

(No Model.)

G. KELLY.

DOOR MAT.

No. 372,225.

Patented Oct. 25, 1887.

FIG. 1.

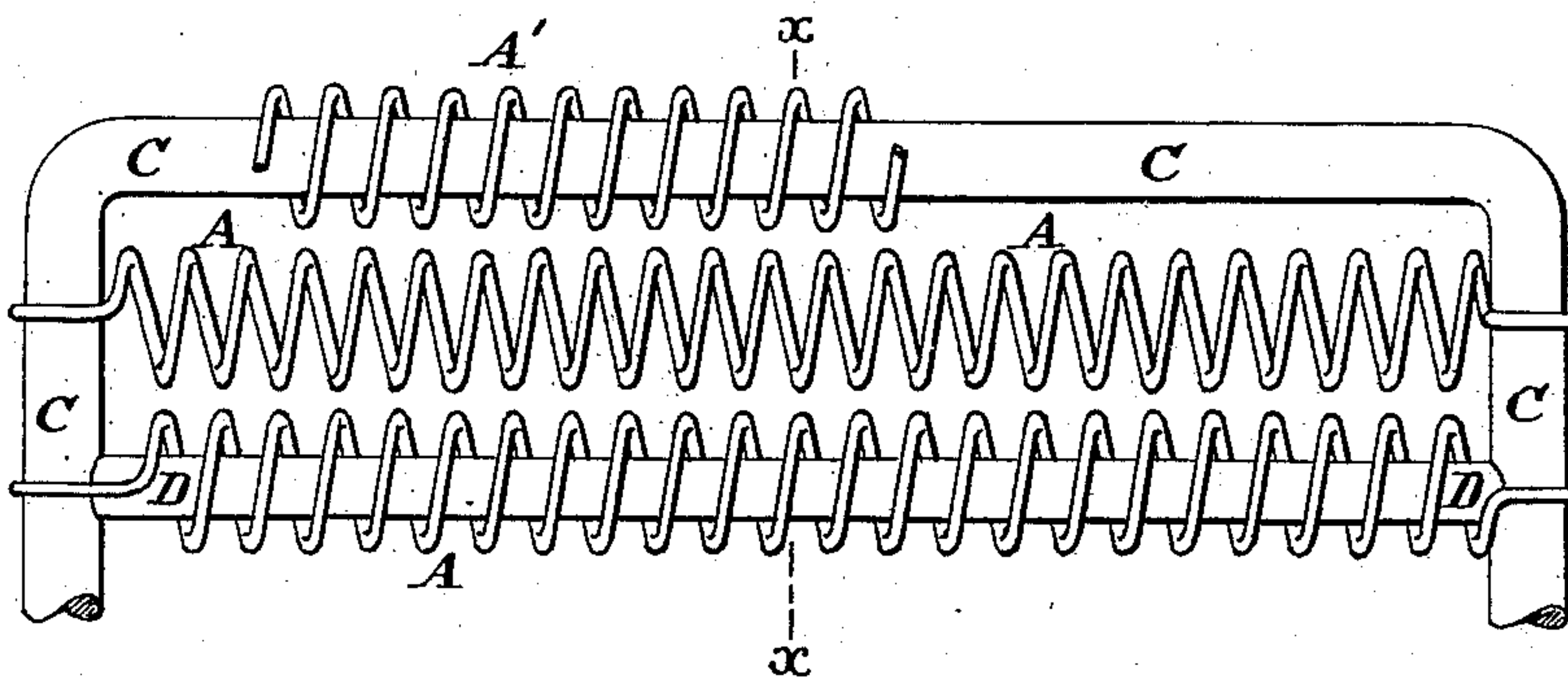


FIG. 2.



FIG. 3.

