

(No Model.)

G. M. ROBISON.
CARPET STRETCHER.

No. 328,343.

Patented Oct. 13, 1885.

Fig. 1.

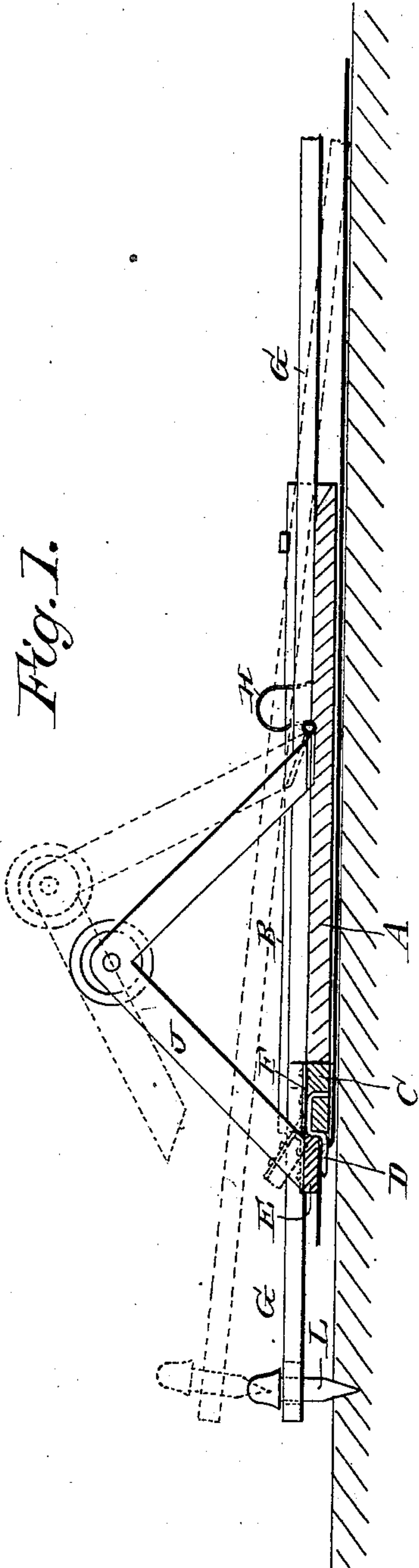
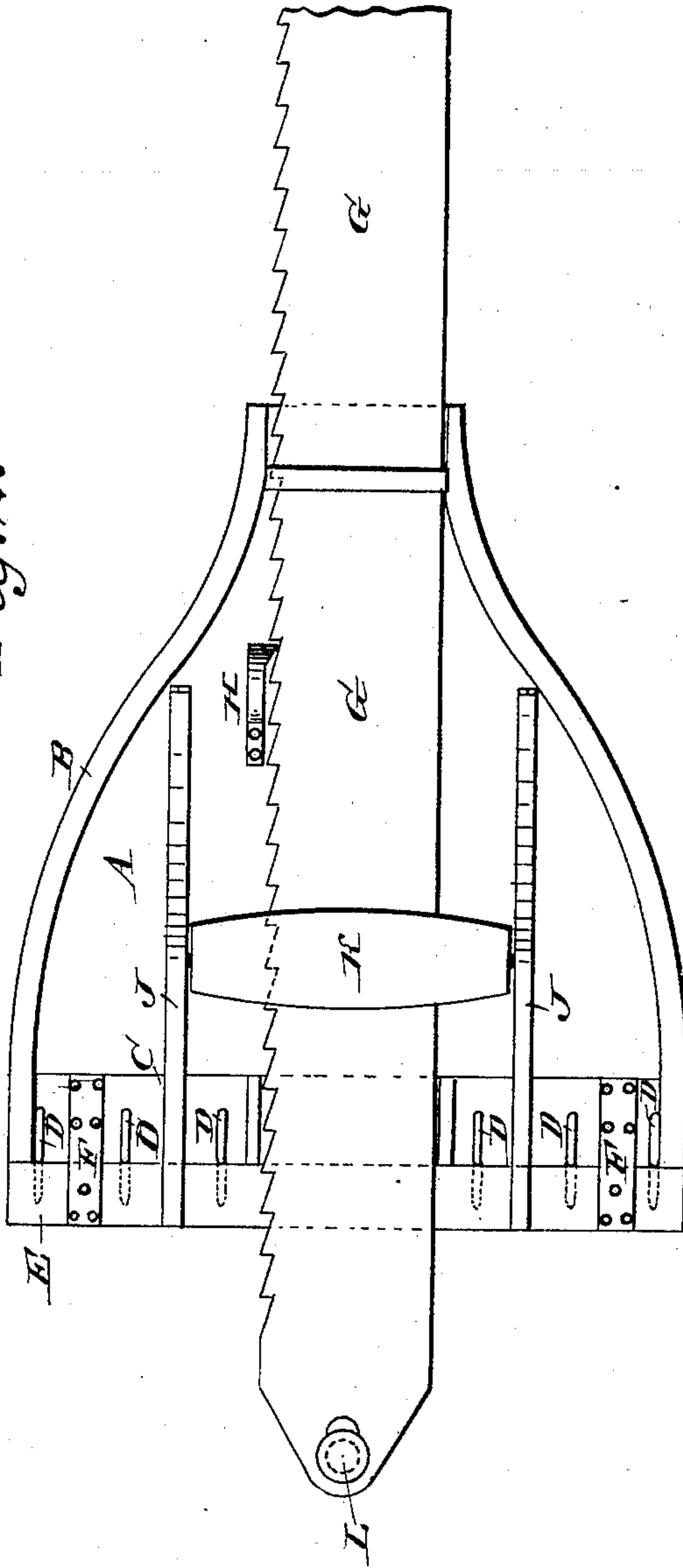


