

No. 861,067.

PATENTED JULY 23, 1907.

W. B. WAUGH.
STAIR CARPET SECURER.

APPLICATION FILED FEB. 21, 1907.

2 SHEETS—SHEET 1.

Fig. 1.

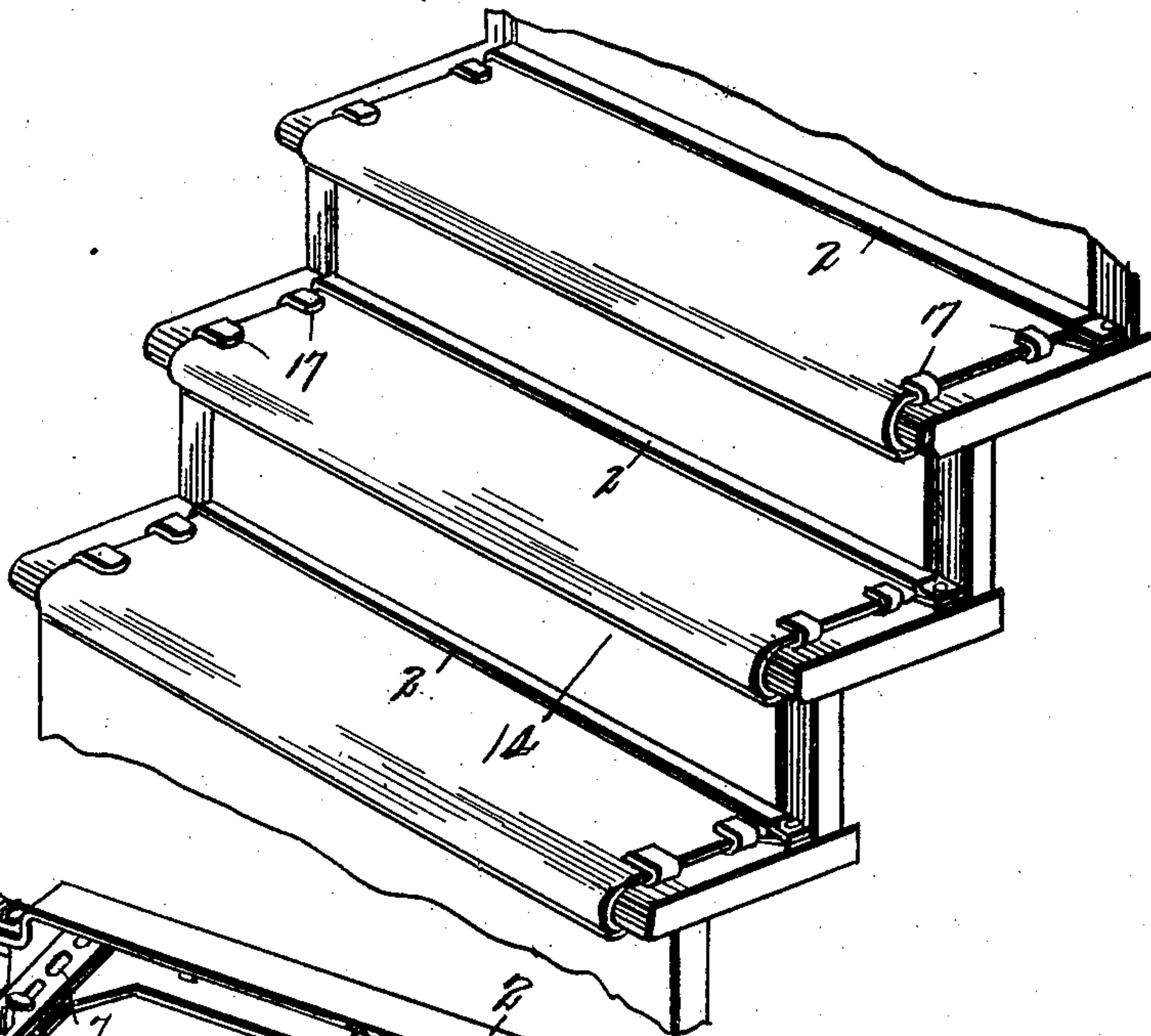
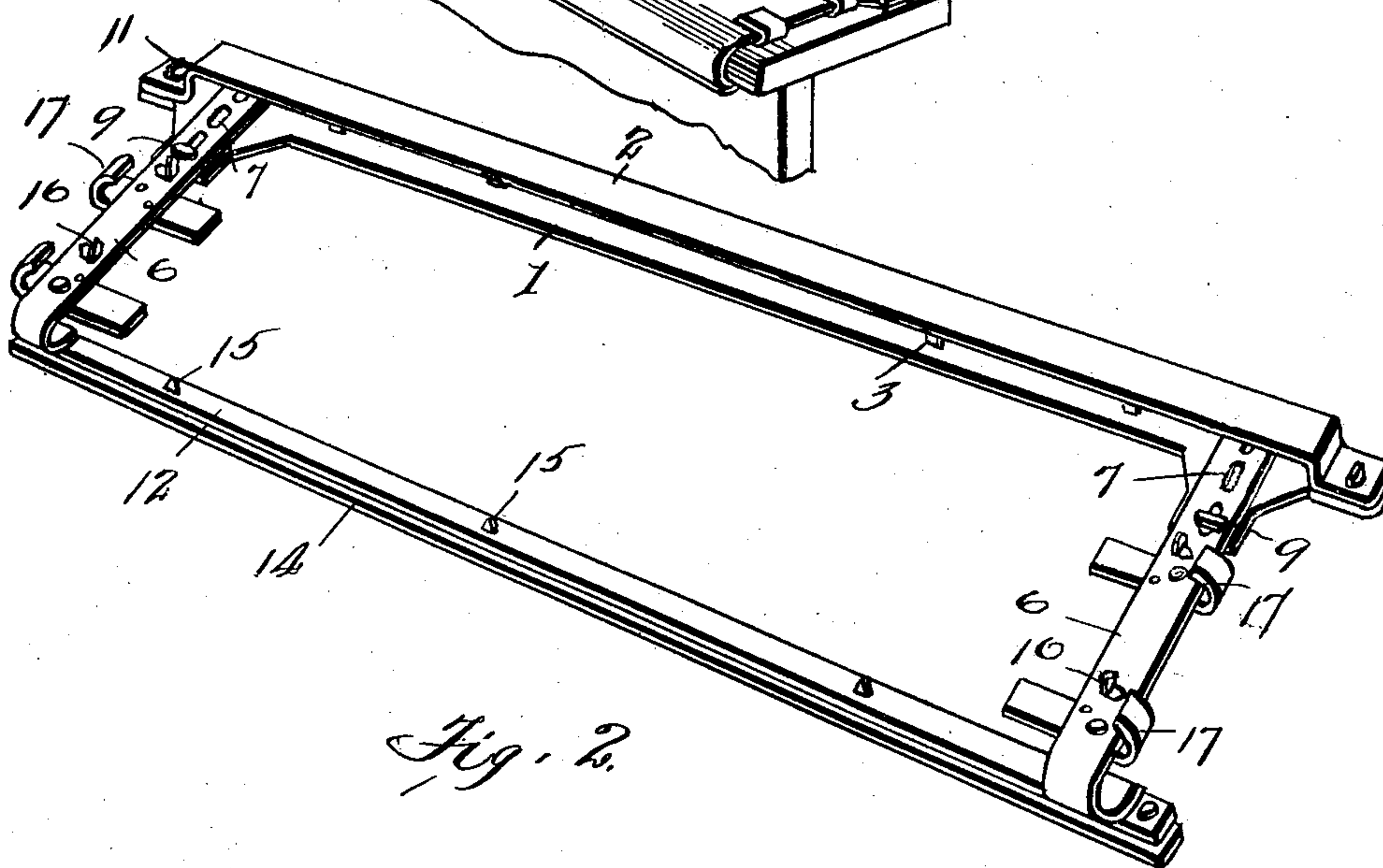


