

(No Model.)

H. PATTBERG.  
DOOR MAT.

No. 428,627.

Patented May 27, 1890.

FIG. 1

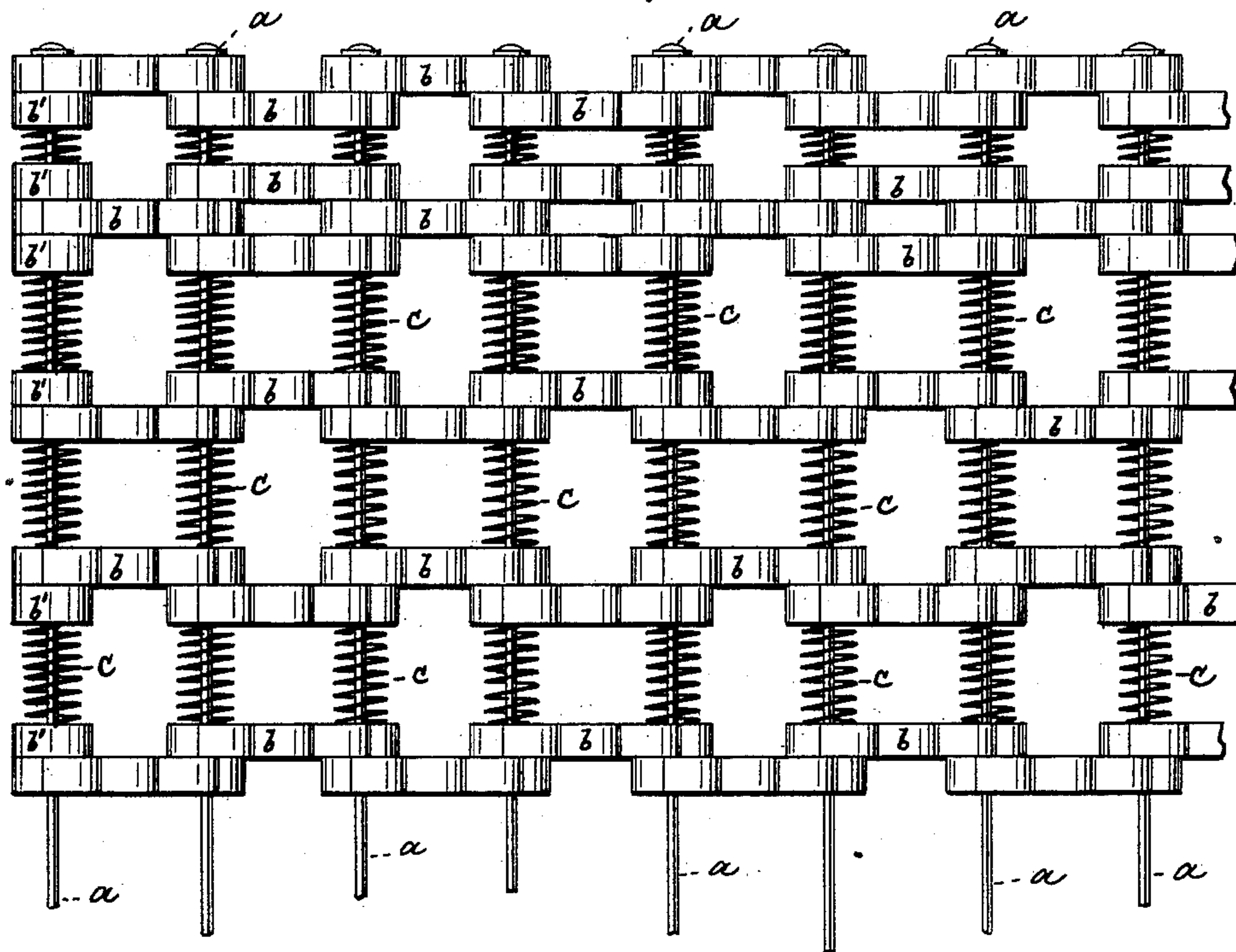


FIG. 2



FIG. 3



WITNESSES

*Wm. T. Lowe*  
*Wm. Wagner*

INVENTOR

*H. Pattberg*  
*by his attorneys*  
*Coester & Pien*

# UNITED STATES PATENT OFFICE.

HENRY PATTBERG, OF JERSEY CITY, NEW JERSEY.

## DOOR-MAT.

SPECIFICATION forming part of Letters Patent No. 428,627, dated May 27, 1890.

Application filed January 25, 1890. Serial No. 338,126. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY PATTBERG, of Jersey City, Hudson county, New Jersey, have invented an Improved Door-Mat, of which the following is a specification.

This invention relates to a door-mat in which the scrapers are made movable laterally by intervening springs. Thus the scrapers will follow the foot to a slight extent and will act somewhat like a reciprocating brush.

The invention consists in the various features of improvement, more fully pointed out in the claim.

In the accompanying drawings, Figure 1 is a face view of a portion of my improved door-mat. Figs. 2 and 3 are side views of the links *b b'*, respectively.

The letters *a a* represent a series of parallel metal rods passing through a series of links or scrapers *b*. These scrapers are made of metal or other material and are perforated near each end for the passage of the rods. The upper edge of scrapers *b*, I prefer to make of the corrugated form shown in Fig. 2. The scrapers *b* are slipped over the rods *a* in such a manner that a continuous mat is formed. This is accomplished by passing any pair of adjoining rods sometimes through the ends of the same scraper and sometimes through the ends of two different scrapers, as shown. The end rod (left-hand end, Fig. 1) carries a

few circular scrapers *b'* with a single perforation, in lieu of scrapers *b*, to make the proper finish.

Around the rods *a* there are coiled between the scrapers *b* the springs *c*. These springs bear with each end against one of the scrapers. I prefer to arrange the springs in the manner shown in the drawings, in which a pair of scrapers is placed between every two springs, excepting at the margin, where some of the springs are omitted, to secure greater stiffness at the edge.

It will be seen that in my improved mat the links will tend to follow to a limited extent the motion of the foot. They will thus stay for a longer time in contact with the foot and will effectively remove the dirt without scratching the sole.

What I claim is—

The combination of a series of rods, with a series of perforated scrapers placed upon and connecting the rods, and with a series of independent springs coiled around the several rods, each spring bearing with its ends against two adjoining scrapers, substantially as specified.

HENRY PATTBERG.

Witnesses:

F. V. BRIESEN,  
A. JONGHMANS.