

(No Model.)

J. H. JAMES.  
CARPET FASTENER.

No. 604,757.

Patented May 31, 1898.

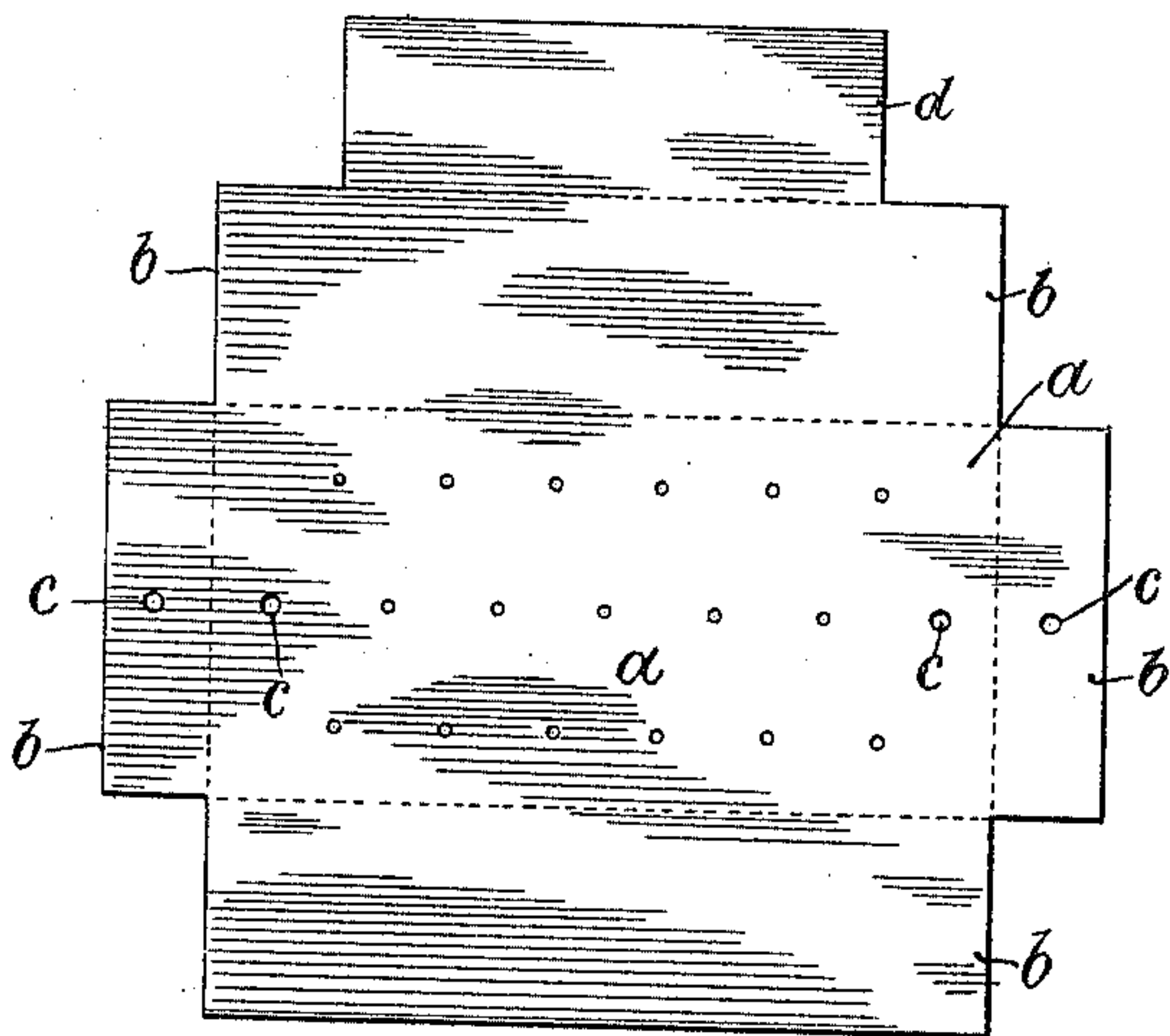


Fig. 1.

