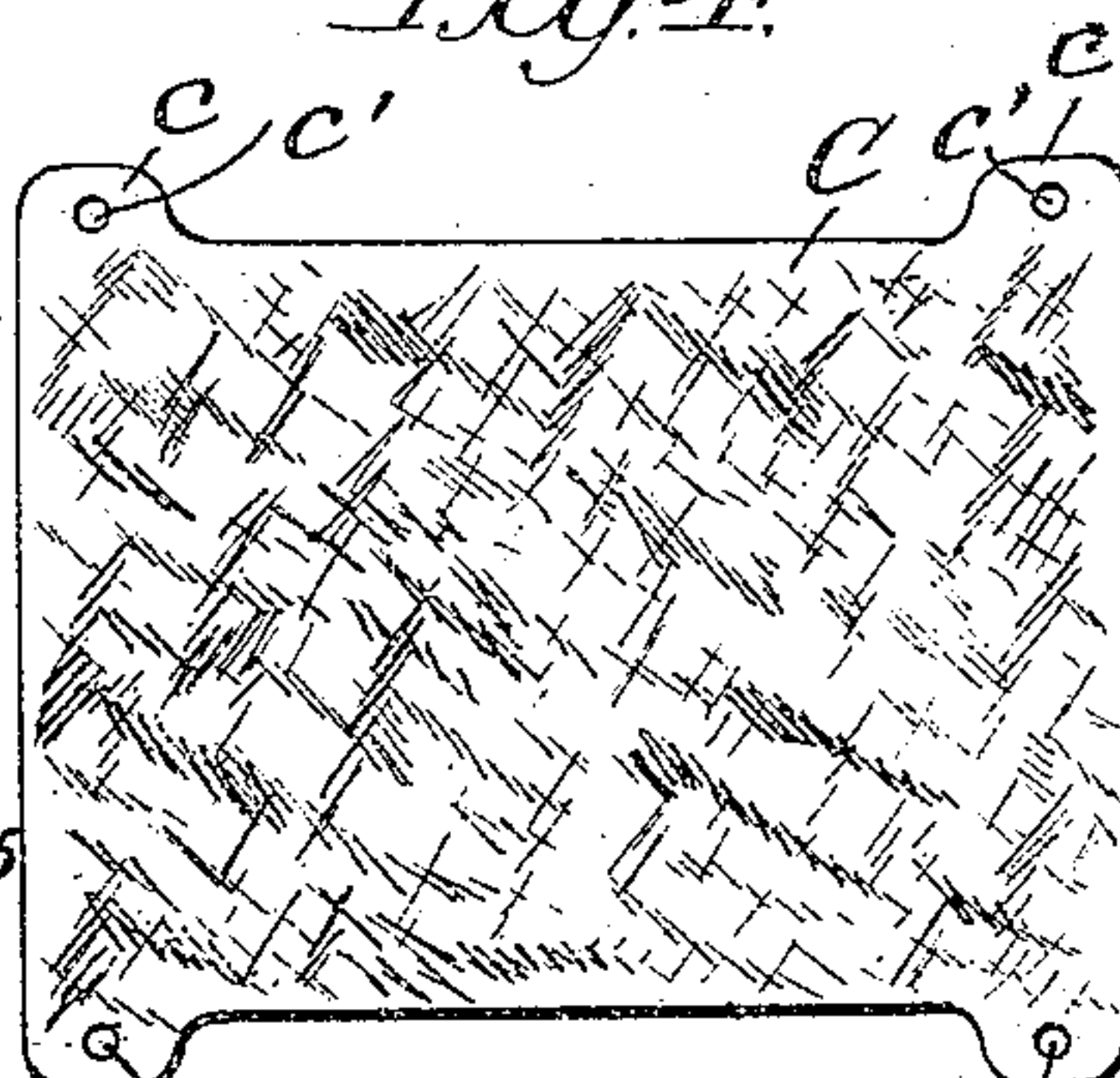


Fig. 5.

