

(No Model.)

M. B. SNEDEN.
CARPET STRETCHER.

No. 407,377.

Patented July 23, 1889.

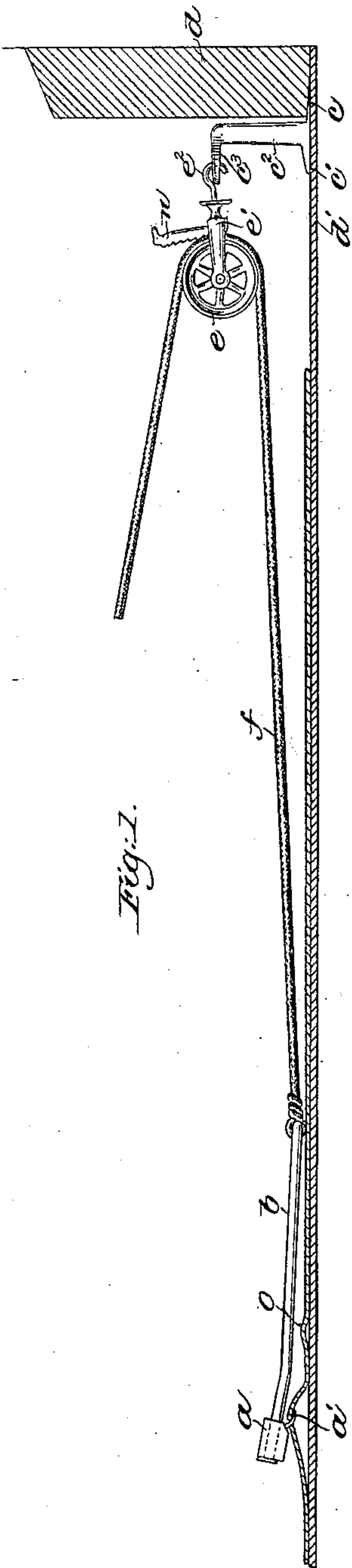


Fig. 1.

