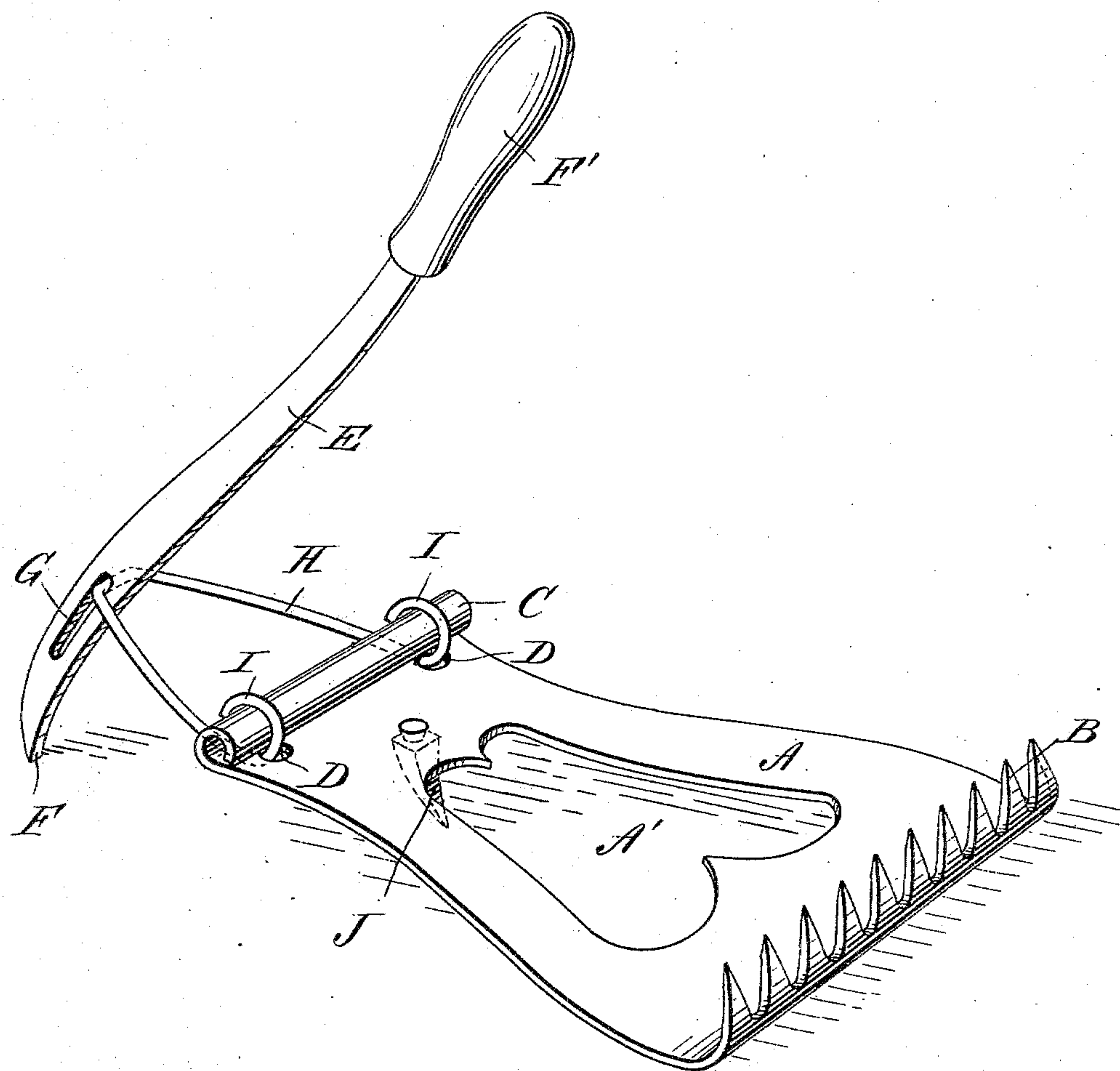


(No Model.)

C. A. COOPER.
CARPET STRETCHER.

No. 303,123.

Patented Aug. 5, 1884.



WITNESSES:

Donn Twitchell
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INVENTOR:

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UNITED STATES PATENT OFFICE.

