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US D460,269 S Jul. 16, 2002 **Palumbo** (45) Date of Patent:

ROTATABLE HEAD TOOTHBRUSH

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|------|-----------|--------------------------------|------|
| | | | |

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LOC (7) Cl. 04-02 (51)

(52)(58)D4/138; 15/143.1, 159.1, 160, 167.1, 186,

187; 132/308; 601/139, 141

References Cited (56)

U.S. PATENT DOCUMENTS

| 1,092,014 A | * | 3/1914 | Briggs | 15/106 |
|-------------|---|---------|--------------------|--------|
| 3,868,742 A | * | 3/1975 | Brenner | 15/106 |
| 4,731,896 A | * | 3/1988 | De La Tour | 15/106 |
| 4,788,734 A | * | 12/1988 | Bauer | 15/106 |
| D429,888 S | | 8/2000 | Coopersmith et al. | |
| D441,958 S | | 5/2001 | Rueb | |
| D444,951 S | | 7/2001 | Harada | |

^{*} cited by examiner

Primary Examiner—Lisa Lichtenstein

CLAIM (57)

The ornamental design for a rotatable head toothbrush, as shown.

DESCRIPTION

FIG. 1 is a perspective view of a rotatable head toothbrush in accordance with the present invention, in its centered position;

FIG. 2 is a top elevational view thereof, in its centered position;

FIG. 3 is a bottom elevational view thereof, in its centered position;

FIG. 4 is a left side elevational view thereof in its centered position, the right side elevational view being a mirror image thereof;

FIG. 5 is a front plan view thereof in its centered position; FIG. 6 is a rear plan view thereof in its centered position;

FIG. 7 is a perspective view of the rotatable head toothbrush in accordance with the present invention, with the head rotated to the right, the left side rotation of the head shown in phantom;

FIG. 8 is a top elevational view of the arrangement of FIG. 7, with the toothbrush head rotated to the right, the left side rotation shown in phantom;

FIG. 9 is a bottom elevational view of the arrangement of FIG. 7, with the toothbrush head rotated to the right, the left side rotation shown in phantom;

