

No. 708,614.

Patented Sept. 9, 1902.

J. BARNES & R. W. & W. H. KENYON.
CARPET SWEEPER.

(Application filed May 2, 1902.)

(No Model.)

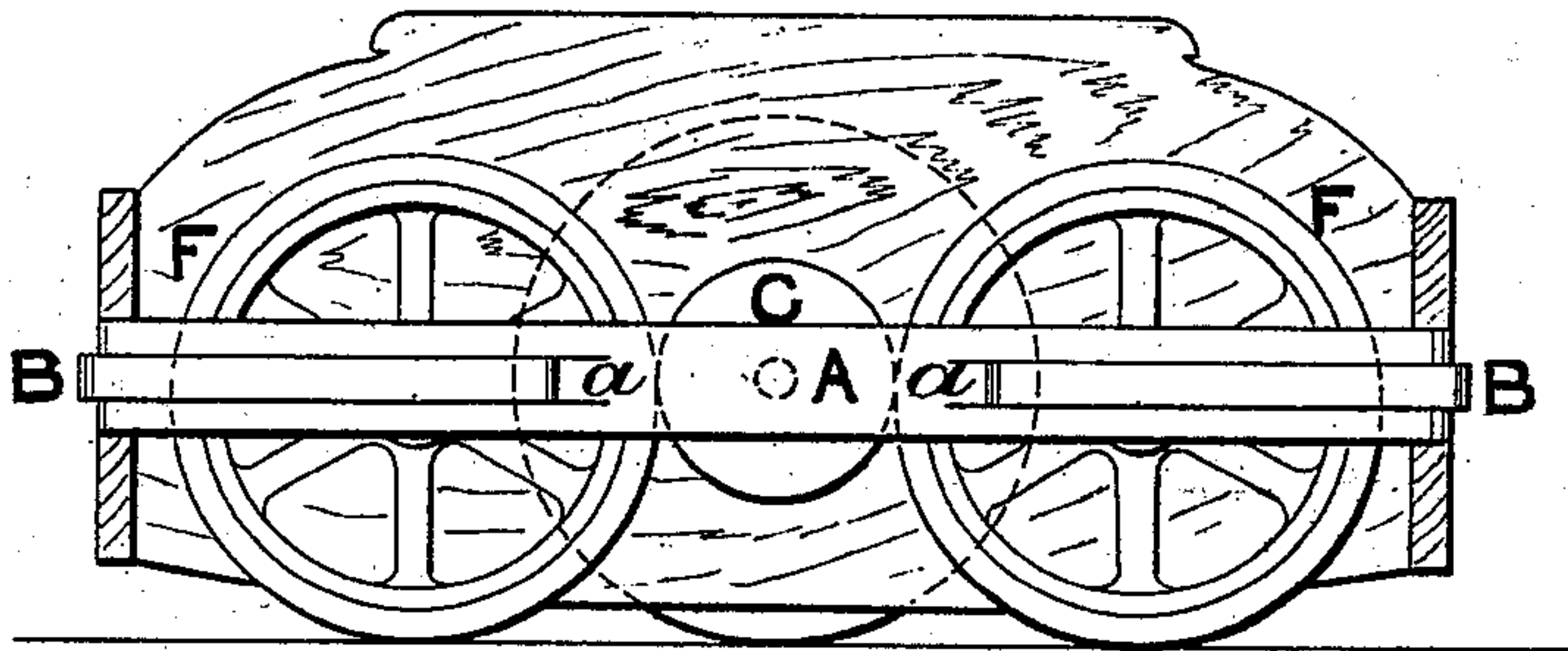


FIG. 1.



FIG. 2.

