

No. 871,336.

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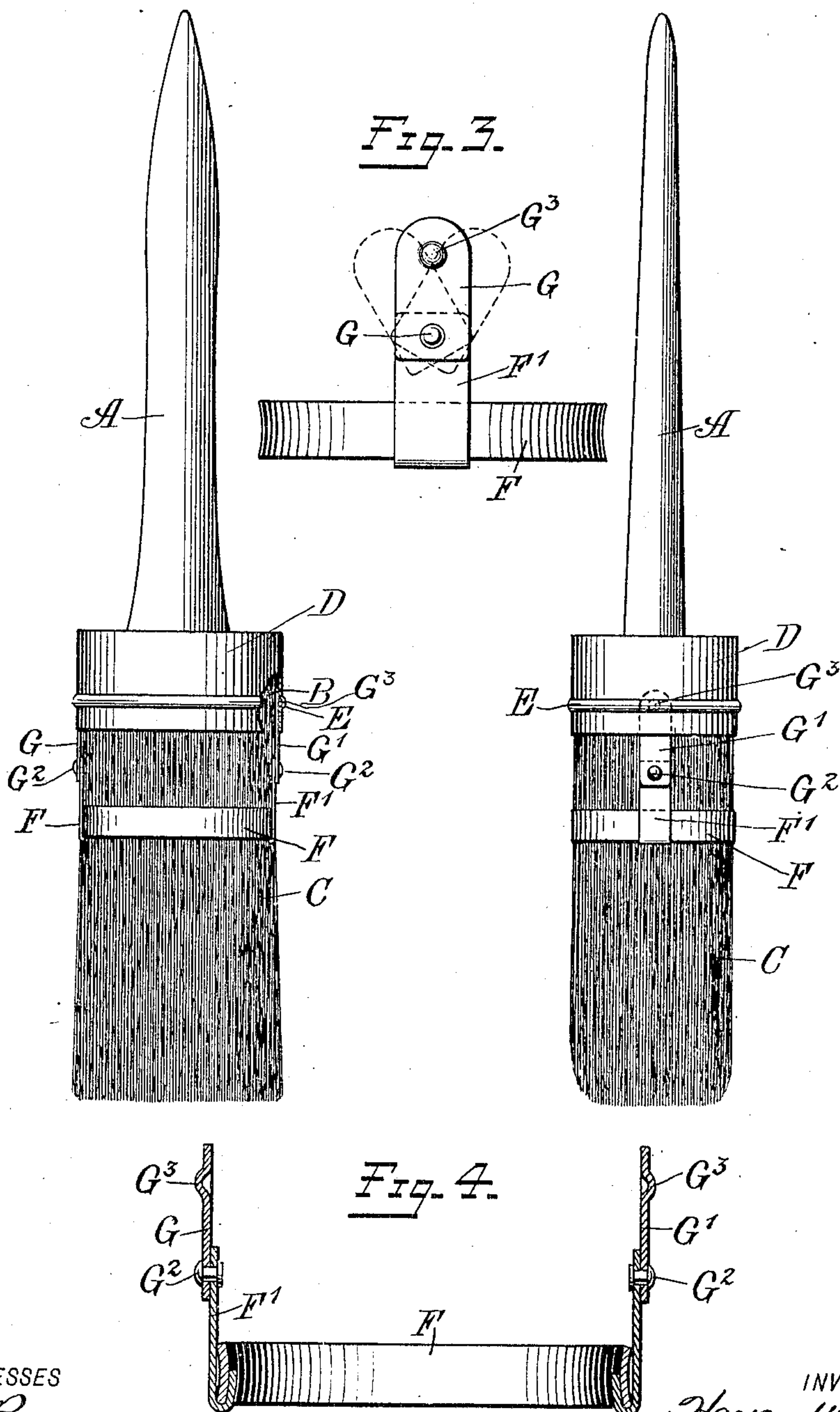
H. W. HASCY.
BRUSH.

APPLICATION FILED MAY 8, 1907.

Fig. 1.

Fig. 2.

Fig. 3.



WITNESSES
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UNITED STATES PATENT OFFICE.

HARVEY W. HASCY, OF HEMPSTEAD, NEW YORK.

BRUSH.

No. 871,336.

Specification of Letters Patent.

Patented Nov. 19, 1907.

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To all whom it may concern:

Be it known that I, HARVEY W. HASCY, a citizen of the United States, and resident of Hempstead, Long Island, Nassau county, State of New York, have invented certain new and useful Improvements in Brushes, of which the following is a specification.

My invention relates to brushes and has for its object to provide said brushes with an improved bridle for preventing undue spreading of the bristles while using the brush.

Other objects of my invention will appear from the annexed description and the features of novelty will be pointed out in the appended claims.

Reference is to be had to the accompanying drawing, in which

Figure 1 is a front elevation of a brush with my improvements applied thereto and partly in section, Fig. 2 is a side elevation thereof, Fig. 3 is a side view of the bridle on an enlarged scale, and Fig. 4 is a sectional view thereof.

A represents the handle of the brush which is secured to the brush head B in any customary manner.

C are the bristles which are fastened in position by means of the band or ferrule D which is nailed or otherwise secured to the head B and which together with the head B forms a chambered head arranged to receive the bristles. This band or ferrule is provided with a groove E on the inside thereof and which is preferably made by stamping the metal so that said band D will have a bead on the outside surface thereof.

F is the bridle which surrounds the bristles at a distance below the ferrule and is provided with lugs or projections F' which are secured thereto by soldering, or otherwise. These projections extend toward the ferrule D but do not engage therewith.

G and G' are links or arms which are pivotally connected at G² with the lugs F' and which extend upward on the inside of the ferrule between it and the bristles. These links or arms G and G' are provided with projections G³ which are adapted to enter the groove E of the ferrule so that the outward

pressure of the bristles serves to maintain the links or arms G & G' in position and the projections prevent said links from being pulled out of position.

The bridle serves to prevent the bristles of the brush from spreading unduly and maintains them in position and the pivot G² permits the said bridle to move relatively to the ferrule so that the bristles are flexible and are not stiffened as they would be if the lugs F' and links or arms G and G' were in one piece. This result is accomplished by having the pivot G² some distance below the lower edge of the ferrule D.

Various modifications may be made without departing from the nature of my invention as defined in the claims.

I claim:

1. A brush comprising bristles, a handled head chambered to receive the bristles and provided with an annular groove in its chamber, a bridle surrounding the bristles in advance of the head and provided with rearwardly extending lugs, and arms pivotally connected with said lugs and extending into said chamber, said arms being provided with projections arranged to enter said groove.

2. A brush comprising bristles, a handled head chambered to receive the bristles, a bridle surrounding the bristles in advance of the head and provided with rearwardly extending lugs, and arms pivotally connected with said lugs and extending into said chamber at opposite sides of the head.

3. A brush comprising bristles, a handled head chambered to receive the bristles, a bridle surrounding the bristles in advance of the head and arms pivotally connected at their forward ends with the bridle, said arms projecting into said chamber at opposite sides of the head.

In testimony whereof, I have hereunto signed my name in the presence of two subscribing witnesses.

HARVEY W. HASCY.

Witnesses:

G. V. RASMUSSEN,

JOHN A. KEHLENBECK.