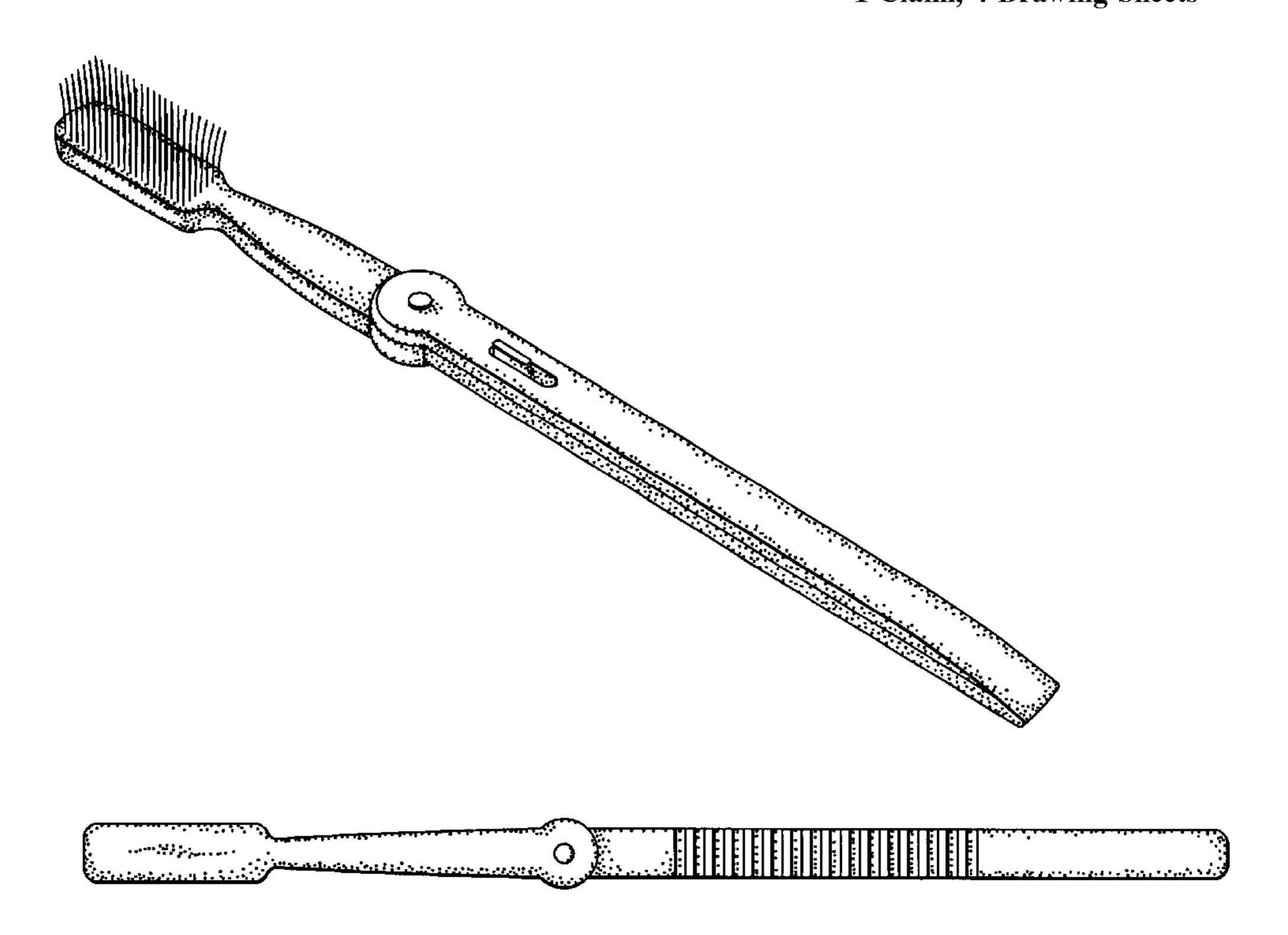
FIG. 10 is a left side elevational view of the arrangement of FIG. 7;

