

(No Model.)

J. T. LEMON.
CARPET STRETCHING DEVICE.

No. 477,809.

Patented June 28, 1892.

Fig. 1

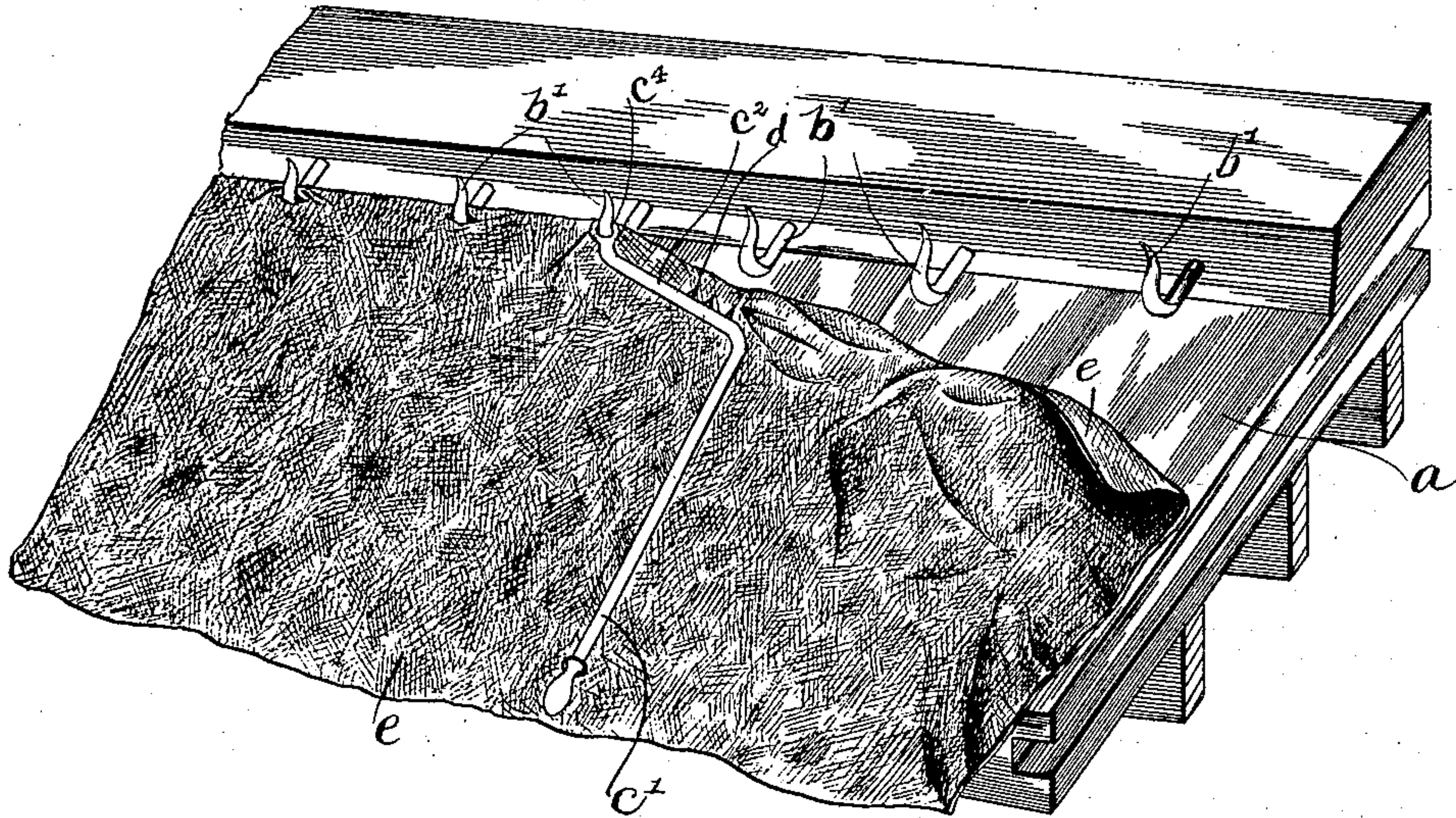
