



US00D325302S

United States Patent [19]

[11] Patent Number: Des. 325,302

Honda

[45] Date of Patent: ** Apr. 14, 1992

- [54] BRISTLE END PORTION OF A TOOTHBRUSH
- [75] Inventor: Hidetoshi Honda, Hirakata, Japan
- [73] Assignee: Shiken, Ltd., Osaka, Japan
- [**] Term: 14 Years
- [21] Appl. No.: 66,841
- [22] Filed: Jun. 25, 1987

[30] Foreign Application Priority Data

Dec. 27, 1986 [JP] Japan 61-51533
 Dec. 27, 1986 [JP] Japan 61-51534

[52] U.S. Cl. D4/104

[58] Field of Search D4/104-114;
 D24/10-11; 15/106, 110, 159 R, 159 A, 160,
 167.1-167.2, 172, 176.1-176.6; 132/84 R, 84
 A-84 D

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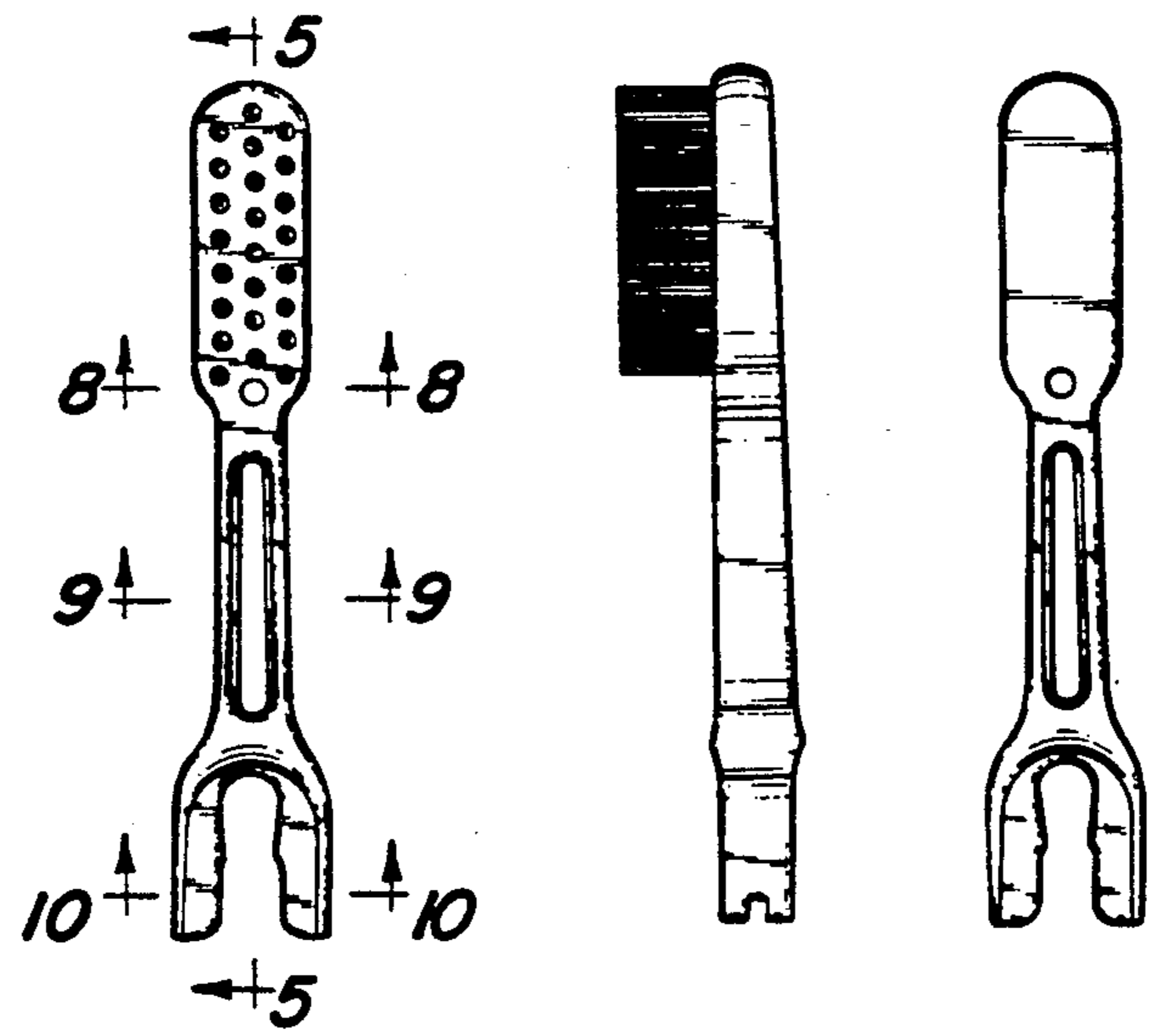
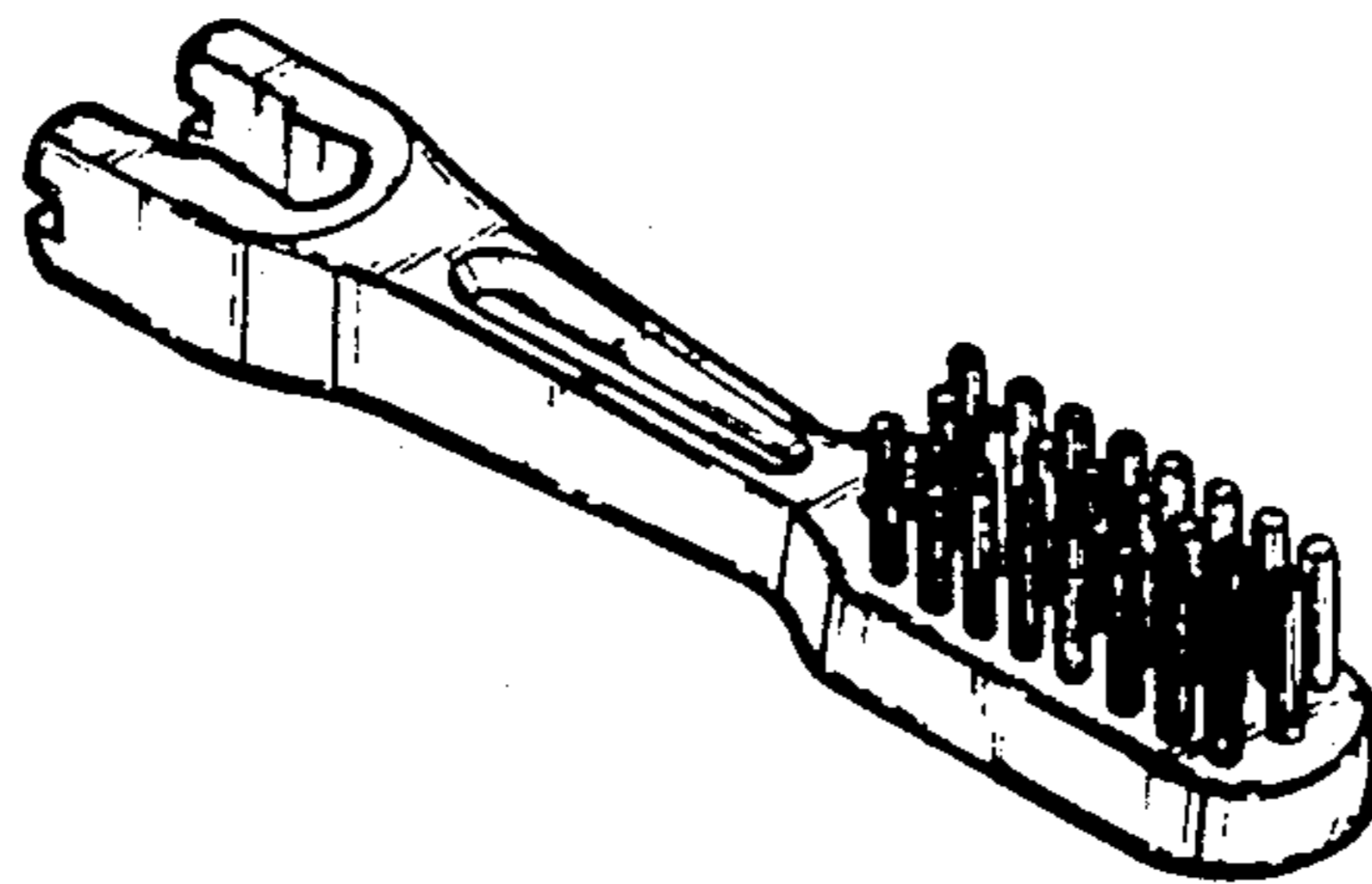
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 Assistant Examiner—Lavone D. Tabor
 Attorney, Agent, or Firm—Gifford, Groh, Sprinkle,
 Patmore and Anderson

[57] CLAIM

The ornamental design for a bristle end portion of a toothbrush, as shown and described.

