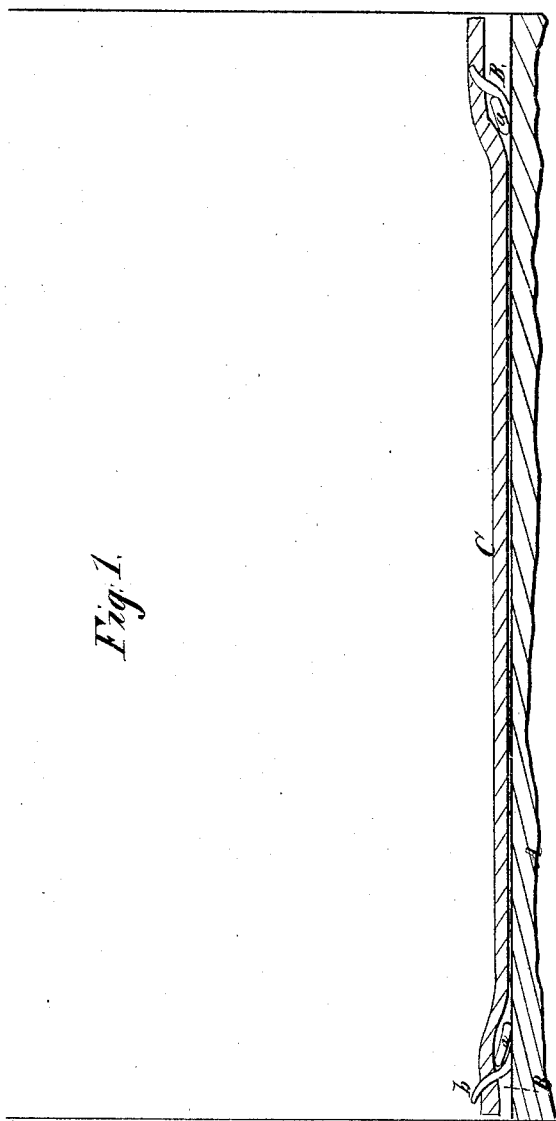
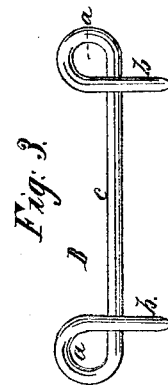
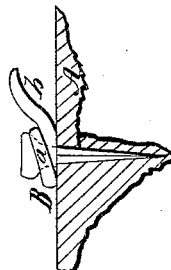


*Andrews & Burnham,*  
*Carpet Fastener.*  
*N<sup>o</sup> 49,600. Patented Aug. 29, 1865.*



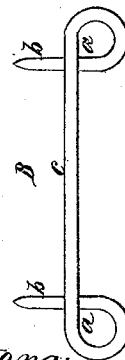
*Fig. 1.*

*Fig. 4.*



*Fig. 3.*

*Fig. 2.*



*Witnesses:*

*R. T. Campbell,*  
*E. Schaffer*

*Inventors:*

*George W. Andrews*  
*John D. Burnham*  
*by their Agent*  
*Mason, Fenwick & Lawrence*

# UNITED STATES PATENT OFFICE.

GEO. W. ANDREWS AND JOHN P. BURNHAM, OF CHICAGO, ILLINOIS.

## IMPROVED CARPET-FASTENING.

Specification forming part of Letters Patent No. 49,600, dated August 29, 1865.

*To all whom it may concern:*

Be it known that we, GEORGE W. ANDREWS and JOHN P. BURNHAM, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Carpet-Fastenings; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a cross-section of a floor with carpet fastened down upon it with the improved fastenings. Fig. 2 is a top view of one of the fastenings; Fig. 3, an under-side view of the same. Fig. 4 is an end view of the fastening as it appears when confined to the floor by the tacks.

The same letters of reference in the several figures indicate corresponding parts.

The nature of our invention consists in a carpet-fastening made from a single piece of metal by bending and coiling its ends so as to form eyes and sharp hooks in such manner that the tacks which fasten it to the floor may be passed down through the eyes and their heads bind down upon the metal forming the eyes, and also that the tension or strain of the carpet, which is hooked upon the fastenings and comes directly upon the hooks, shall be sustained in part by the metal which is intermediate or between the hooks, and thus prevent the hooks from giving way, as will be hereinafter described.

To enable others skilled in the art to make and use our invention, we will proceed to describe the same with reference to the drawings.

A in the accompanying drawings designates the floor of a house; B B, fastenings arranged near the two side edges or ends of the floor and tacked or screwed thereto.

C (shown by red color) is the carpet stretched upon the floor and hooked upon the fastenings.

It will be observed that the hooks of the fastenings point in opposite directions when tacked or screwed to the floor, after the manner illus-

trated in Fig. 1, and therefore, when the carpet has been hooked upon the fastenings on one edge of the floor and stretched over and hooked upon the fastenings on the other edge of the floor, any strain upon the intermediate portion of the carpet will tend to fasten it more firmly or securely on the hooks of the fastenings. To make each of these fastenings we take suitable-sized wire or metal rods and cut the same into pieces of about two inches (more or less) in length. Each of these pieces we sharpen at both ends by flattening and drawing the metal which had previously been beveled by the diagonal cut which severed it from the wire or rod from which it was taken. Any other practical mode of making the sharp points may be adopted. Each of these pointed ends of the piece of wire we bend round and under the intermediate portion and upward, as illustrated in Figs. 2, 3, and 4 of the drawings. Thus bending the ends of the piece forms two eyes, *a a*, and two pointed hooks, *b b*, which are braced and stayed by the intermediate portion, *c*, of the piece, as will be clearly seen from the drawings.

When the bends are made the fastening may be "set" with a die.

It may be found cheaper and more expeditious to make the fastenings entire by a machine devised for their manufacture.

The fastenings may be made from iron, copper, or brass wire, or any other metal, as the fancy of the manufacturer or the wants of the trade may require.

What we claim as our invention, and desire to secure by Letters Patent, is—

As a new article of manufacture, the carpet-fastening B, made by bending a single piece of wire, with eyes *a a*, hooks *b b*, and a bracing-stay, *c*, in the manner herein described.

GEO. W. ANDREWS.  
JOHN P. BURNHAM.

Witnesses:

P. W. SNOWHOOK,  
G. W. WHEELER.