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(12) **United States Design Patent**  
**Schouten et al.**

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(54) **AUTOMOTIVE CLEANING BRUSH**

(71) Applicant: **Hopkins Manufacturing Corporation,**  
Emporia, KS (US)

(72) Inventors: **Pieter Schouten,** Berkeley, CA (US);  
**Marcus Gooden,** LomaLinda, CA (US)

(73) Assignee: **Hopkins Manufacturing Corporation,**  
Emporia, KS (US)

(\*\*) Term: **14 Years**

(21) Appl. No.: **29/453,023**

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(51) **LOC (10) Cl.** ..... **04-01**

(52) **U.S. Cl.**  
USPC ..... **D4/138; D4/120**

(58) **Field of Classification Search**  
USPC ..... D4/105, 106, 118-120, 131-138;  
D7/393, 395, 401.2; D8/82, 83, 107,  
D8/300, 303; 15/106, 114, 143.1, 159.1,  
15/160, 167.2, 167.3, 186-188, 206;  
16/430, DIG. 12, DIG. 19; 81/489, 492;  
D28/20, 21, 25, 28, 30, 31; D30/158,  
D30/159; 132/120, 137, 142, 313  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D441,536 S \* 5/2001 Jackson-MacDonald ..... D4/118  
D474,032 S \* 5/2003 Jorgensen ..... D4/119

D507,407 S \* 7/2005 Woods ..... D4/132  
D521,244 S \* 5/2006 Germany ..... D4/119  
2009/0282634 A1 \* 11/2009 Pardini ..... 15/172

**FOREIGN PATENT DOCUMENTS**

CN 201005229 Y \* 1/2008 ..... A46B 5/00  
CN 201223103 Y \* 4/2009 ..... A46B 5/00

\* cited by examiner

*Primary Examiner* — Melanie H Tung

*Assistant Examiner* — Lavone D Tabor

(74) *Attorney, Agent, or Firm* — George R. McGuire; Bond  
Schoeneck & King, PLLC

(57) **CLAIM**

The ornamental design for an automotive cleaning brush, as  
shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of an automotive cleaning brush  
showing our new design, the bristles being shown in broken  
lines to illustrate portions of the brush that form no part of the  
claimed design;

FIG. 2 is a front elevation view thereof;

FIG. 3 is a rear elevation view thereof;