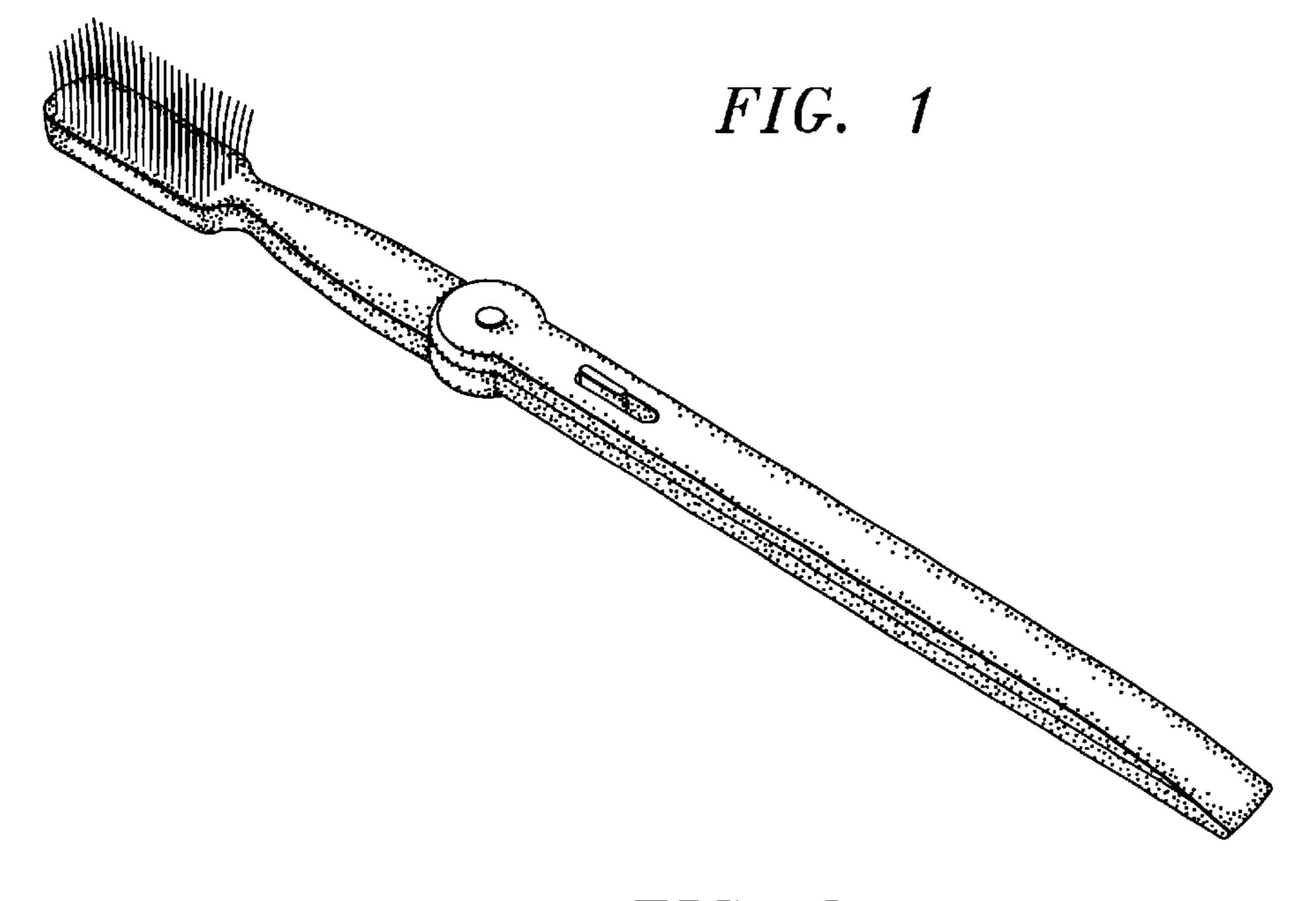
FIG. 11 is a right side elevational view of the arrangement of FIG. 7;

FIG. 12 is a front elevational view of the arrangement of FIG. 7, with the toothbrush head rotated to the right, the left side rotation shown in phantom; and,

FIG. 13 is a rear elevational view of the arrangement of FIG. 7, with the toothbrush head rotated to the right, the left side rotation shown in phantom.

1 Claim, 4 Drawing Sheets





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FIG. 2

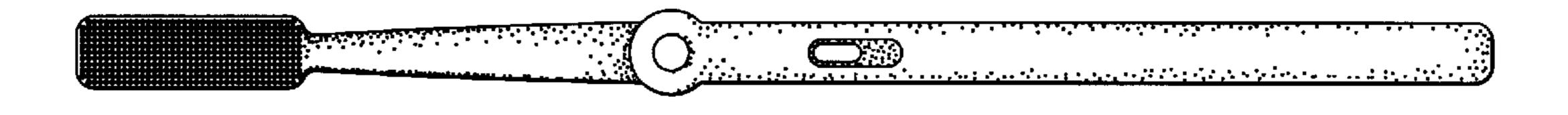


FIG. 3



FIG. 4

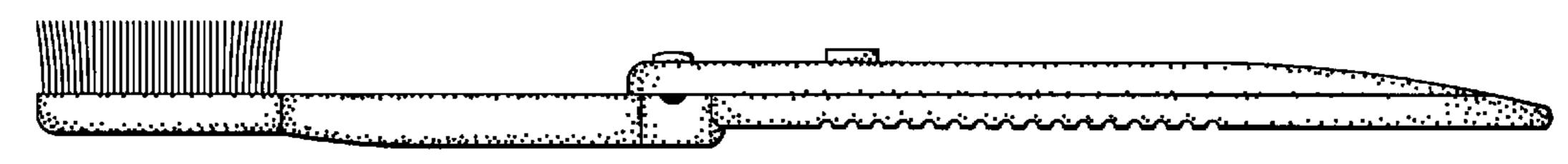
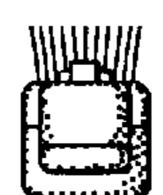