Fig. 2.



Witnesses,

Chas. H. Davis.

M. E. Moore

W. B. Vaughn

Inventor

by *John V. Moore*

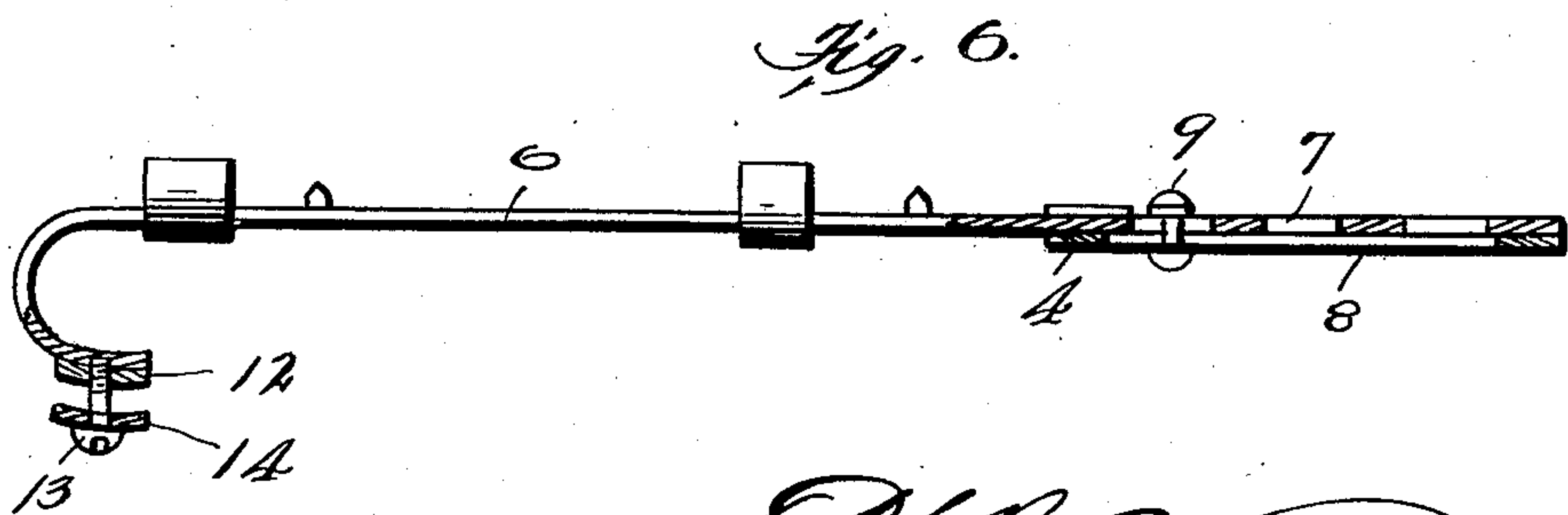