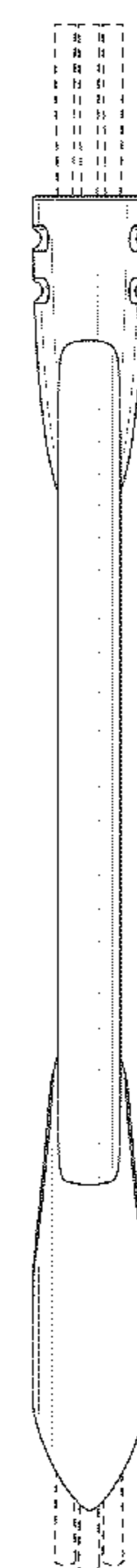
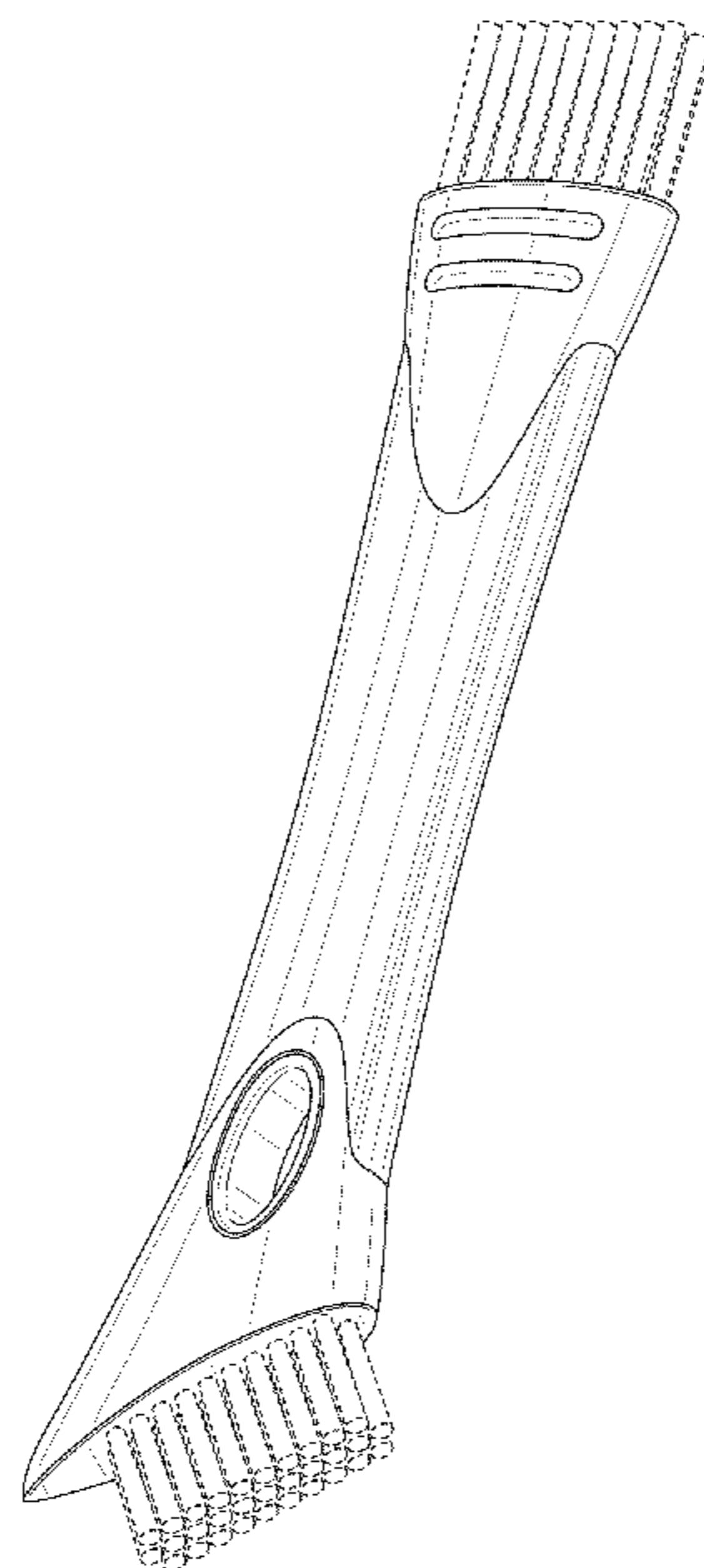
FIG. 4 is a first side elevation view thereof;

FIG. 5 is a second side elevation view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