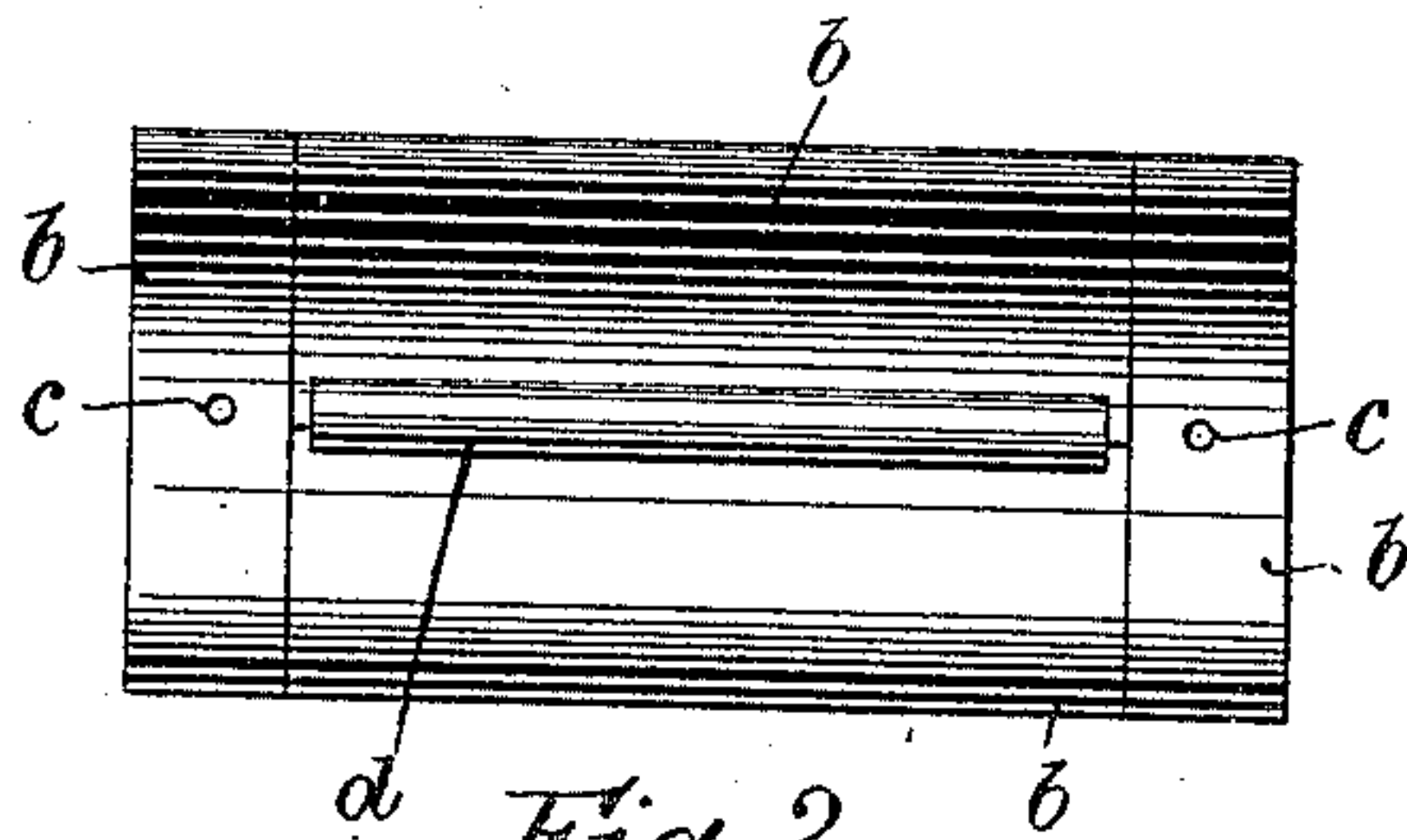


Fig. 2.

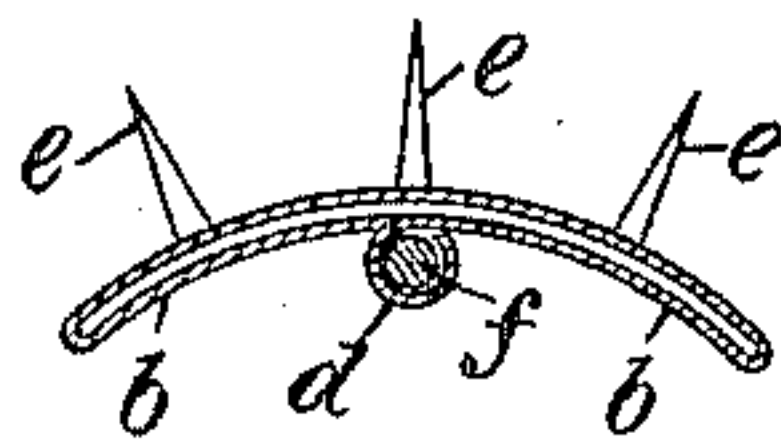


Fig. 3.

Witnesses,  
George M. Richards  
G. M. Lamasure

Inventor,  
John H. James  
by W. H. Babcock

# UNITED STATES PATENT OFFICE.

JOHN HERBERT JAMES, OF LONDON, ENGLAND.

## CARPET-FASTENER.

SPECIFICATION forming part of Letters Patent No. 604,757, dated May 31, 1898.