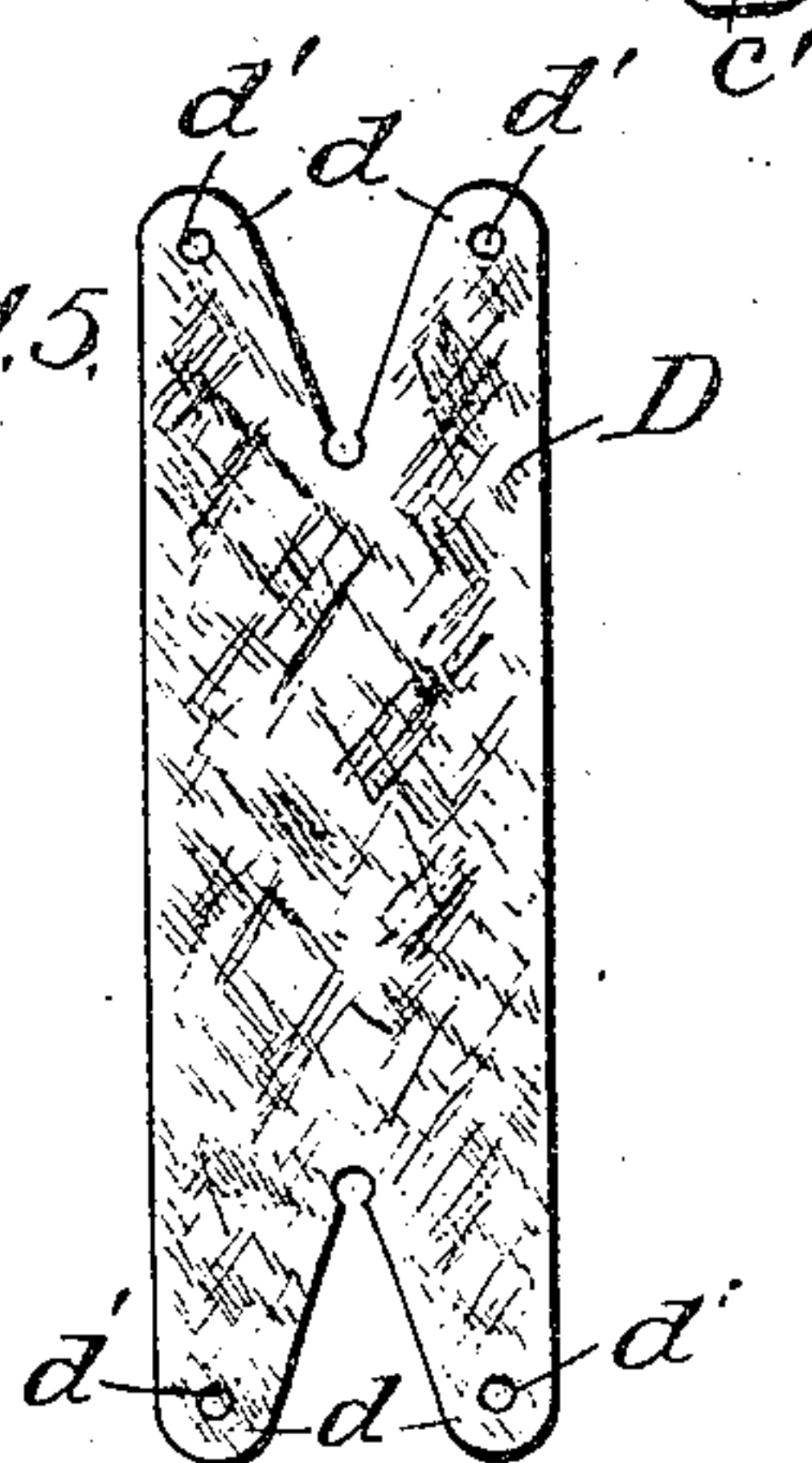


Fig. 3.