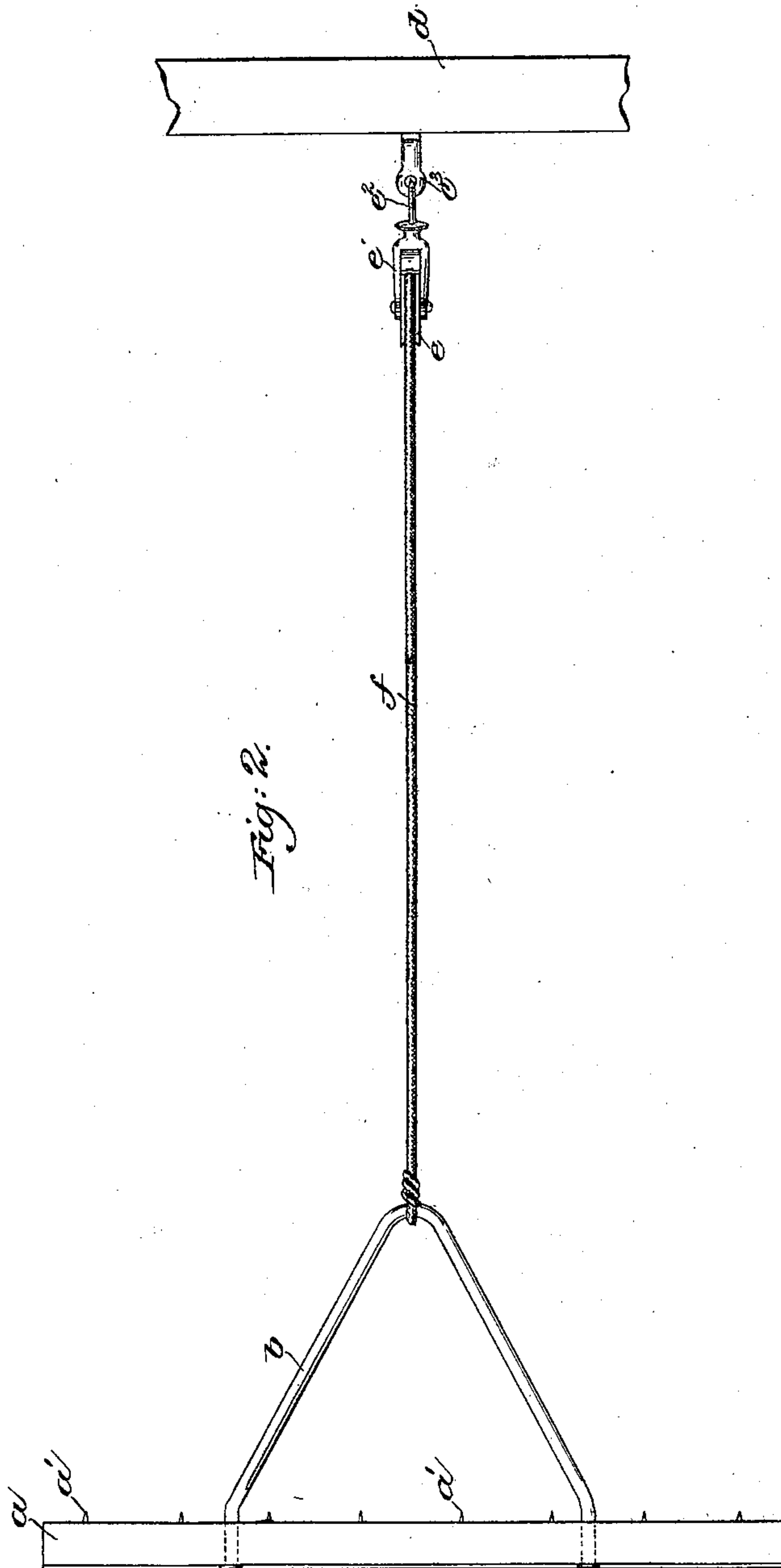


Fig. 2.

Witnesses.

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UNITED STATES PATENT OFFICE.

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CARPET-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 407,377, dated July 23, 1889.

Application filed February 26, 1889. Serial No. 301,243. (No model.)

To all whom it may concern:

Be it known that I, MOSES B. SNEDEN, of Binghamton, county of Broome, State of New York, have invented an Improvement in Carpet-Stretchers, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention has for its object to construct a strong and durable carpet-stretcher, which may be conveniently operated and be folded or arranged in very compact form for shipment.

In accordance with this invention the carpet-engaging device or head, consisting of a bar or rod having several inclined spurs or teeth, and having a loop or bail, has connected to it a flexible cord or chain, which is passed about a pulley connected to a bracket adapted to rest on the floor, and having a wedge or toe which may be forced beneath the base-board, the sole object of the bracket being to provide a fixed support to resist the strain which may be brought upon the cord or chain passing over the pulley supported by the said bracket as the carpet-engaging device is being drawn toward the base-board or wall of the room, the said pulley having co-operating with it a locking device to engage and hold the said flexible cord or chain in the place in which it may be left after pulling upon the same to stretch the carpet, thus preventing any slipping back or slackening of the said cord or chain and of the carpet.

Figure 1 in side elevation shows a carpet-stretcher embodying this invention, the same being applied to a carpet on a floor, the carpet, the floor, and base-board being shown in section; and Fig. 2 shows a plan view of the carpet-stretcher shown in Fig. 1, the floor and carpet being omitted.

The rod or bar *a*, of wood or other suitable material, is provided with several inclined spurs *a'* at or near its lower edge to engage the carpet *o*. A metallic rod, bent to present a rigid loop or bail *b*, is secured to the rod or bar *a*, its ends passing through holes in said rod or bar, near the ends thereof, and upset or provided with nuts. The rod or bar *a*, its spurs *a'*, and the loop or bail *b*, herein shown as rigidly connected to the rod or bar

a, constitute the carpet-engaging device. The bracket or support employed consists of a base *c*, having a spur *c'*, and an upright *c²*, adapted to contain a pulley-frame *e'*, the bracket herein shown having a loop or eye *c³*. This bracket or support is represented as placed on the floor *d'*, near the base-board *d*, and with the wedge-shaped base or toe *c* forced beneath the said base-board. The yoke *e'*, in which the pulley *e* is journaled, is shown as having a hook or eye *e²* to co-operate with or engage the bracket or support. The flexible cord or chain *f*, attached to the loop or bail *b*, is passed around or over the pulley *e*, so that by drawing upon the free or outer end of the flexible cord or chain the carpet-engaging device may be drawn toward the wall or base-board *d* and stretched on the floor, the carpet during such operation being tacked or fastened along one edge.

In Fig. 1 I have shown a portion of a carpet *o* as engaged by the carpet-engaging device, the flexible cord or chain *f* being supposed to be under strain as when in use.

The pulley-frame has a locking device or wedge *n*, shown as having a serrated face which contacts with the rope or chain to lock the same after the operator, standing between the carpet-engaging device and the base-board, has stretched the carpet on the floor in position to be nailed, the said locking device engaging the said cord and preventing it from slipping back over the pulley, and preventing slackening of both the cord and carpet, which would happen were the cord released.

The loop or bail, being rigid, bears on the floor at some distance from the bar *a*, and prevents the same from tipping over and the teeth *a'* from leaving the carpet *o*.

It will be seen that the apparatus herein described is strong, durable, convenient, and economical, and may be packed in a very small space for shipment.

I claim—

The carpet-stretcher herein described, consisting of the carpet-engaging device, constructed substantially as described and having a rigid loop or bail, the flexible cord or chain attached thereto, the bracket or support having the wedge-shaped base to be forced beneath a base-board, the pulley jour-

naled in the frame *e'*, supported by said bracket, and over which the flexible cord passes, and the locking device consisting of the wedge *n*, having a serrated face and inserted between the pulley-frame and pulley, its serrated face contacting with the cord to prevent any backward movement of the cord or carpet, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

MOSES B. SNEDEN.

Witnesses:

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