

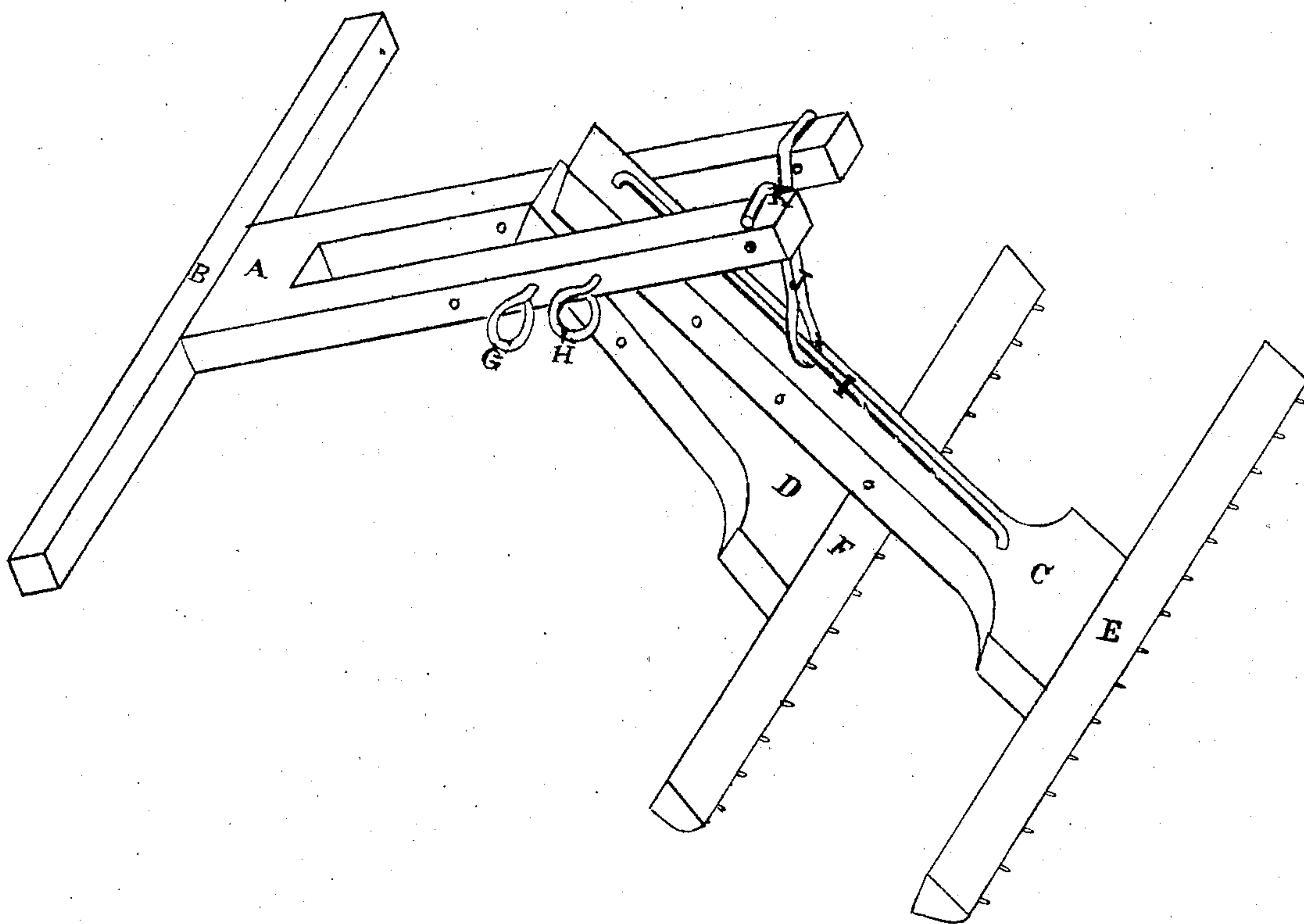
CHAS S, McROBERT'S

CARPET-STRETCHER

PATENTED

FEB 4 1868

73986



WITNESSES

H. J. Hammond
E. C. Cary

INVENTOR

Chas S. McRobert
Per Attorney
J. S. Maguire

United States Patent Office.

CHARLES S. McROBERT, OF PLYMOUTH, MICHIGAN.

Letters Patent No. 73,986, dated February 4, 1868.

IMPROVED CARPET-STRETCHER.

The Schedule referred to in these Letters Patent and making part of the same.

Know all men that I, CHARLES S. McROBERT, of Plymouth, in the county of Wayne, and State of Michigan, have invented a new and useful Improvement in Carpet Stretchers; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, and being a part of this specification.

The object of this invention is to so construct an apparatus for stretching carpets that it can be used for that purpose in large or small rooms, with adjustable levers, and one that will operate in such a manner that the strain is distributed at two points in the carpet, instead of being confined to one point, as in the case of the ordinary stretchers in use.

To do this I make a crotched lever, A, of any required length, across one end of which I attach the transverse bar B. I also make the levers C and D, also provided with transverse bars E and F. These bars E and F are provided with points or teeth upon their under sides, as shown in the drawings. The levers C and D, which are of unequal lengths, are constructed to play in the crotch of the lever A, and are attached thereto by the pins G and H, and the entire apparatus can be lengthened or shortened to suit various sizes of rooms, by moving the holding-pins G and H, and attaching the levers C and D to any point in the crotch of the lever A, taking care that the lever D (the short one) is attached beneath the longer lever, C. The longer lever, C, is provided with a rack, I, and a sliding hooked pawl, J, by means of which, slipping the hooked ends of the pawl J over the end of the lever A, all the parts are held in place while the operator nails or fastens the section of carpet stretched to the floor.

To use my invention, after adjusting the various levers to the size of the room where the carpet is to be laid down, place the transverse bar B against the wall of the room upon the side where the carpet is already fastened; then let the end of the lever C drop on to the edge of the carpet, on the opposite side of the room, when the lever D will also strike the carpet nearer the centre of the room; then press upon the end of the crotched lever A, at the point K, when the points in the transverse bars E and F will draw upon and stretch the carpet as desired. To hold it there until it can be fastened, slip the pawl J up the rack, and hook the ends of it over the ends of the crotched lever A at the point K. In smaller rooms, where so much power is not required, the lever D may be detached, and the use of the lever C will do the work.

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

1. The rack I and hooked sliding pawl J, in connection with levers C and A, when constructed and operating substantially as and for the purposes set forth.
2. The combination of the above-named parts with the crotched lever A, provided with the transverse bar B, the levers C and D, provided with transverse bars E and F, and teeth, as hereinbefore described, and the adjusting-pins G and H, when arranged substantially as and for the purposes herein described.

CHARLES S. McROBERT.

Witnesses:

J. P. DONALDSON,
G. R. BEDFORD.