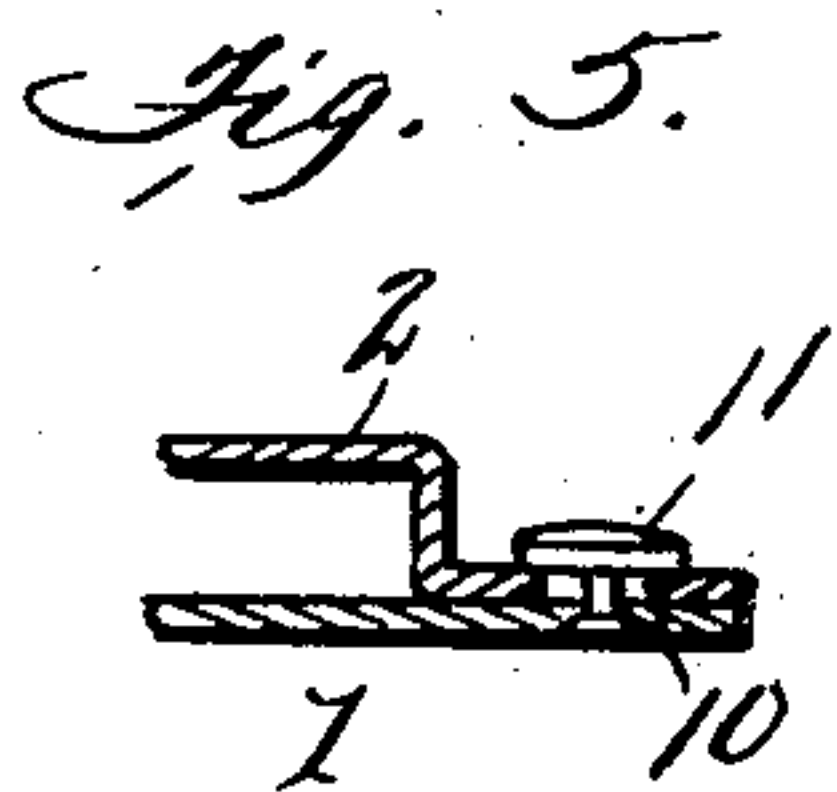
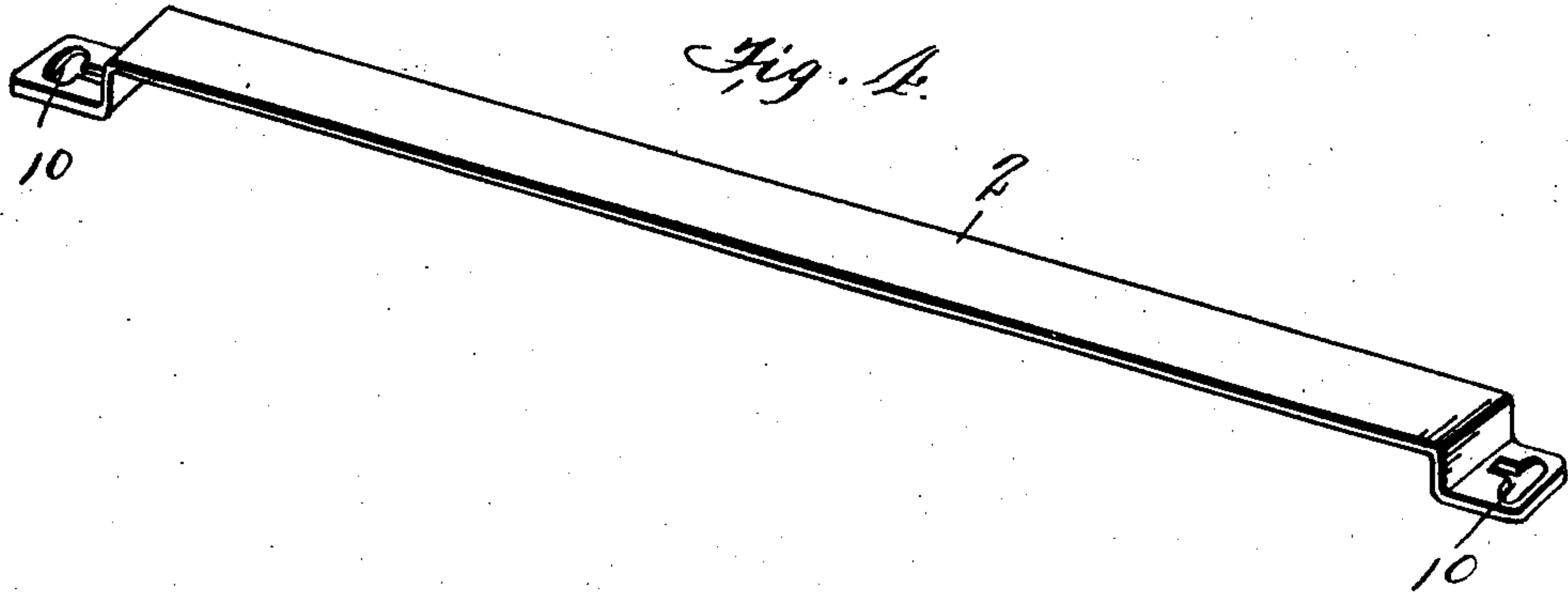
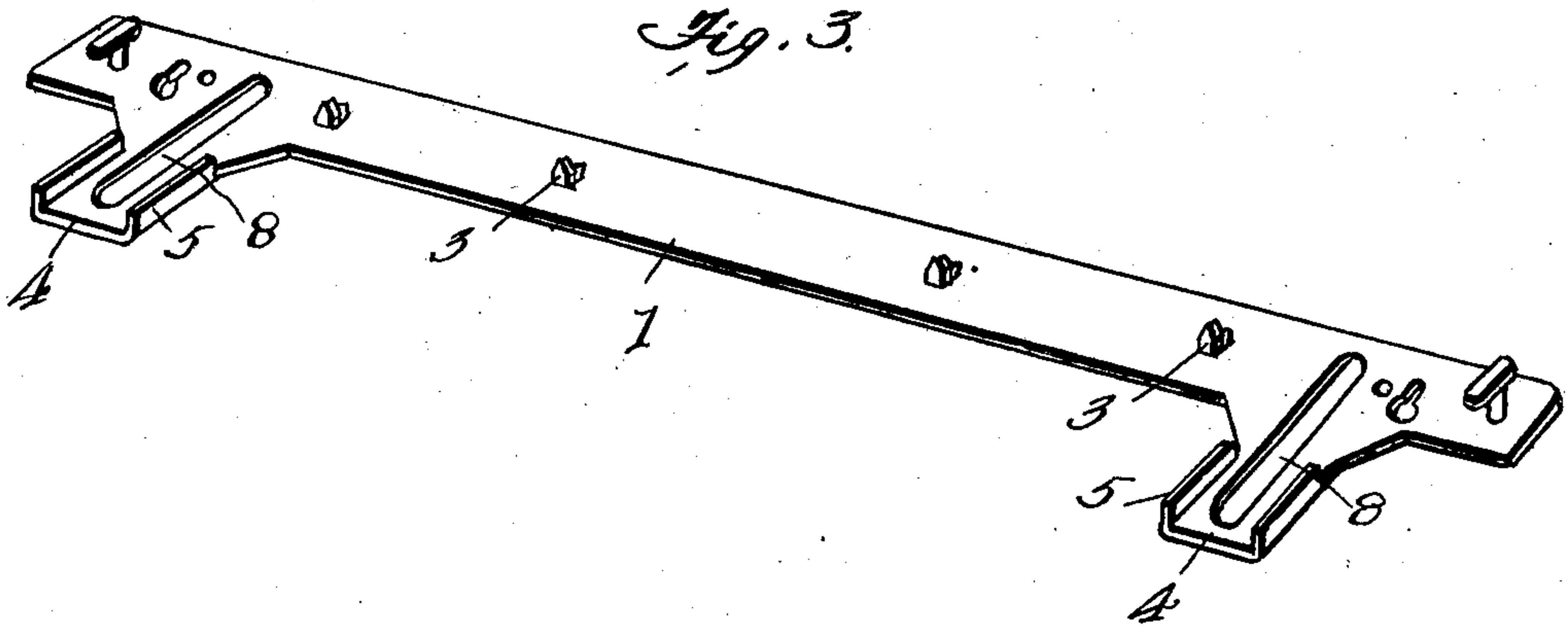
Attorney.

