

J. M. EBY.
CARPET STRETCHER.

APPLICATION FILED MAR. 27, 1908.

Patented Oct. 13, 1908.

2 SHEETS—SHEET 1.

901,231.

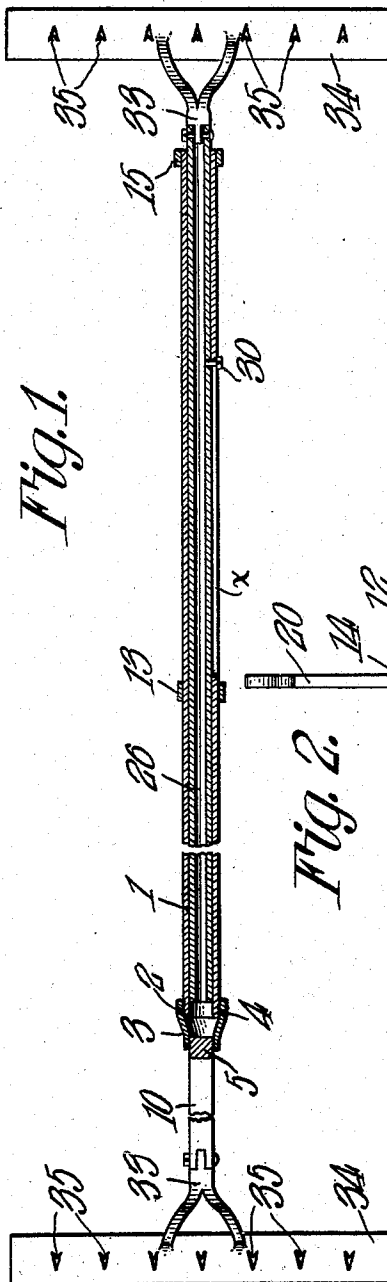


Fig. 1.

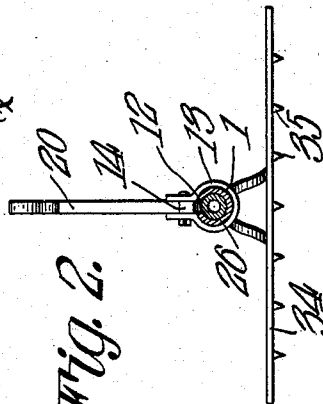


Fig. 2.

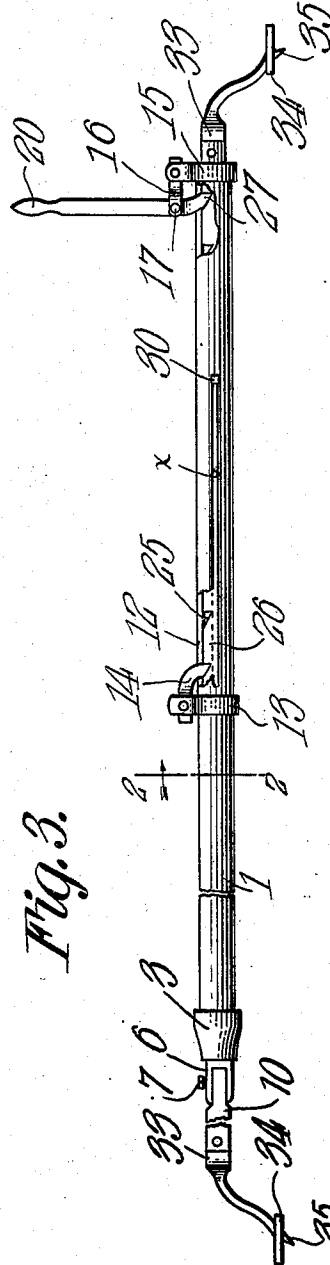


Fig. 3.

Witnesses
Mrs. W. Lues.
Charles Richardson.

Inventor
Jechonias M. Eby.
By *[Signature]* Attorney

901,231.

J. M. EBY.
CARPET STRETCHER.
APPLICATION FILED MAR. 27, 1908.

Patented Oct. 13, 1908.
2 SHEETS—SHEET 2.

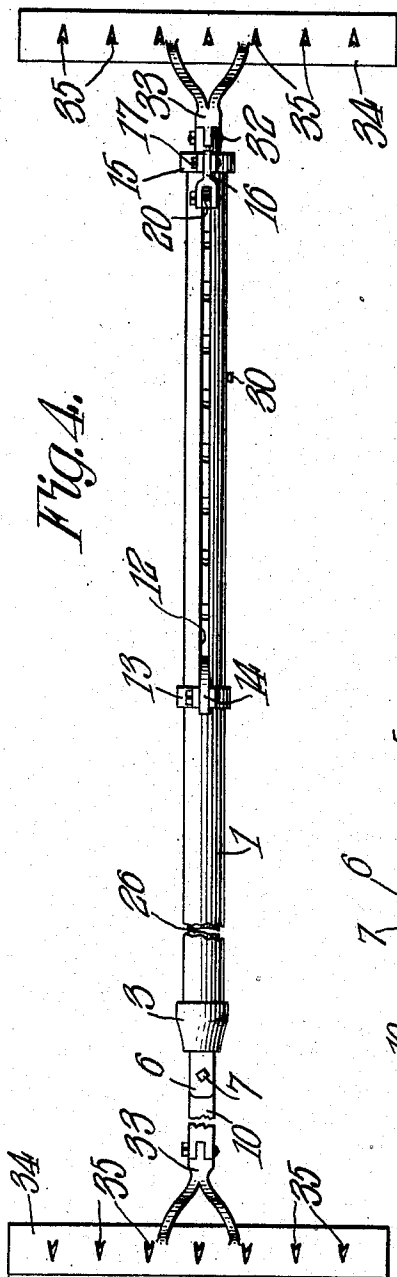


Fig. 4.