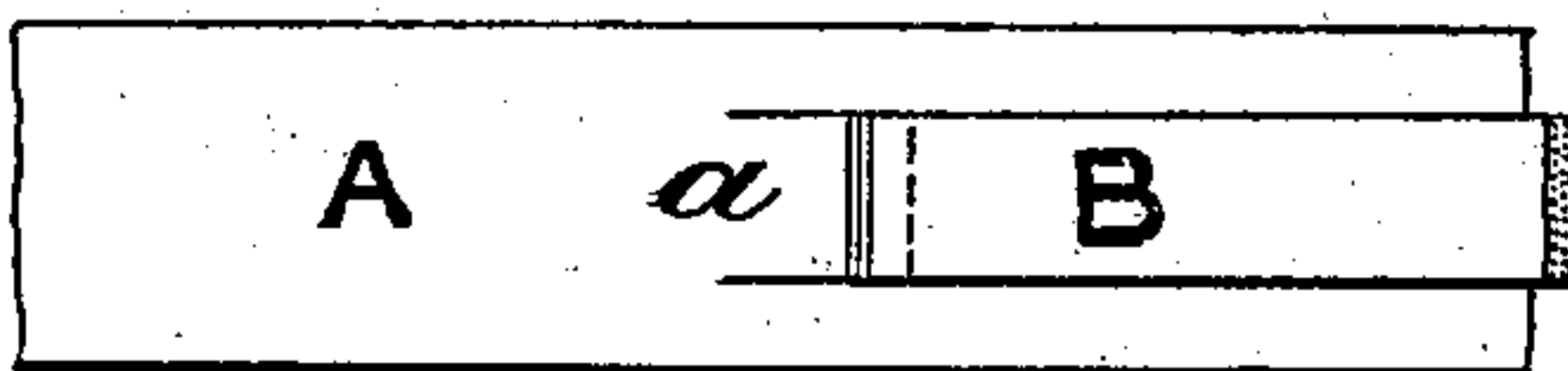


FIG. 5.

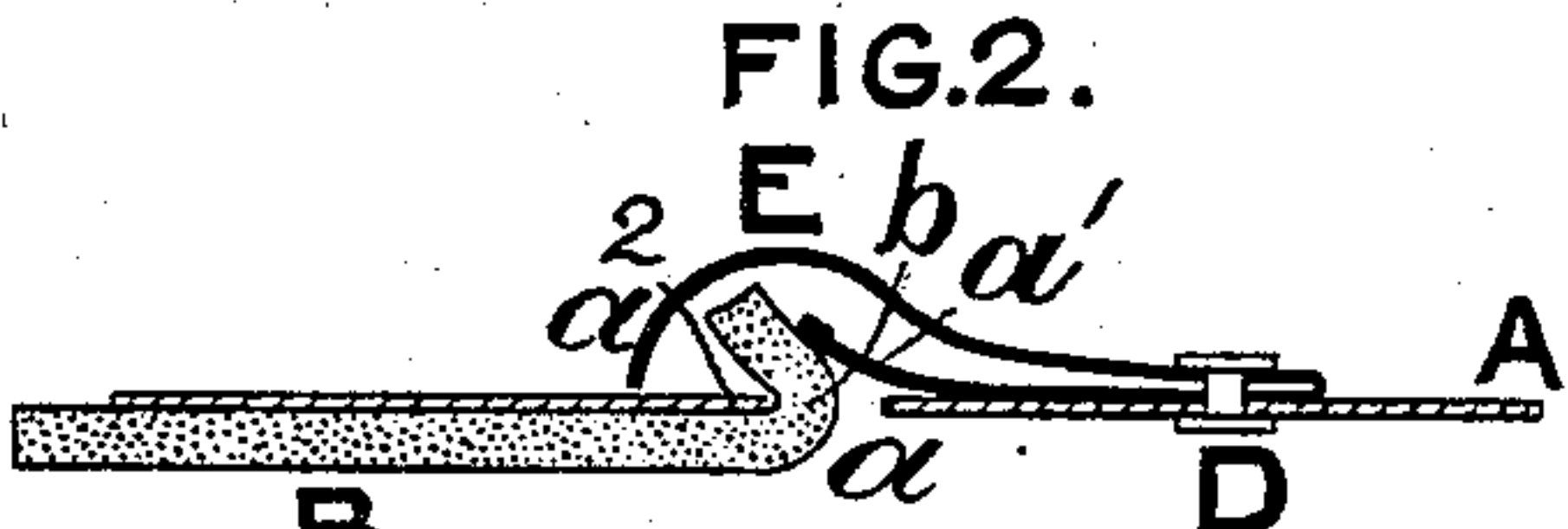


FIG. 3.