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2 SHEETS—SHEET 2.



Witnesses.

Chas. A. Davies.

M. E. Moore.

W. B. Waugh.

Inventor.

by *M. E. Moore.*

Atty.

UNITED STATES PATENT OFFICE.

WILLIAM B. WAUGH, OF AKRON, OHIO.

STAIR-CARPET SECURER.

No. 861,067.

Specification of Letters Patent.

Patented July 23, 1907.

Application filed February 21, 1907. Serial No. 358,582.

To all whom it may concern:

Be it known that I, WILLIAM B. WAUGH, a citizen of the United States, residing at Akron, in the county of Summit and State of Ohio, have invented certain new and useful Improvements in Stair-Carpet Securers, of which the following is a specification.

My invention relates to improvements in stair carpet securers, and has for its object to provide an adjustable clamping device which will securely hold the carpet and also the carpet pad if such are used, upon the stairway and prevent sagging or displacement of the carpet.

Another object of my invention, is the provision of a stair carpet holder which may readily be applied to the carpet and secured in position upon the steps, which will present a neat appearance and which will always hold the carpet in the proper position.

With these and other objects in view, my invention consists of a frame adapted to be adjusted to steps of various widths, clamping bars being carried by the frame to engage and hold the carpet at the inner edge of the step, and another clamping bar carried by the outer edge of the frame to secure the carpet at the outer edge of the step also.

The invention further consists in stair carpet retaining means embodying certain other novel features of construction, combination and arrangement of parts substantially as disclosed herein and as illustrated in the accompanying drawings, in which:

Figure 1, is a perspective view of a portion of a stairway equipped with my improved carpet holder or retainer. Fig. 2, is an enlarged perspective view of the clamping frame detached. Fig. 3, is a similar view of the back plate or body portion of the device. Fig. 4, is a similar view of the spring clamping bar adapted to be applied thereto. Fig. 5, is a sectional view to show the manner in which the ends of the clamping bar are secured to the back plate. Fig. 6, is an end view of the frame partly in elevation and partly in section to show the assemblage of the different parts.