Fig. 2.



WITNESSES:

Wm. Beyer
C. Sedgwick

INVENTOR:

G. M. Robison
BY *Munn & Co*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

GEORGE M. ROBISON, OF LEADVILLE, COLORADO.

CARPET-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 328,343, dated October 13, 1885.

Application filed October 14, 1884. Serial No. 145,458. (No model.)

To all whom it may concern:

Be it known that I, GEORGE M. ROBISON, of Leadville, in the county of Lake and State of Colorado, 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 new and improved device to facilitate the stretching of carpets and for holding the carpet when stretched.

The invention consists of the combination of parts and their construction, substantially as hereinafter fully set forth and claimed.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a longitudinal sectional elevation of my improved carpet-stretcher. Fig. 2 is a plan view of the same.

A plate, A, is provided with an upwardly-projecting ridge, B, along the edge, and on a cross-piece, C, at the wider end of the plate, a series of teeth, D, are secured, which project from it and are bent down or otherwise so arranged that they will be but a very short distance above the bottom edge of the piece C.

A strip, E, in front of the piece C is hinged to the same by spring-hinges F, which throw the strip upward. When the strip E is pressed down, it is directly above the teeth D and in front of the piece C.

A flat bar, G, resting on the plate A and adapted to slide on the same in the direction of its length, is provided with rack-teeth in one side edge, with which teeth a pawl-spring, H, secured on the plate A, engages.

Two upright inverted-V pieces, J, are hinged to the plate A at their rear ends, and have their front ends resting on the strip E, the said pieces J being united by a handle, K. A pin, L, projects down from one end of the bar G.

The operation is as follows: The plate A is placed upon the carpet to be stretched and the

pins or teeth D forced into the carpet. The pin L on the bar G is forced into the floor and the pieces J pressed by means of the handle K upon the strip E. The plate A is then pushed toward the pin L, whereby the carpet is stretched. The plate A is locked in place on the bar G by means of the spring or pawl H, and thus the carpet is held stretched, so as to permit tacking it. The plate A is then unlocked from the bar G by disengaging the spring H from the teeth of the rack-bar G and the plate A is pulled back to get a fresh grip, and so on.

When the strip E is pressed on the teeth D, they cannot rip the carpet.

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

1. In a carpet-stretcher, the combination, with the plate A, having teeth D, of the swinging strip E above the teeth, the V-shaped pieces J, pivoted on the plate A and resting on the strip E, and the handle K, uniting the pieces J, substantially as herein shown and described.

2. In a carpet-stretcher, the combination, with the plate A, having teeth D, of the swinging strip E, the spring-hinges F, the V-shaped pieces J, pivoted on the plate A and resting on the strip E, and the handle K, uniting the pieces J, substantially as herein shown and described.

3. In a carpet-stretcher, the combination, with a plate having teeth on its front edge, of a swinging piece above the teeth, a rack-bar resting on the plate and provided with a pin on one end, a pawl-spring on the plate, and a handle-piece for moving the plate and pressing the swinging piece upon the teeth, substantially as herein shown and described.

GEORGE M. ROBISON.

Witnesses:

CHAS. P. SCHUMACHER,
ROBERT J. GRAHAM.