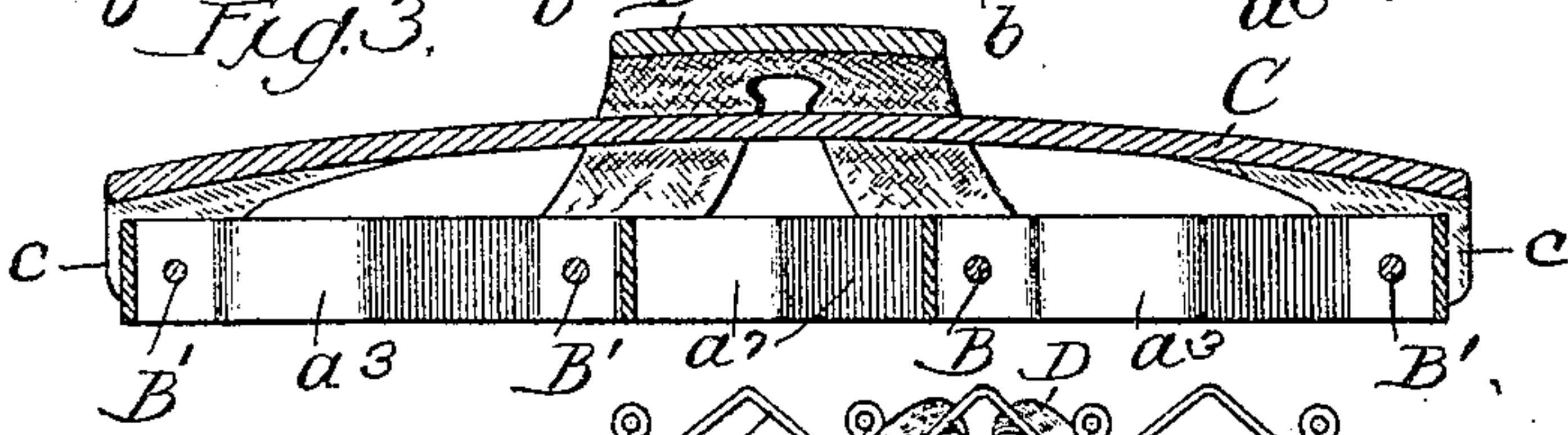
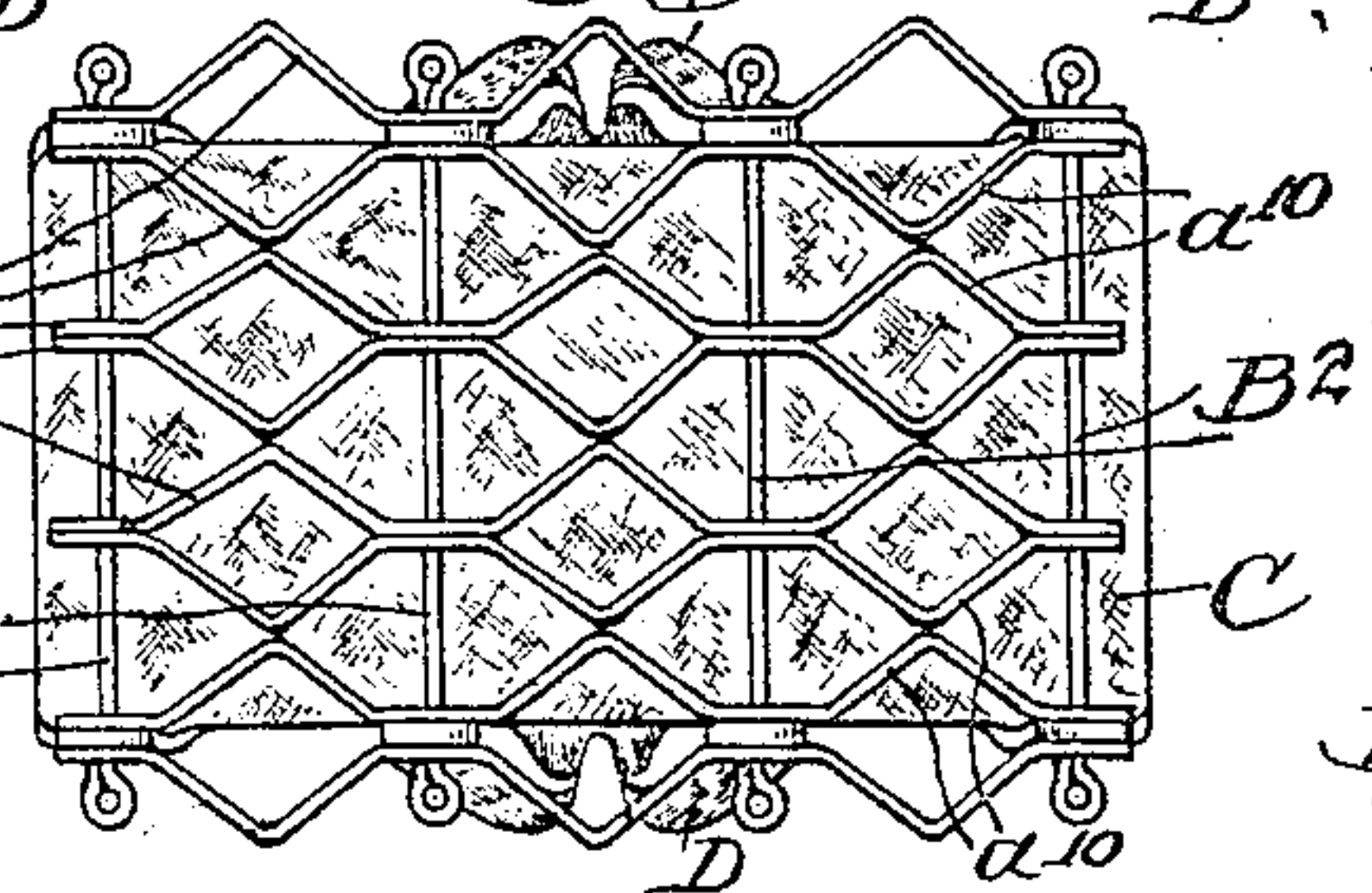