The invention consists of a series of frames adapted to be applied to each stair step to secure the carpet thereto, each frame consisting of the back plate or body portion of the frame, 1, to which is applied the clamping strip or bar 2. The back plate is provided with up-struck barbs 3 along the upper face thereof to engage the carpet which is passed over the same, and near the ends, is provided with the lateral extensions 4, having up-turned flanges 5, to provide a guide-way for the reception of the ends of the end strips or members to the frame 6. These end strips are formed with a number of longitudinal openings 7, near the ends thereof, which are in alinement with corresponding slots 8, in the lateral extensions of the back plate, fastening bolts or rivets 9, being passed through the alined openings in the back plate and end members to secure the end

members in any adjusted position according to the width of the step. The body portion of the clamping bar 2, is offset from the ends thereof so as to allow the passage of the carpet between said bar and the back plate, and the ends of the bar are formed with the irregular openings 10, through which are adapted to pass the heads of the studs 11, on the ends of the back plate, the opening being of such shape as to allow the passage of the studs when the bar is being sprung in place and to securely hold the bar to the back plate.

The connecting strips or end members 6, are curved at their outer ends so as to overhang the outer overhanging edge of the step, and affixed to the lower portion of the curved ends, is a longitudinal bar 12, to which is adjustably secured by means of the screws 13, the clamping bar 14, the two bars forming a clamp to hold the carpet at the outer edge of the step. One of the clamping bars is provided with suitable barbs 15, adapted to grip the carpet. The end connecting members are also provided with barbs 16, to engage the sides of the carpet, and clips 17, are carried by the end members, which overhang the edges of the carpet in the manner shown in Fig. 1. When pads are used on the steps, the pads are first applied to the frame, then the carpet and the whole is then securely clamped by means of the clamping bars and the side clips.

As the end strips are adjustably connected to the back plate, the frames may be adapted to steps of any width, and as the clamping bars are made of springy material and adjustably secured in place, the frame may be used as well with any thickness of carpet or stair pad. If so desired, the clips may also be adjustably secured to the frame so that carpet of any width may be accommodated, but as this feature is an obvious improvement, it is not so shown in the drawings.

From the foregoing description taken in connection with the drawings, the many advantages and usefulness of my invention will be readily appreciated and it will be evident that I have provided a carpet retainer which accomplishes all the results herein set forth as the objects of the invention.

I claim:

1. A stair carpet holder comprising a frame having clamping means for holding the carpet at the inner and outer edges of the step, and guiding means to engage the sides of the carpet.

2. A carpet holder comprising a frame having clamping means at each longitudinal edge, and guiding and clamping clips on the ends of the frame.

3. A stair carpet holder comprising an adjustable frame, clamping bars at each longitudinal edge of the frame, and clips on the ends of the frame.

4. A stair carpet securer comprising a frame adjustable to steps of different widths, clamping bars adjustably secured to the longitudinal edges of the frame, and clamping guides on the ends of the frame.

5. A stair carpet holder comprising an adjustable frame having curved ends to conform to the overhanging edge of

the stair step, guiding clips on the ends of the frame to receive the edges of the carpet, and clamping bars adjustably secured to the longitudinal edges of the frame.

5 6. A stair carpet holder comprising an adjustable frame having curved or hooked outer ends, guiding clips on the ends of the frame to receive the edges of the carpet, clamping bars adjustably secured to the longitudinal edges of the frame, and securing barbs on the frame to engage and hold the carpet.

10 7. A carpet securer comprising a longitudinal back plate, an offset clamping bar adjustably secured thereto, end members adjustably connected to the back plate and pro-

vided with hooked depending ends, a longitudinal connecting bar secured to said hooked ends and a clamping bar adjustably secured thereto, guiding clips carried by the end members, and frictional means carried by the longitudinal and end members to engage the carpet. 1

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

WILLIAM B. WAUGH.

Witnesses:

WM. H. GILLIE,
ARTHUR S. MOTTINGER.