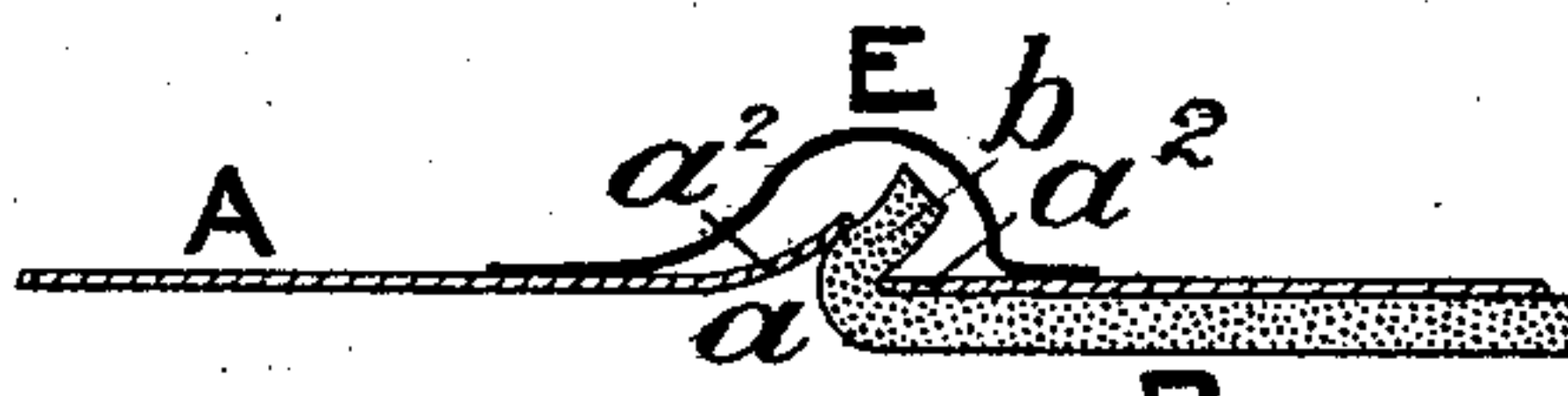


FIG. 6.



FIG. 4.

WITNESSES.

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UNITED STATES PATENT OFFICE.

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CARPET-SWEEPER.

SPECIFICATION forming part of Letters Patent No. 708,614, dated September 9, 1902.

Application filed May 2, 1902. Serial No. 105,677. (No model.)

To all whom it may concern:

Be it known that we, JONATHAN BARNES, RICHARD WALTON KENYON, and WILLIAM HENRY KENYON, British subjects, and residents of Accrington, in the county of Lancaster, England, have invented certain new and useful Improvements in Carpet-Sweepers, of which the following is a specification.

This invention relates to improved means for securing the rubber band or buffer to the body or casing of carpet-sweepers, whereby it may be readily attached and disconnected to replace it for the purpose of taking up the stretch when it becomes loose or for other purposes.

It consists, essentially, in constructing the metallic end or corner bracket which supports the brush with a slot or notch at each end to receive the ends of the rubber buffers with a projecting spring-piece to engage the end of the rubber buffer and a guard to prevent it being projected too far through.

It will be fully described with reference to the accompanying drawings.

Figure 1 is an end elevation of carpet-sweeper; Fig. 2, an enlarged end elevation of part of corner-bracket A and rubber buffer B, secured thereto; Fig. 3, a section of Fig. 2; Fig. 4, a section showing a modification; Fig. 5, an end elevation showing a further modification; Fig. 6, a section of Fig. 5.

The carpet-sweeper case is made in the ordinary way with an end or corner bracket A, which supports the brush-bearing C and the rubber buffer B. Hitherto it has been customary to make the rubber buffer in a continuous band, but we now make it in two disconnected lengths—one to embrace or protect each side of the case and secure it by its ends in slots or holes formed in the corner-brackets fitted to the case. To secure the buffer B, we form or provide in the corner-bracket A slots or notches *a* of a size to receive the end *b* of the buffer B, and behind

such slot or notch is placed a spring piece or projection *a'*, which bears against the in-turned end *b* of the rubber buffer and presses or forces it against the edge *a''* of the slot *a* in such a manner that the longitudinal pull or pressure on the buffer B will hold the end firmly in position. The spring piece or projection *a'* may be secured by a rivet D to the corner-bracket A, as in Figs. 2, 3, and 4, or a spring-piece *a''* may be stamped or punched out of the bracket, as in Figs. 5 and 6. Behind the spring-piece *a* is fitted a loop or guard-piece E to prevent the end *b* of the buffer B being projected too far through, as it might come into contact and interfere with the free rotation of the wheels F.

What we claim as our invention, and desire to protect by Letters Patent, is—

1. In a carpet-sweeper the combination with the sweeper-case and the rubber buffer formed in two disconnected lengths, of the corner-bracket provided with slots to receive the ends of the buffer and spring-pieces behind the slots to engage the inner ends of the buffer, substantially as described.

2. In a carpet-sweeper the combination with the sweeper-case and the rubber buffer formed in two disconnected lengths, of the corner-bracket provided with slots to receive the ends of the buffer, spring-pieces behind the slots to engage the inner ends of the buffer, and a guard-piece covering the slot to prevent the end being projected through to too great an extent, substantially as described.

In witness whereof we have hereunto signed our names in the presence of two subscribing witnesses.

JONATHAN BARNES.
RICHARD WALTON KENYON.
WILLIAM HENRY KENYON.

Witnesses:

GEO. W. PICKUP,
ROBERT THOMAS HAYHURST.