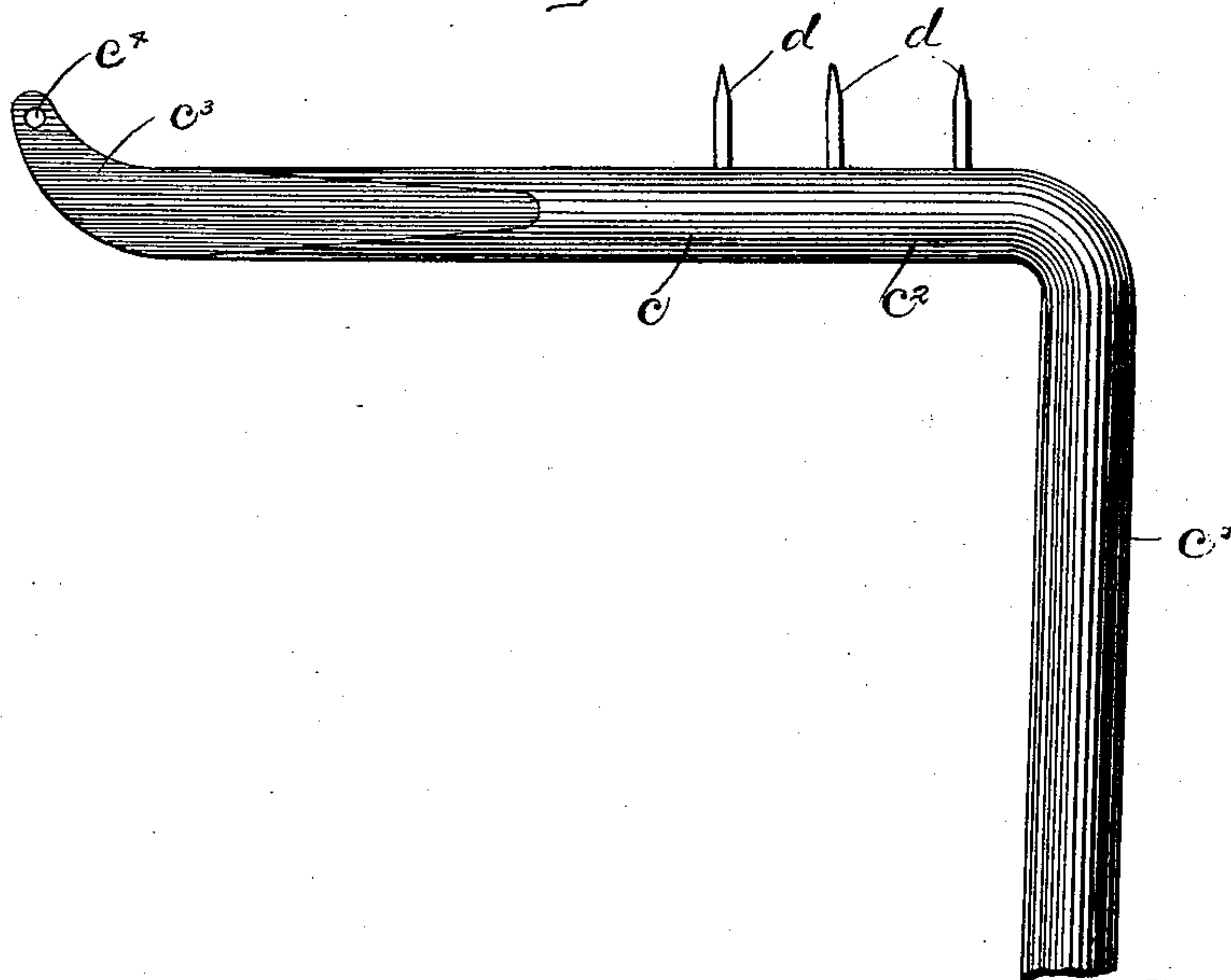


Fig. 2



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN T. LEMON, OF COLUMBUS, OHIO.

CARPET-STRETCHING DEVICE.