CHARLES AUGUSTUS COOPER, OF CHICAGO, ILLINOIS, ASSIGNOR TO HIMSELF, AND H. F. THOMPSON, DULUTH, MINNESOTA.

CARPET-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 303,123, dated August 5, 1884.

Application filed April 17, 1884. (No model.)

To all whom it may concern:

Be it known that I, CHARLES AUGUSTUS COOPER, of Chicago, in the county of Cook and State of Illinois, have invented a new and Improved Carpet-Stretcher, of which the following is a full, clear, and exact description.

The object of my invention is to provide a simple and effective carpet-stretcher.

The invention consists in a metal plate or drag provided with teeth at one end, and having its other end connected by a loop with a slotted lever. A curved prong projects from the plate on the opposite side from the teeth, as will be hereinafter more fully set forth.

Reference is to be had to the accompanying drawing, forming part of this specification, in which the figure is a perspective view of my improved carpet-stretcher.

A indicates a plate or drag, made, preferably, of sheet metal, wider at one end than at the other, and cut out at its central portions, A', to secure lightness, and also for ornamental effect. The wider end of the plate is curved upwardly, as shown, and provided with teeth B, tapering to a point. The other or narrower end of the plate is curved or rolled to form a ridge, C, and adjoining the said ridge holes D are made in the plate. A lever, E, pointed at its lower end, F, provided with a handle, F', and having a slot, G, a short distance from its pointed end, is connected by a U-shaped wire loop, H, with the drag A, the bend of the loop passing through the slot G, and the ends of the loop passing through the holes D, and being bent over the ridge C to form eyes I, which hinge the loop to the plate. From the under or the opposite side of the drag A from the teeth B is a spur, J, which spur has its point curved slightly toward the wider end of the drag. This spur may be secured to the drag in any approved manner, or may be formed by cutting a V-shaped slit in the plate and bending the point thus formed downwardly. The drag A will be made of sheet-steel, struck up in one piece and bent to shape. The other parts also will be made of steel, and as light as possible consistent with the required strength, and when connected together for use will occupy but little space, whereby the stretcher

can be worked very close to the base or skirt board.

To use the stretcher, place the drag A on the floor beneath the edge of the carpet, with the teeth B upward, with the left hand press the carpet into the teeth, then, with the handle F' near the drag, catch the point F into the floor, and then, by raising up the end of the lever, the drag, and with it the edge of the carpet, will be drawn toward the wall. As the lever reaches the vertical position, the loop of the bail H will slip downward in the spur J, down to the floor. The spur can then be driven into the floor by a slight pressure of the hand, holding the drag and carpet while another hold is being taken with the point of the lever, or, if the carpet is sufficiently stretched, while a few stay-tacks are being driven to hold the carpet to place. To release the stretcher, pull up upon the handle, and the device releases itself from the carpet.

With this carpet-stretcher no injury is done to the carpet, as the teeth B enter the material of the carpet from the under side, thereby doing no injury to the face of the carpet, and the spur J does not pass through the carpet to hold the carpet stretched.

With this carpet-stretcher a carpet can be drawn up closely to the wall or base-board, as the point of the lever can be placed close to the wall, with the drag extending back under the carpet.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A carpet-stretcher consisting of a drag or plate provided with upwardly-projecting teeth upon one side, and with a downwardly-projecting spur upon the opposite side, and connected to a lever adapted to be caught into the floor by a loop or bail, substantially as shown and described.

2. The combination, with the drag A, having the teeth B at one end, and also having the spur J, of the slotted lever E and the loop H, the said loop being hinged to the drag, and having its bend passed through the slot of the lever, substantially as shown and described.

3. In a carpet-stretcher, the drag A, wider at one end than at the other, cut out at A',

curved upwardly at its wider end, and having the pointed teeth B upon said upturned end, its narrower end being rolled to form the ridge C, and being provided with the holes D, 5 and the said drag being also provided with a downwardly and forwardly projecting spur, J, substantially as shown and described.

4. The combination, with the lever E, slot-

ted at G, and the drag A, having teeth B, a spur, J, and the ridge C, of the loop or bail 10 H, having the eyes I, substantially as shown and described.

CHARLES AUGUSTUS COOPER.

Witnesses:

CHARLES JOHN COOPER,

BERNARDT GOTTSCHALK.