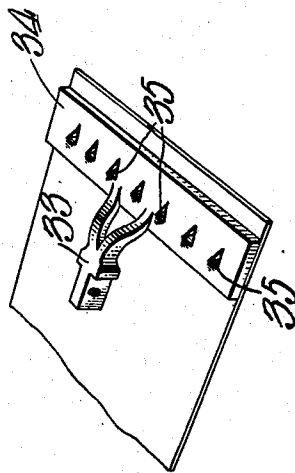


Fig. 6.

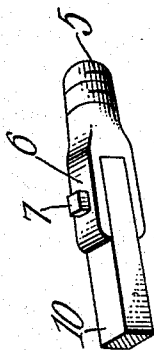


Fig. 5.

Witnesses

Geo. H. Jones.
Chas. C. Richardson.

Inventor

Jechonias M. Eby.

By

[Signature]

Attorney

UNITED STATES PATENT OFFICE.

JECHONIAS M. EBY, OF WILLISTON, NORTH DAKOTA.

CARPET-STRETCHER.

No. 901,231.

Specification of Letters Patent.

Patented Oct. 13, 1908.

Application filed March 27, 1908. Serial No. 423,742.

To all whom it may concern:

Be it known that I, JECHONIAS M. EBY, a citizen of the United States, residing at Williston, in the county of Williams, State of North Dakota, have invented certain new and useful Improvements in Carpet-Stretchers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to certain new and useful improvements in carpet stretchers.

The object of my invention is, to provide a stretcher by means of which the carpet may be stretched and held while being secured.

In the accompanying drawings I have shown in Figure 1 a top view of a carpet stretcher embodying my invention, disclosing the same partly in section. Fig. 2 is a view on line 2—2, of Fig. 3. Fig. 3 shows a side view with portions broken away. Fig. 4 is a top view. Fig. 5 is a detail of the coupling as used in my invention, and Fig. 6 is a perspective view of the stretcher head.

In carrying out the object of my invention, I employ a tube 1, which is threaded exteriorly at one end as shown at 2 and provided with the collar 3 having the interior thread 4 into which is adapted to screw the end 5 of the coupling 6. This coupling 6 as shown in Fig. 5 is provided with a set screw 7 so that a suitable board or pole 10 may be clamped within this member 6.

The tube 1 is slotted at one end as is shown at 12 and secured midlength to this tube is the collar 13 pivotally supporting the dog 14 which extends through the slot 12 of the tube 1. Secured to the end of the tube 1 is the clamp collar 15 to the ends of which is secured the perforated link 16 supporting the pin 17, this pin pivotally carrying the operating lever 20.

Slidably held within the main tube 1 is the inner rack tube 26 having the rack 25, this rack being engaged by the dog 14 as well as by the curved nosing 27 of the operating lever 20. These instrumentalities are so arranged that the dog and lever ends are normally in engagement with the rack 25.

The outer tube 1 has a second slot X, near

the first mentioned slot 12 intermediate of its ends while the inner tube is provided with a set screw 30 projecting through the intermediate slot X so that the inner tube is slidably connected to the outer tube.

The inner tube is slotted at one end as is shown at 32 to receive the curved arm 33 supporting the head 34 provided with the pins 35 which are adapted to be carried through the carpet in securing the stretcher in the operation of laying and stretching the carpet. The end of the bar or member 10 is also arranged to receive a stretcher head 34, similar to the one described, as shown in the drawings. This construction method permits a bar 10 being inserted, of a proper length, so that the carpet can be simultaneously stretched at opposite edges. In operating the device, after the stretcher heads have been properly engaged with the carpet, the lever 20, is rocked to advance the two heads in opposite directions. In actuating the lever 20, the pawl end 27 will engage the rack 25 to force the telescoping tubes 1 and 26 in opposite directions.

What I claim as new and desire to secure by U. S. Letters Patent is—

A carpet stretcher having in combination an outer tube slotted at one end and exteriorly threaded at the other end, an interiorly threaded collar screwed to the threaded end of said tube, a clamp collar secured to the slotted end of said tube, a coupling in said threaded collar, a stretcher head having curved arms secured to said coupling, a link pivotally carried by said clamp collar, an operating lever secured to said link having a curved nosing extending into said slot, a rack tube telescoping into said outer tube, said outer tube having a second slot intermediate of its ends, a pin carried by said rack tube projecting through said intermediate slot, a stretcher head having curved arms secured to said rack tube, a collar secured midlength to said outer tube, and a dog secured to said collar engaging said rack tube, all arranged as set forth.

In testimony whereof, I affix my signature, in presence of two witnesses.

JECHONIAS M. EBY.

Witnesses:

H. H. GOODRICH.

BESSIE LIEN.