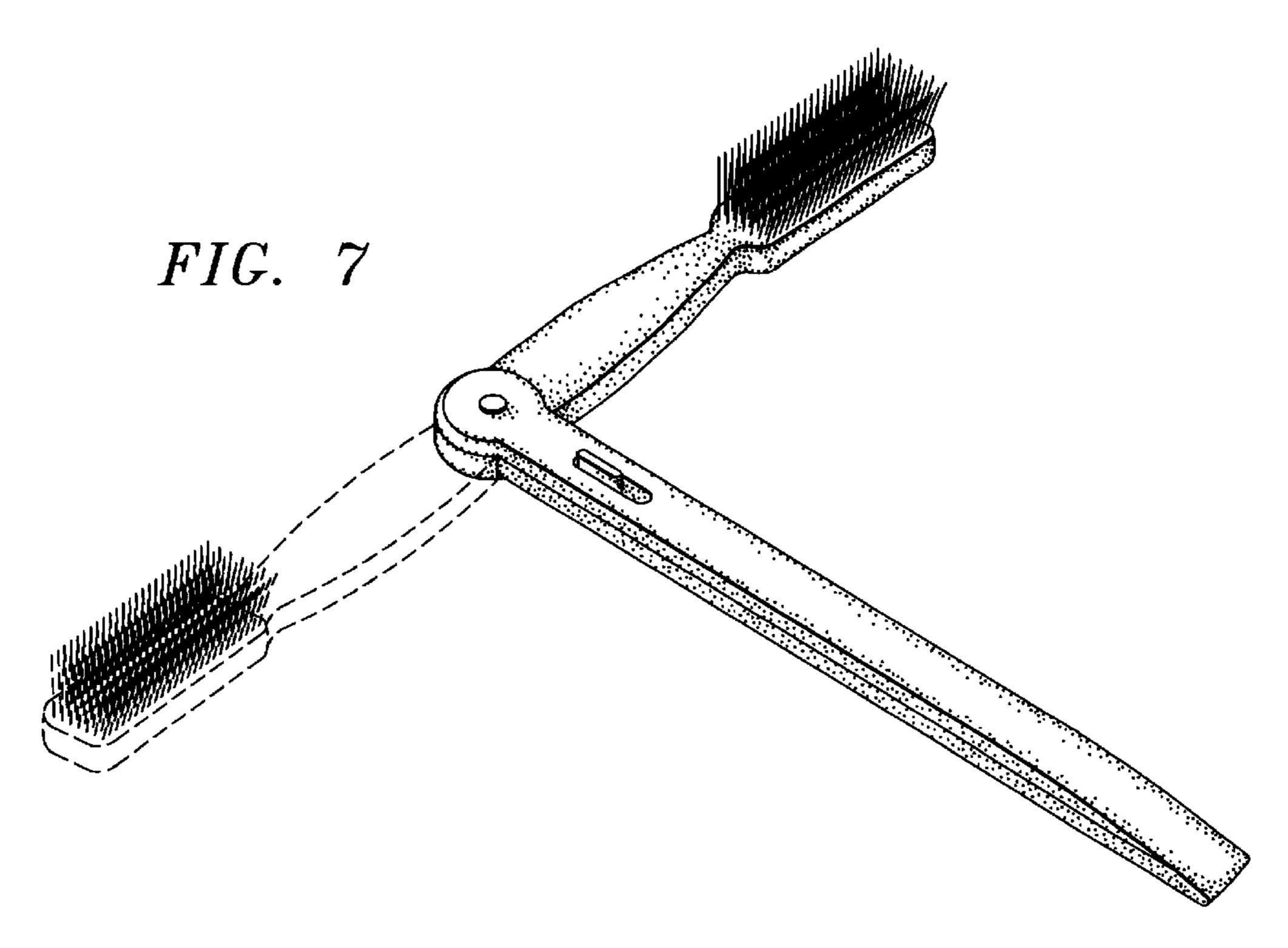
FIG. 5



FIG. 6