Fig. 6.



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UNITED STATES PATENT OFFICE.

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CURRYCOMB.

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To all whom it may concern:

Be it known that we, ARTHUR S. BURNELL and ALBANUS L. FRAZER, residents of Marshalltown, in the county of Marshall and State of Iowa, have invented certain new and useful Improvements in Currycombs, of which the following is a full, clear, and exact description.

The invention relates to currycombs, and designs to provide an improved article which is durable, efficient in use, and which can be produced at a low cost.

With these objects in view the invention consists of the several features hereinafter described, and more particularly defined by claim at the conclusion hereof.

In the drawings, Figure 1 is a perspective of a currycomb embodying the preferred form of the invention. Fig. 2 is an inverted plan. Fig. 3 is a section on line 3-3 of Fig. 2. Fig. 4 is a plan of a piece of flexible material which forms the back of the comb. Fig. 5 is a similar view of a piece of flexible material which forms the handle or holder loop. Fig. 6 is an inverted plan of a currycomb embodying a modified form of the invention. Fig. 7 is a similar view of another modification.

The edges of a series of flat metallic strips form the brushing or scraping edges of the comb. These strips are preferably formed of several series of short links or strips of metal, each series forming a comb-section. Three sections A, A', and A² are employed in the comb illustrated. The end sections A and A² each comprise a plurality of strips *a* and *a'*. Each of the strips *a* and *a'* comprises a side portion *a*², having a laterally-bent central portion *a*³, a transverse end bar *a*⁴, and a short side *a*⁵. Strips *a* and *a'* are oppositely arranged with respect to each other, so the end bar of one will be at one end of the section and the end bar of the other at the other end of the section. Central section A' comprises a series of short strips *a*⁶, each of which has its central portion bent laterally, as at *a*⁷. A border strip *a*⁸ is provided at each side of section A and A² and is of substantially the same shape as the strips *a*⁸.

Each of the strips of the several sections has its side portions perforated, and through the overlapping side portions thereof extends a rod B, which flexibly connects the strips of one section to the strips of the next. Said

rods are provided at each of their ends with a loop *b* for holding the strips against material lateral play along the rods. The strips of each of the end sections are secured together in connected relation by cross-rods B', provided with heads *b'*. It has been found that the strips arranged as described are efficient in use, because the bent side portions are angularly disposed with respect to the end portions, and thus insure scraping of the entire surface over which the comb is moved. An important advantage resulting from the flexible connection between the sections is that the scraping edges can readily conform to the curvatures of the surface over which the brush is moved.

The back C of the comb consists of a sheet of flexible material—*e. g.*, leather—cut to fit over the metallic strips and provided with corner portions or ears *c*, which are perforated at *c'*. The back is secured to the metallic strips by end rods B', which extend through perforations *c'*. To protect the ears *c* from wear, each is held between a border strip *a*⁸ and the adjacent strip of the end section. This construction or manner of securing the back to the body provides a simple and inexpensive flexible back.