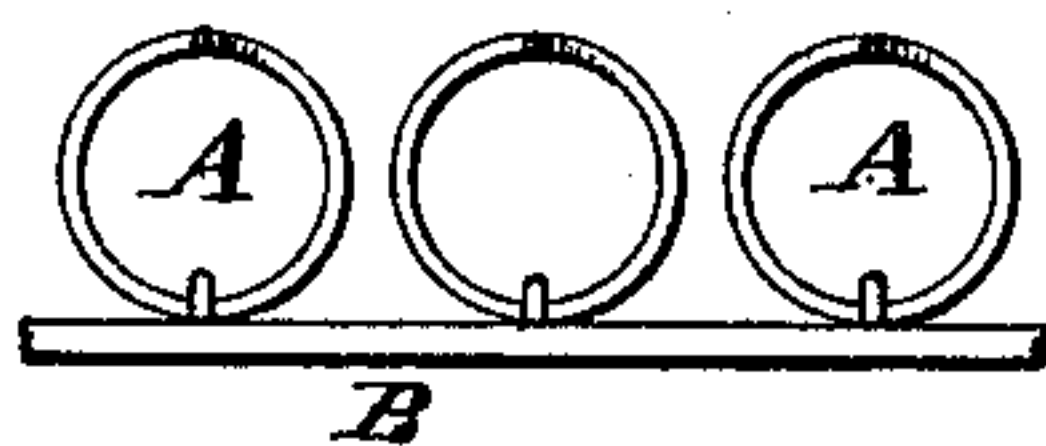
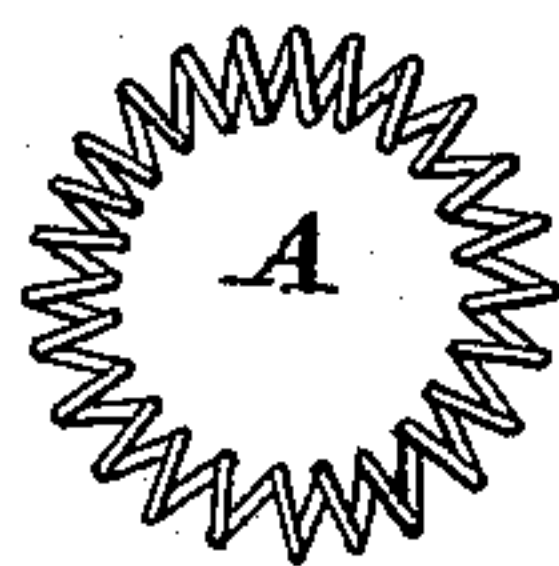


FIG. 4.

ATTEST:

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by

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UNITED STATES PATENT OFFICE.

GEORGE KELLY, OF CHICAGO, ILLINOIS.

DOOR-MAT.

SPECIFICATION forming part of Letters Patent No. 372,225, dated October 25, 1887.

Application filed December 20, 1886. Serial No. 222,138. (No model.)

To all whom it may concern:

Be it known that I, GEORGE KELLY, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Door-Mats; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, in which—
10 Figure 1 is a plan view of a portion of a door-mat embodying my invention; Fig. 2, a detail section of the same at line *x x*, Fig. 1; Fig. 3, a similar view of a modified arrangement of parts; and Fig. 4, a detail view of a modified
15 form of the disconnected spirals employed in my improvement.

Similar letters of reference indicate like parts in the several views.

This invention relates to mats used in front
20 of doors, &c., for wiping or cleaning the footwear of persons passing over said mat; and the present invention has for its object to provide a simple, durable, and effective mat-surface for such use.

25 To enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to more fully describe its mode of construction.

Referring to the drawings, A represents a
30 series of disconnected spirals of wire, arranged parallel with each other and retained in such position either by being attached to a supporting base or frame, B, as indicated in Fig. 3, by wire staples or other suitable means, or by
35 means of loops at their end to a marginal frame, C. This last form is preferred for general use, and when desired or found necessary such

frame C will be braced by transverse stay-rods D, arranged to pass through the coils A, as indicated in Figs. 1 and 2. These stay-rods perform the additional function of holding the
40 spirals A, through which they pass, in proper position.

A' represents a wire coil surrounding the whole or a part of the marginal frame C, for
45 the purpose of utilizing the same as a rubbing or cleaning surface.

The spirals are preferably an ordinary open spiral of wire, as indicated in Figs. 1, 2, and 3; yet where an extra elastic surface is required
50 I make the same in the form of a compound spiral by taking an ordinary small tubular spiral and forming it into a large spiral, as indicated in Fig. 4.

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

1. A door-mat consisting of a series of disconnected spirals arranged together in parallel position and attached to a supporting frame
60 or base, substantially as set forth.

2. A door-mat consisting of a series of disconnected spirals arranged together in parallel position and attached to a marginal supporting-frame that is provided with transverse
65 stay-rods D, which pass through said spirals, essentially as described, and for the purpose set forth.

In testimony whereof witness my hand this 17th day of December, A. D. 1886.

GEORGE KELLY.

In presence of—

ROBERT BURNS,
DANL. CURTIS.