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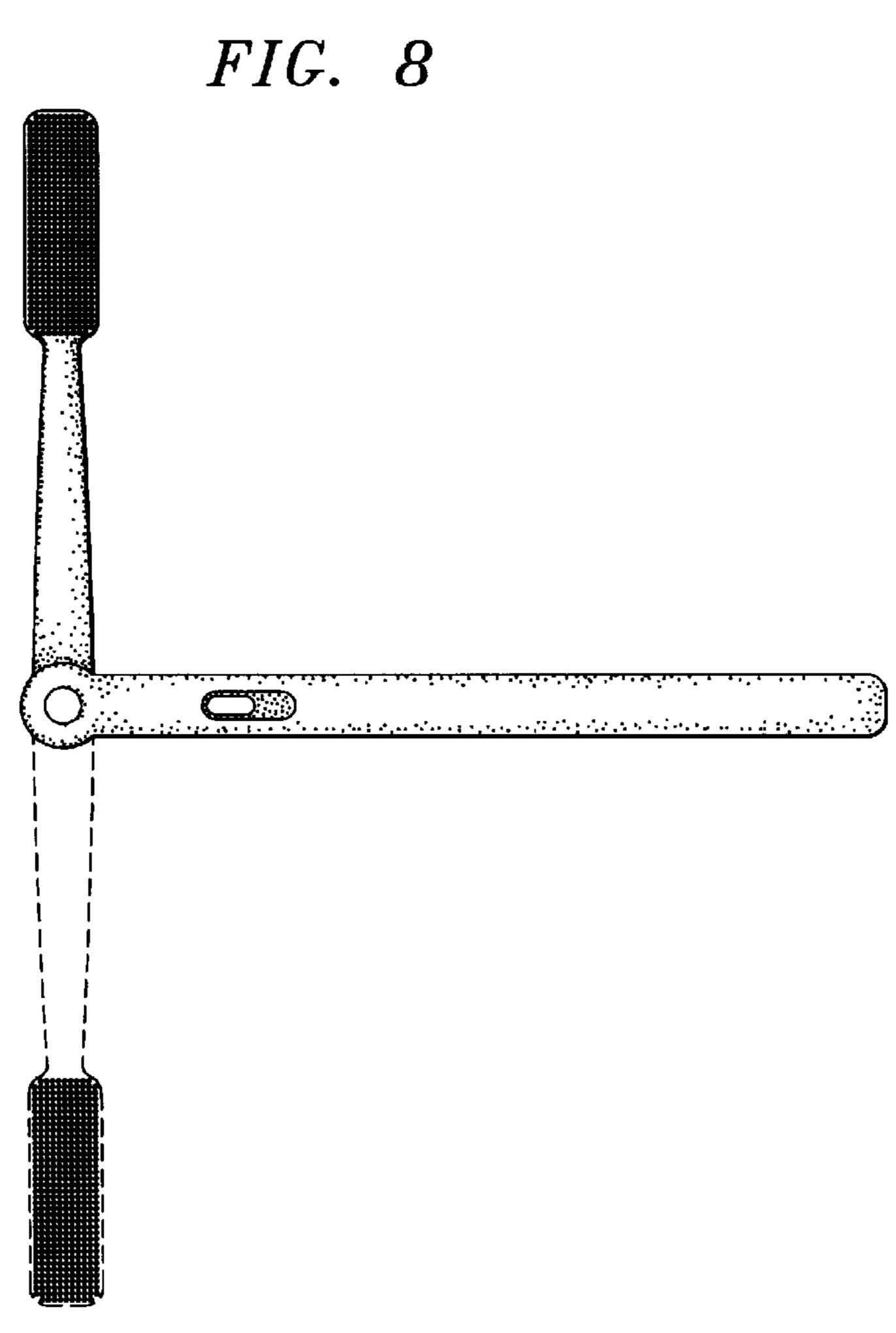