A handle or loop D, formed of flexible material—*e. g.*, leather—has ends or extensions *d*, perforated, as at *d'*. Said ends *d* are held between one of the border strips and one of the adjacent strips of the sections, and rods B extend through perforations *d'*, and thus the handle is well secured to the metallic body. This manner of fastening the handle is a simple one and aids in producing the article at a low cost.

In Fig. 6 is shown a modified form of the invention in which the scraping-surfaces are formed by a series of strips A⁴, having laterally-bent portions *a*¹⁰. The strips are alternately arranged so one strip will abut against and position the next. Tie-rods B² extend through the perforations in the strips A⁴ and secure them in connected relation. The tie-rods also extend through the handle and connect the lateral strips to the handle and back. In this form of the invention the body is more rigid and is adapted for use in instances where greater rigidity is desired.

Fig. 7 illustrates a currycomb in which the scraper is formed of a series of sections

hinged together by rods B¹. Each section is formed of a metallic strip a¹¹, bent to form alternately-arranged U's, which are arranged to fit into the corresponding parts of the adjacent sections.

The invention is not to be understood as restricted to the precise details shown and described, but may be modified by the skilled mechanic without departing from the spirit and scope of the invention.

Having thus described the invention, what we claim as new, and desire to secure by Letters Patent, is—

1. A currycomb comprising the combination of a plurality of pivotally-connected metal strips, having their edges arranged to form a scraper, and a handle.

2. A currycomb comprising the combination of a plurality of metal strips, having their edges arranged to form a scraper, cross-rods pivotally connecting the strips, and a handle.

3. A currycomb comprising the combination of a plurality of pivotally-connected metal strips having their edges arranged to form a scraper, a back connected to the strips, and a handle whereby the article can be held.

4. A currycomb comprising the combination of a plurality of metal strips, having their edges arranged to form a scraper, a back formed of a piece of material having perforations therein, and rods connecting the back to the strips and extending through and connecting the strips.

5. A currycomb comprising the combination of a plurality of metal strips, having their edges arranged to form a scraper, a handle formed of a piece of flexible material, having perforations therein, and a rod extending through said perforations to secure the handle to the strips.

6. A currycomb comprising the combination of a plurality of metal strips, having their edges arranged to form a scraper, a back formed of flexible material and having perforations therein, a handle formed of flexible material, having perforations therein, and rods extending respectively through the perforations of the back to connect the back and the strips and through the perforations of the handle to connect the handle and the strips together.

7. A currycomb comprising the combination of a plurality of metal strips, having

their edges arranged to form a scraper, a flexible connection between the strips, and a handle.

8. A currycomb comprising the combination of a plurality of metal strips, having their edges arranged to form a scraper, a flexible connection between the strips, and a flexible handle.

9. A currycomb comprising the combination of a plurality of metal strips, having their edges arranged to form a scraper, a cross-rod flexibly connecting the strips and a flexible back connected to the strips.

10. A currycomb comprising the combination of a plurality of metal strips, having their edges arranged to form a scraper, a handle formed of flexible material, having perforations therein and cross-rods extending through said perforations and through the strips.

11. A currycomb comprising the combination of a plurality of metal strips, having their edges arranged to form a scraper, a back formed of flexible material, connected to the strips, a handle formed of flexible material and having perforations and cross-rods respectively extending through the strips and connecting the back and handle to the strips.

12. A currycomb comprising the combination of a plurality of sections each comprising a plurality of metal strips having their edges arranged to form a scraper, a flexible connection between the strips of one series and those of the next, and a handle.

13. A currycomb comprising the combination of a plurality of sections each consisting of a plurality of metal strips, having their edges arranged to form a scraper, a flexible connection between the sections, a flexible back connected to the strips and a flexible handle-loop also connected to the strips.

14. A currycomb comprising the combination of a plurality of metal strips, having their edges arranged to form a scraper, a back formed of flexible material and having perforations therein; a handle formed of flexible material, having perforations therein, cross-rods connecting the strips and extending through the perforations in the back and the strips, and a cross-rod extending through the strips and the handle.

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