DESCRIPTION

FIG. 1, is a perspective view of a bristle end portion of a toothbrush showing my new design;
 FIG. 2 is a front elevational view thereof;
 FIG. 3 is a right side elevational view thereof;
 FIG. 4 is a rear elevational view thereof;
 FIG. 5 is a sectional view thereof taken along lines 5—5 of FIG. 2;
 FIG. 6 is a bottom end elevational view thereof;
 FIG. 7 is a top end elevational view thereof;
 FIG. 8 is a sectional view thereof, taken along lines 8—8 of FIG. 2;
 FIG. 9 is a sectional view thereof taken along lines 9—9 of FIG. 2; and,
 FIG. 10 is a sectional view thereof taken along lines 10—10 of FIG. 2;



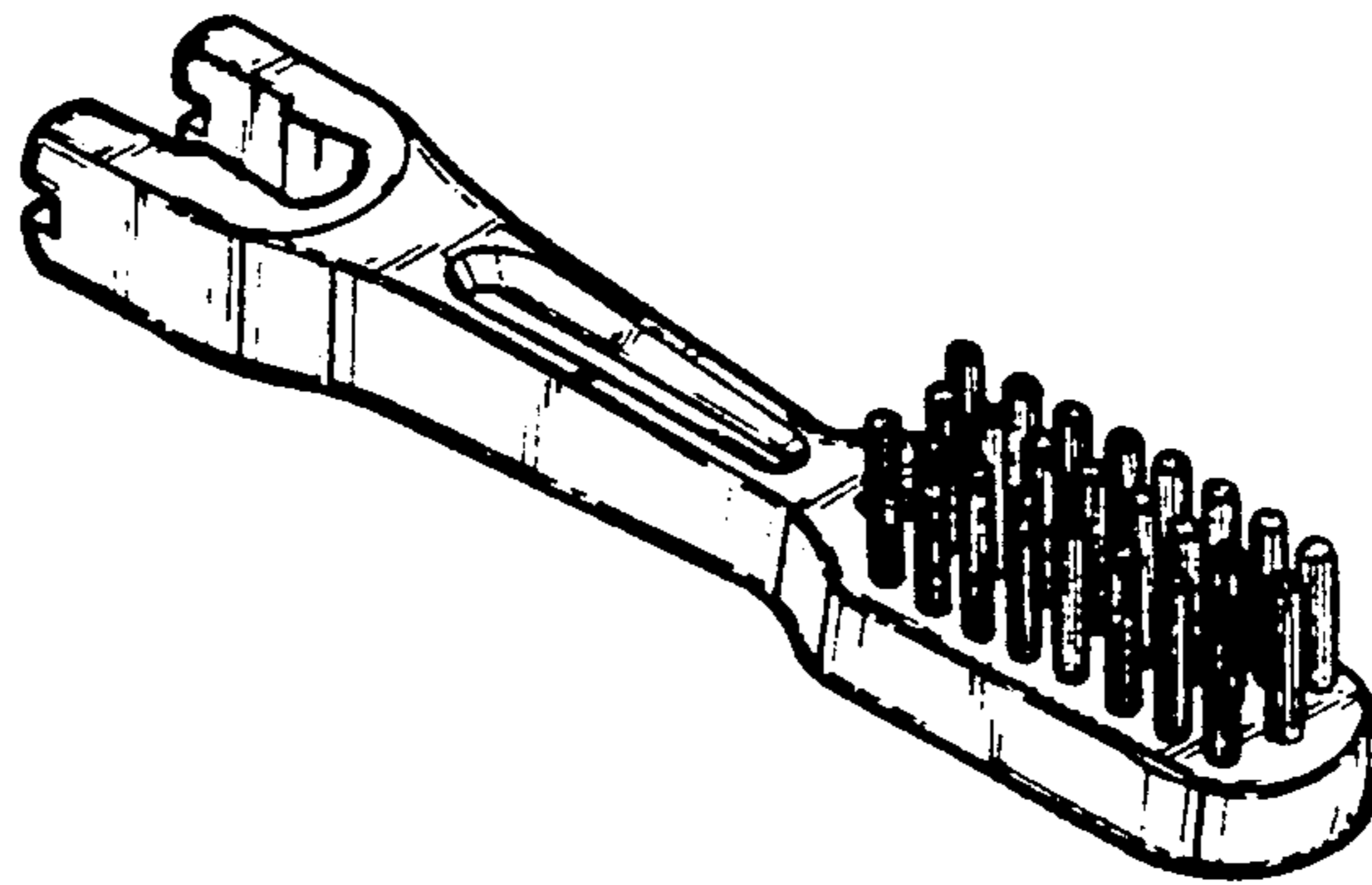


Fig-1