Application filed December 20, 1897. Serial No. 662,617. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN HERBERT JAMES, commercial clerk, a subject of the Queen of England, and a resident of 25 Harberton road, Upper Holloway, in the city of London, England, have invented a new and useful Improved Means for Securing Mats, Rugs, and the Like in Place, of which the following is a specification.

10 The object of my invention is to provide means for securing mats, rugs, carpets, floor-coverings, and the like, so as to prevent them from slipping out of their proper positions, and in the case of door-mats more particularly to obviate the danger of the mat sliding  
15 with the foot when trodden upon.

My invention consists of an arched metal plate having radial points projecting vertically upward and obliquely on both sides of  
20 the center, with a rod running in a longitudinal eye along the central line of the plate for the purpose of strengthening the same. One or more of these plates are laid upon or secured to the paving or flooring in convenient  
25 positions, and the corners or other parts of the mat, rug, or other floor-covering or the like are secured thereto by pressing same onto the spikes or points.

In the accompanying drawings, Figure 1  
30 represents a metal blank *a*, having side and end flaps *b* and an additional flap *d*, which are intended to be folded along the dotted lines shown. Figs. 2 and 3 are respectively under plan and cross-section of the spiked  
35 plate made from the blank shown in Fig. 1.

The same letters of reference, where they occur, are used to denote the same or corresponding parts in all the figures.

In manufacturing the form shown in Figs.  
40 1 to 3 I take a thin rectangular sheet of tin, tinned iron, or any other suitable metal having its ends and sides in the form of flaps *b* and a flap *d*, additional to one of the side flaps and having three or more rows of perforations *g* in the central portion thereof.  
45 Into these perforations *g* I place wrought or cast iron or other suitable metal spikes or points *e*, having their blunt ends flattened or headed. I then fold the side and end flaps *b*  
50 of said metal plate over upon the central perforated portion thereof, so that said sides overlap, as shown in Fig. 3, and I press them

down in any suitable manner until they come in contact with the flattened or headed ends of the spikes *e* and hold them firmly in position. I then make a suitable perforation *c*  
55 at each end of this plate for the reception of a screw, tack, nail, or the like, by means of which the said plate can be fastened in the required position on the floor or the like. 60  
When the side and end flaps *b* are thus folded over upon the heads or flattened portions of the spikes or points, the additional flap *d* is then folded so as to form a tubular casing for a rod or bar *f*, of iron or other suitable metal, 65  
running longitudinally along the under side of the device. The plate is now curved, as shown in Fig. 2, so as to form an arch having three or more rows of spikes projecting from its convex side and being supported on  
70 the concave side by the metal rod or bar *f*, the side rows of spikes now being at an angle to the surface of the metal plate. After being formed in either of the ways hereinbefore described I galvanize the device, so as to prevent rust and also to firmly cement the flattened ends of the spikes to the metal plates and fill up all crevices at the said perforations. The finished device can be fixed to  
75 the floor by means of two screws, nails, or the like passed through the perforations *c* with the spikes pointing upward, so as to firmly grip the under side of the mat, rug, carpet, floor-covering, or the like when the latter is laid thereon and hold it securely in  
80 position. These gripping devices can conveniently be placed near the ends and sides of the rug, carpet, floor-covering, or the like, but may be placed in any other convenient position. Each of these devices when complete is arched in the form of a longitudinal  
85 section of a cylinder, and the points project upward radially from its convex face in order that some may be perfectly vertical while others point obliquely and divergently on  
90 both sides of the central line. This insures a firm grip on the carpet or other fabric whichever way it may be pulled. When used with an ordinary mat, two of these devices usually suffice, one being placed under each of the  
95 corners of the mat nearest the door-posts, so as to be out of the way when the mat is temporarily removed for cleaning or other purposes. In the case of the arched plate, owing  
100



to the spikes or points at the sides being at an angle to the surface of the plate, they take a still more secure grip of the mat, rug, carpet, or the like than is the case with a flat  
5 plate.

The spiked plates may be made of any desired shape and size, and in the case of plates to be used on mosaic or tiled halls or pavings the perforations *c* may be dispensed with,  
10 the device being preferably made somewhat larger and heavier than would be necessary in the case where it could be attached to a flooring or other wood or like base.

What I claim as my invention, and desire  
15 to secure by Letters Patent, is—

1. As a new article of manufacture a carpet-

holding device of arched form provided with radial points projecting vertically upward and obliquely on both sides of the center substantially as set forth. 20

2. A carpet-holder in the form of a section of a cylinder provided with radial points, upwardly projecting at an angle to each other, a longitudinal eye and a strengthening-rod in said eye, the said rod running along the  
25 central line of the said device for the purpose set forth.

JOHN HERBERT JAMES.

Witnesses:

FRED C. HARRIS,

GEO. J. B. FRANKLIN.