FIG. 9

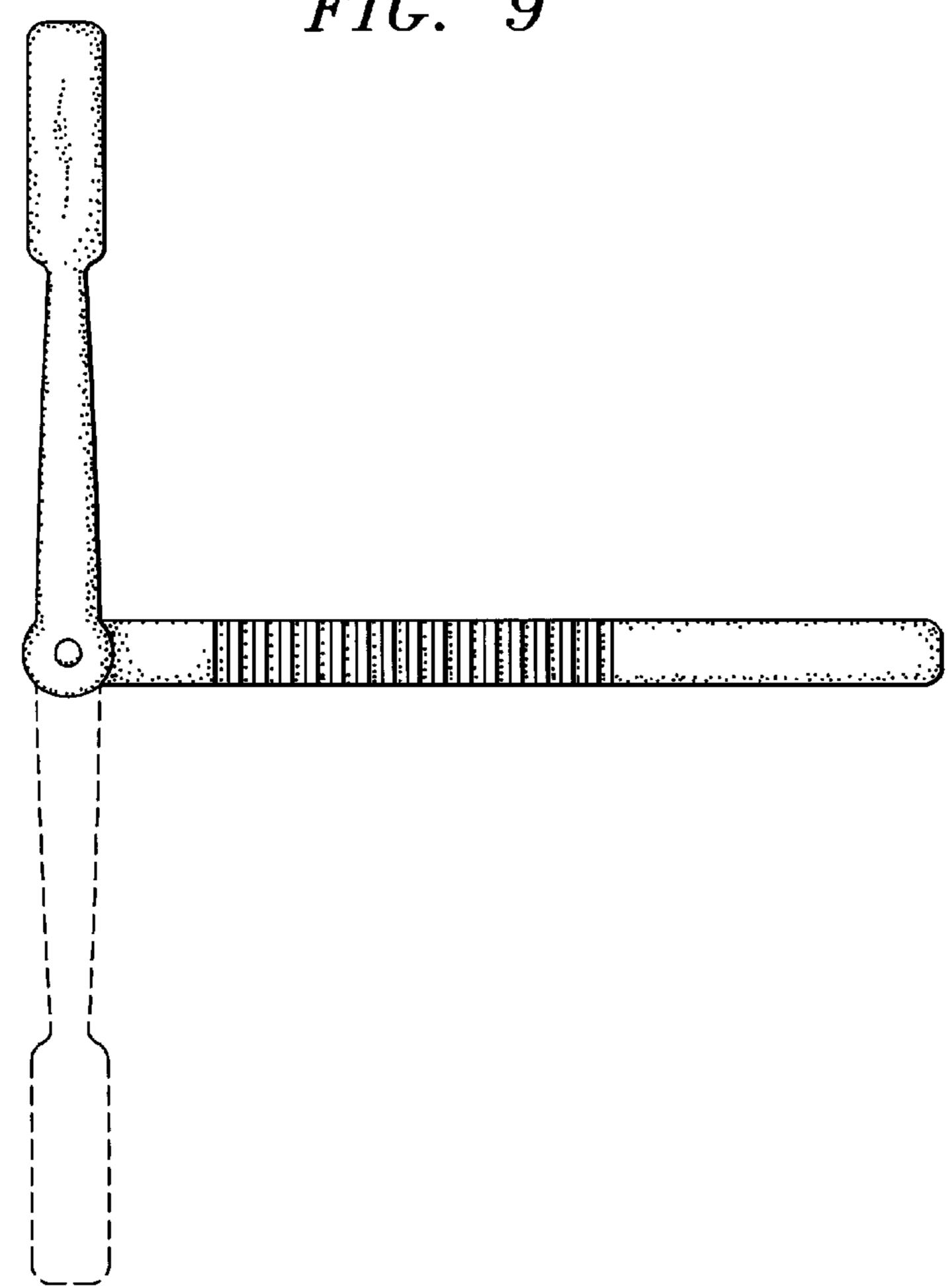


FIG. 10

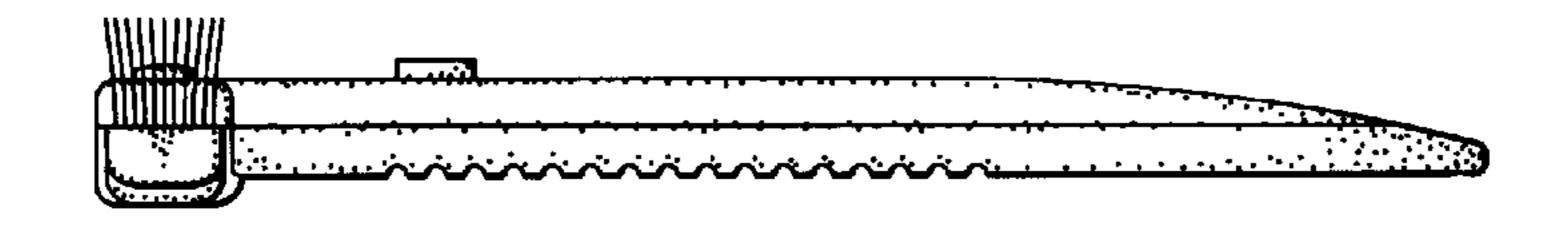
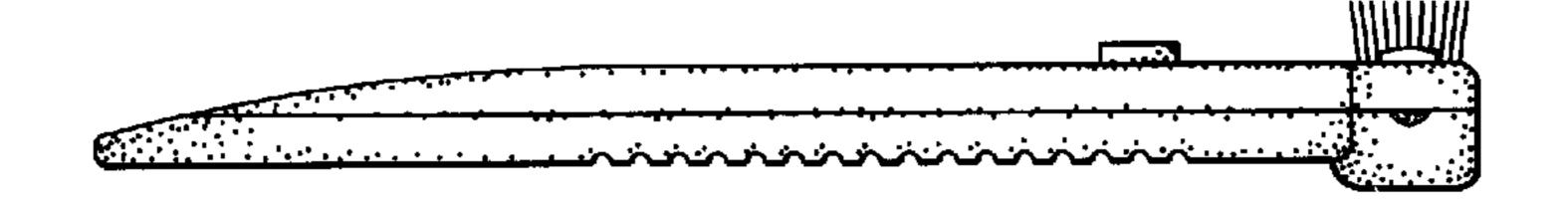


FIG. 11



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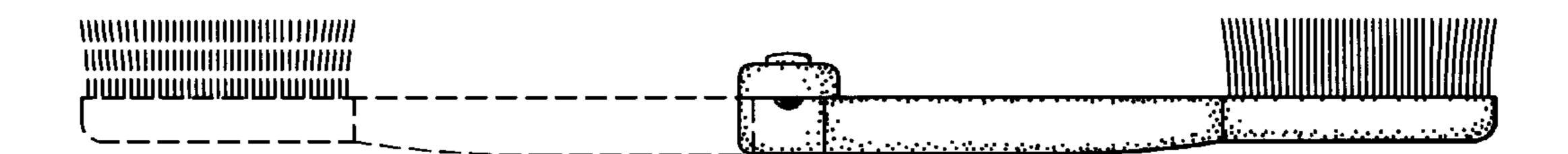


FIG. 13