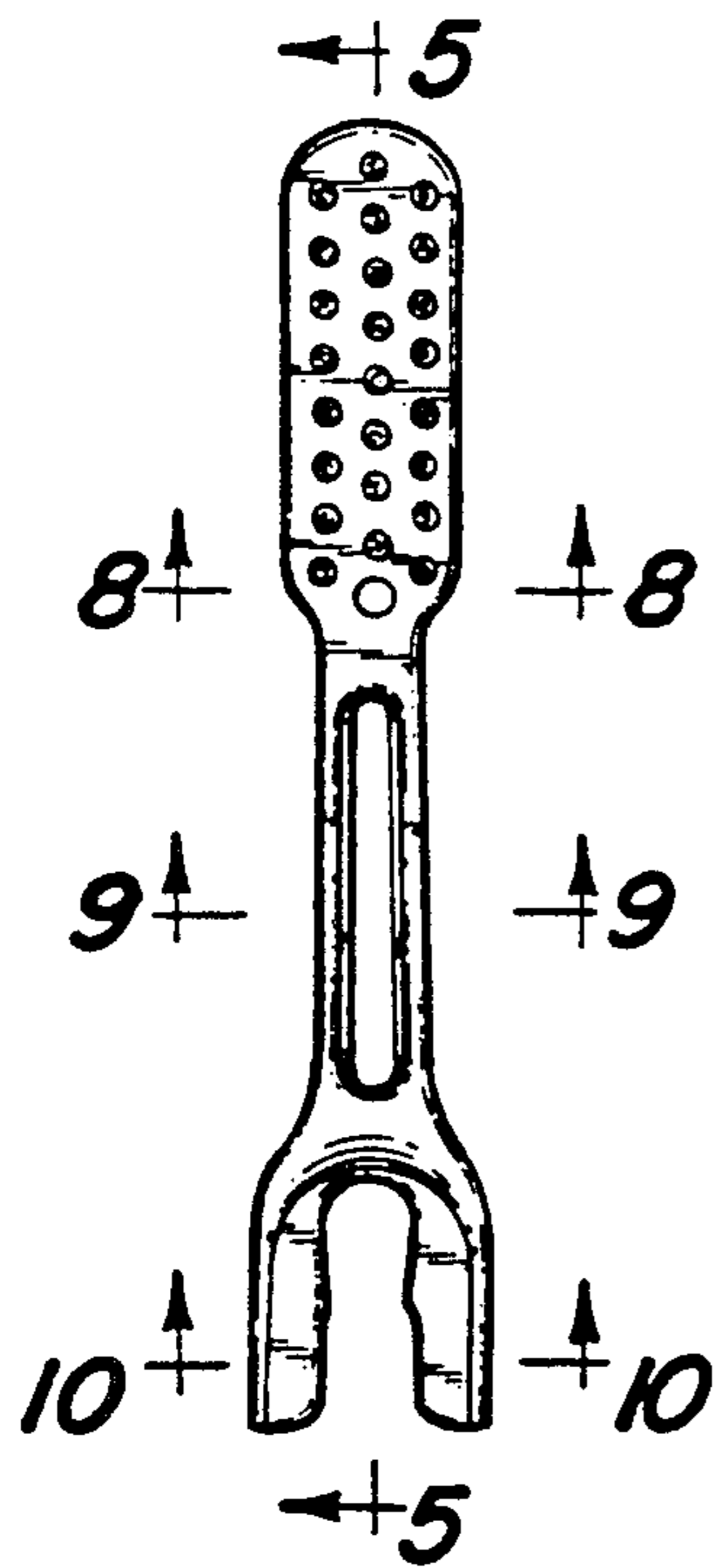


Fig-2

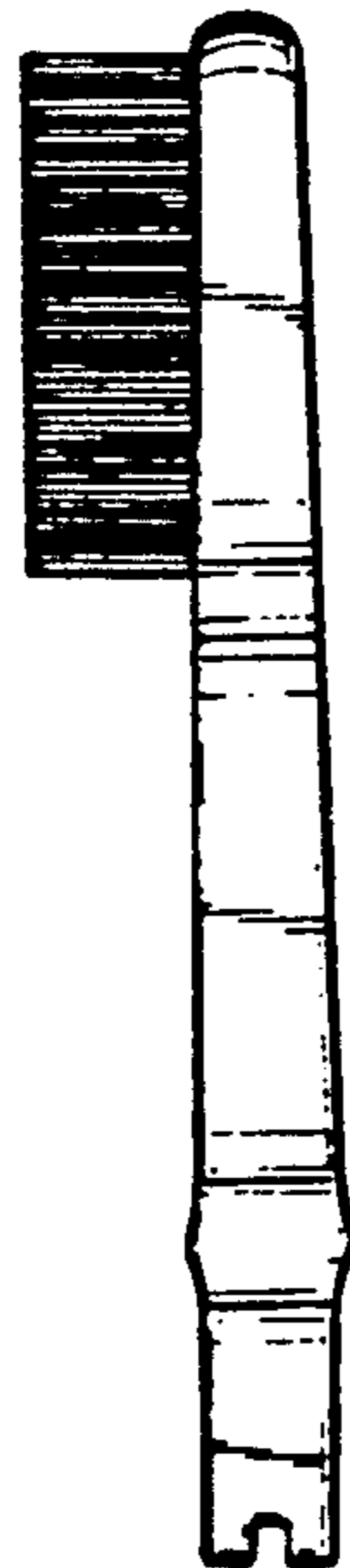


Fig-3

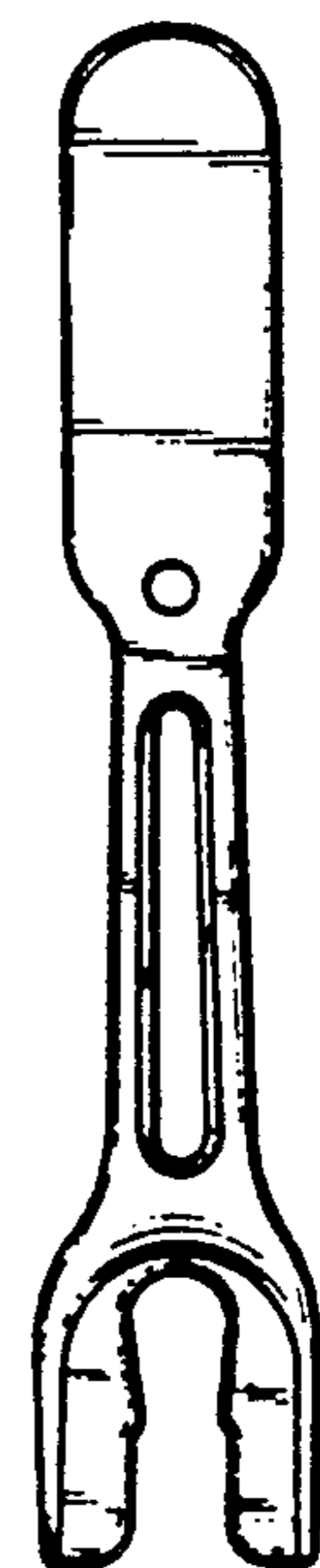


Fig-4

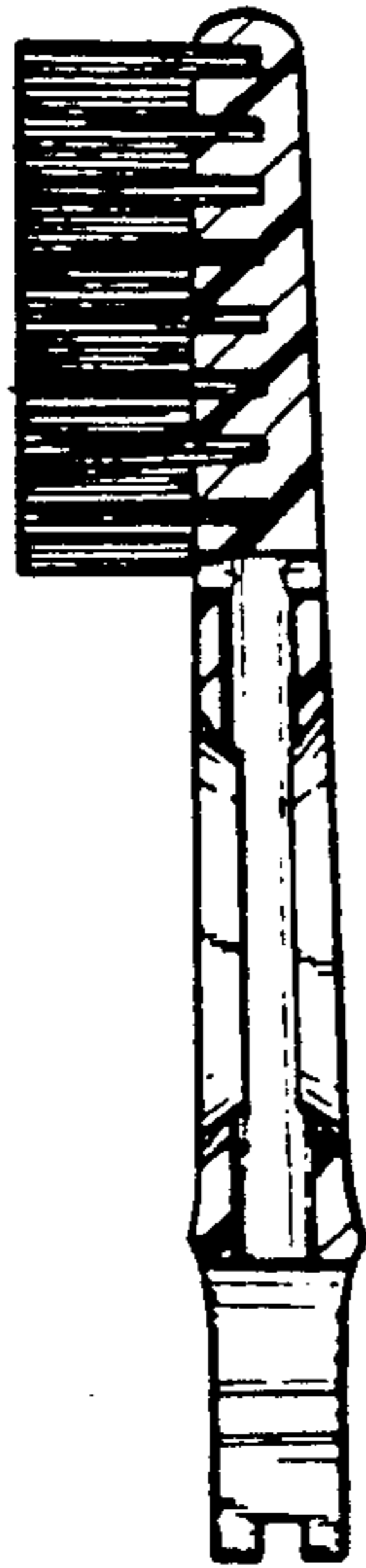


Fig-5

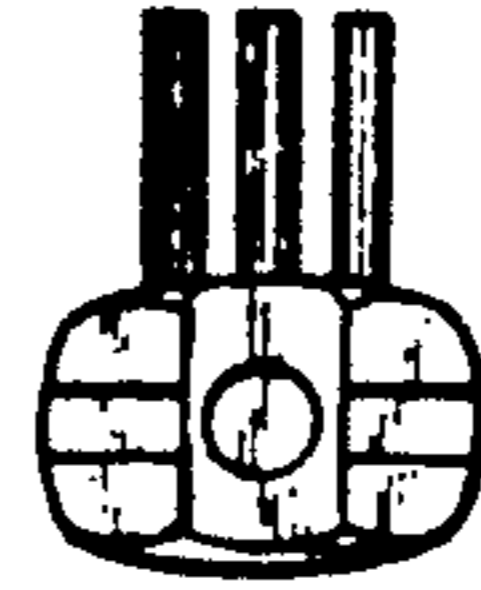