SPECIFICATION forming part of Letters Patent No. 477,809, dated June 28, 1892.

Application filed May 25, 1891. Serial No. 393,942. (No model.)

To all whom it may concern:

Be it known that I, JOHN T. LEMON, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented a certain new and useful Improvement in Carpet-Stretching Devices, of which the following is a specification.

My invention relates to carpet-stretchers of that class adapted to be used in connection with a carpet-fastening device wherein the edges of the carpet are engaged with hooks projecting from a floor-cleat.

The objects of my invention are to provide a simple and inexpensive form of carpet-stretching device for use in connection with the above-mentioned class of carpet-attaching devices and to so construct and arrange said stretching device as to admit of the carpet being tightly stretched thereby and hooked over the cleat catch-hook in a rapid and effective manner. These objects I accomplish in the manner illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a portion of a flooring, showing a section of carpet connected with the attaching-hooks and showing my improved stretching device in position for use; and Fig. 2 is an enlarged detail view of a portion of my improved stretcher.

Similar letters refer to similar parts throughout the several views.

a represents the flooring of a room, and *b* represents an attaching-cleat, which is secured upon said flooring in line with and adjoining the base-board or side wall of a room. From this cleat *b* project outwardly upturned hooks *b'*, with which the edges of the carpet are designed to engage, as shown, said hooks being employed as a substitute for tacks or other ordinary means of securing the carpet to the flooring.

c represents my improved carpet-stretcher, which is in the form of an angular lever, as shown, the handle portion *c'* of said lever being approximately at right angles with its shorter stretching-arm *c²*. The portion *c²* of said stretching-lever has its end portion turned slightly outward and flattened, as shown at *c³*. This outturned end portion *c³* is pierced or provided with an eye *c⁴*. The arm *c²* of the stretching-lever has projecting outwardly

therefrom at right angles therewith two or more separated teeth or spurs *d²*, said spurs being arranged at points near the vertex of the angle formed by the junction of the arms *c' c²*.

One or more of the edges of the carpet having been engaged with the hooks of one of the side cleats *b* and it being desired to engage the remaining edges with the remaining side-cleat hooks and at the same time stretch the carpet between the hook portions thereof, my invention is utilized as follows: The eye *c⁴* of the lever is made to engage with the desired one of the hooks on either side of the hooks to be engaged with the carpet. The outer end or handle portion of the arm *c'* of the lever is then sufficiently elevated to cause an engagement of the teeth *d* with the carpet *e*. The portion of the carpet thus engaged is by turning the stretching-lever toward the next unused hook *b'* forced to such position as to admit of the lever and the carpet which is engaged thereby being sufficiently raised to press the carpet down over the new hook. The lever being pivoted or fulcrumed upon one of the hooks and being turned thereon as described, it is obvious that the arc traversed by said lever will result in stretching the carpet both in the direction of the cleat and toward the latter. The teeth *d* are so arranged that when the lever is driven to a position adjoining the hook to be engaged said hook will find a bearing between the teeth. It is obvious that the stretching-arm might be of such length as to be made to engage with other hooks of the series than that next the new hook to be engaged and that said stretching-lever might be provided with more than one pivot-arm to admit of a pivotal engagement with more than one of said hooks at a time.

It will be observed that the construction of my device is exceedingly simple and inexpensive and its operation will be simple and effective.

Owing to the form of my device it will be observed that when desired the stretching-lever may be so turned as to admit of a pressure either to the right or left. This reversible feature of my device is of great utility in stretching the carpet to engage with the first hook of one side of a room, in which case

the eye of the lever is pivoted on one of the disengaged hooks of the new side of the room.

Having now fully described my invention, what I desire to secure by Letters Patent is—

5 A carpet-stretching device consisting of a lever *c*, having two integrally-formed arms which are substantially at right angles with each other, a series of teeth projecting from

one of said arms, and an eye formed in the outer end of said toothed arm, substantially as and for the purpose specified.

JOHN T. LEMON.

In presence of—

F. F. HOFFMAN,
E. E. BRAGG.