Fig-6

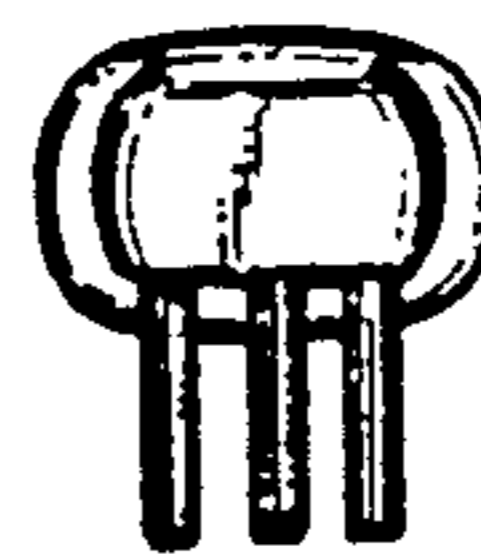


Fig-7

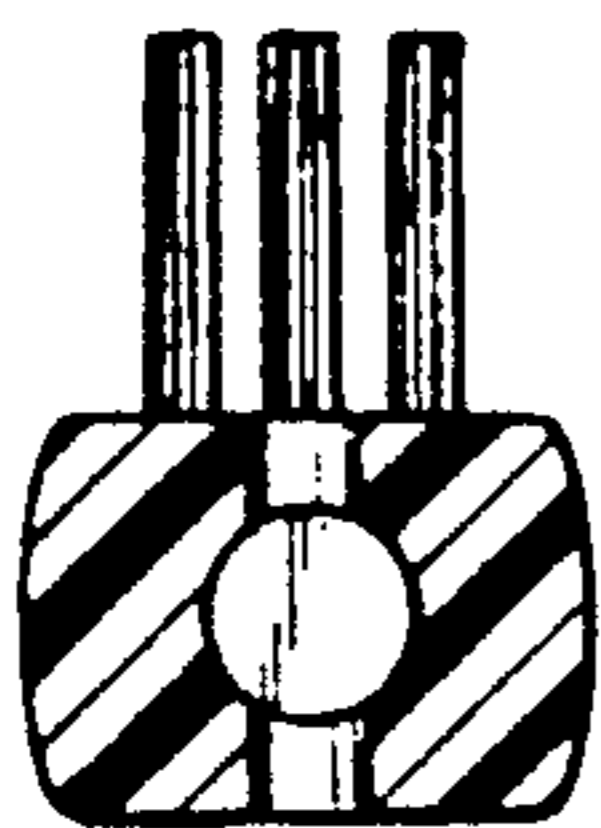


Fig-8

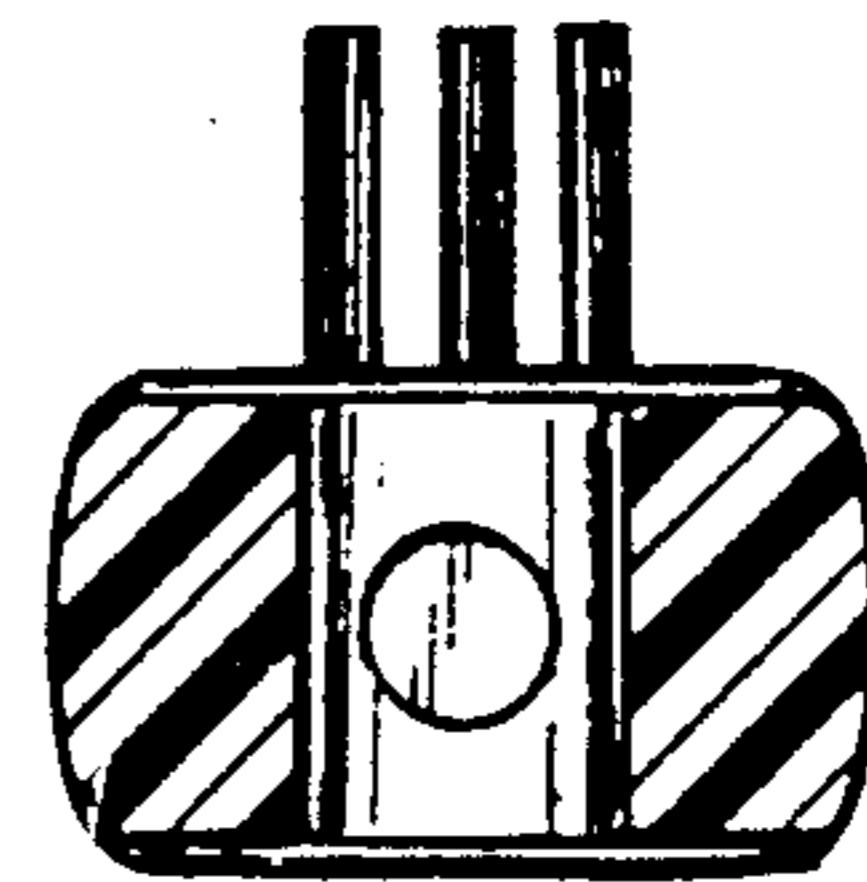


Fig-10

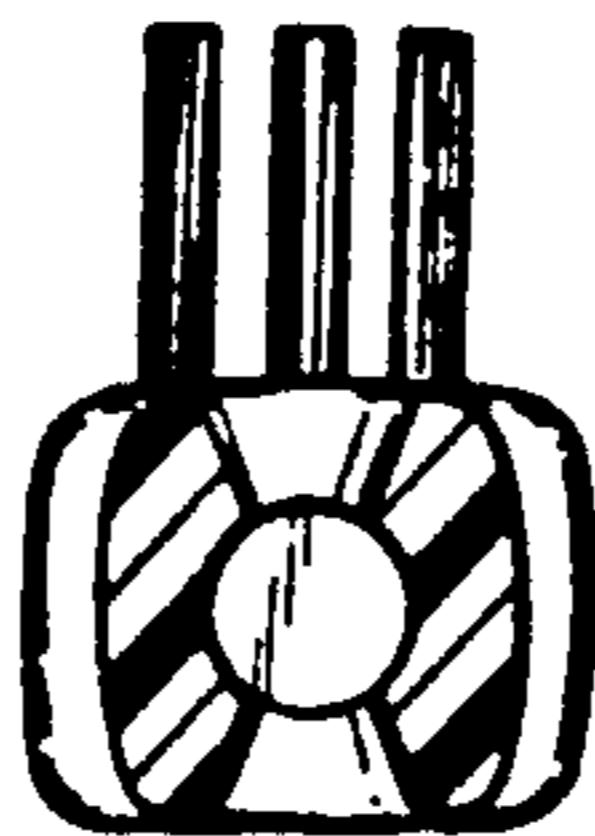


Fig-9