**1 Claim, 7 Drawing Sheets**



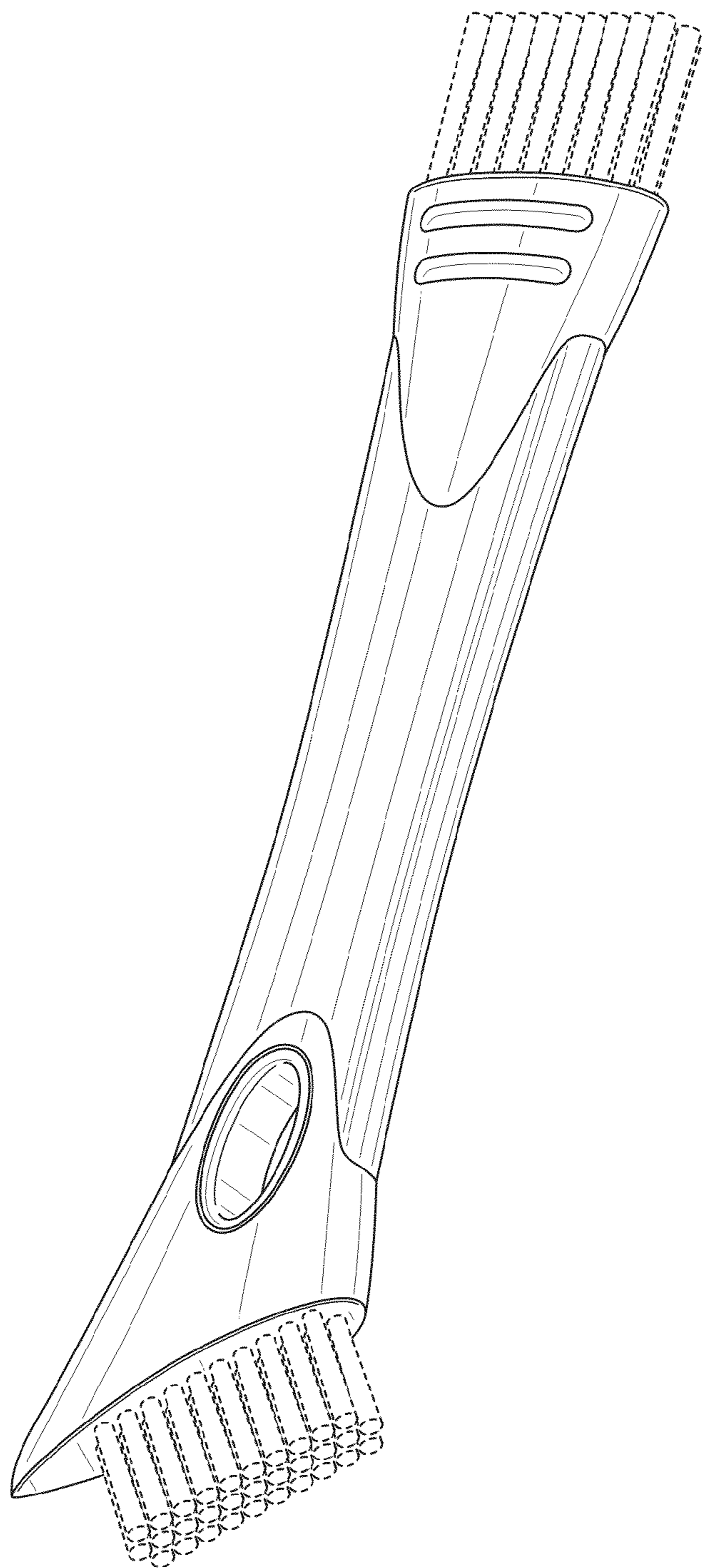


FIG. 1

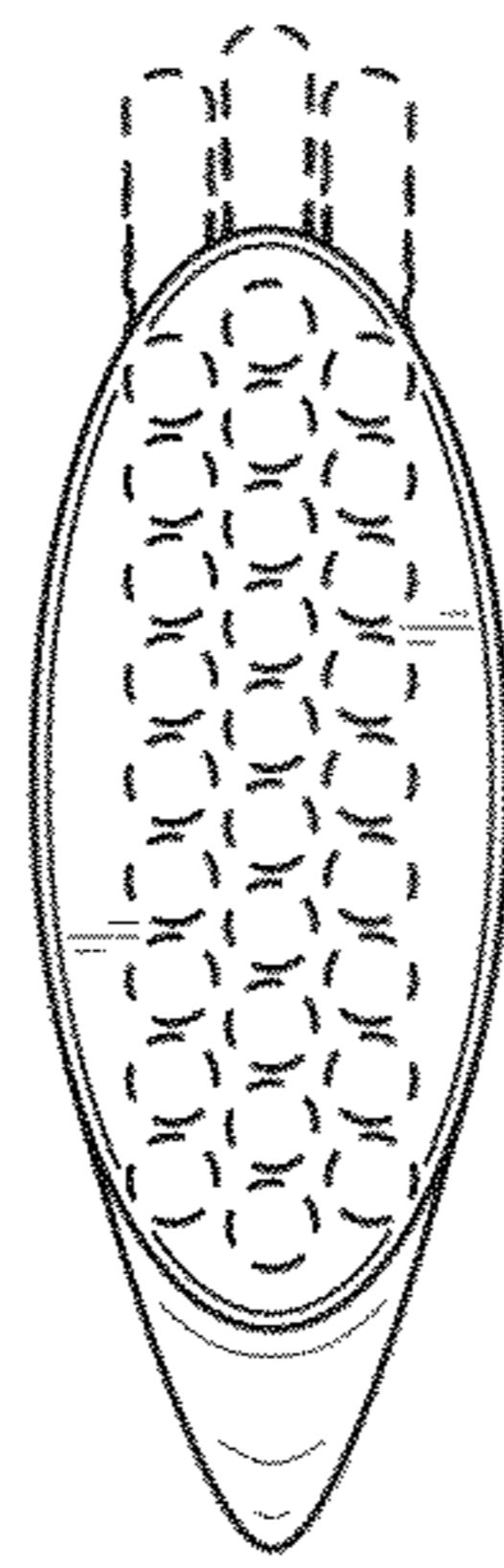


FIG. 2

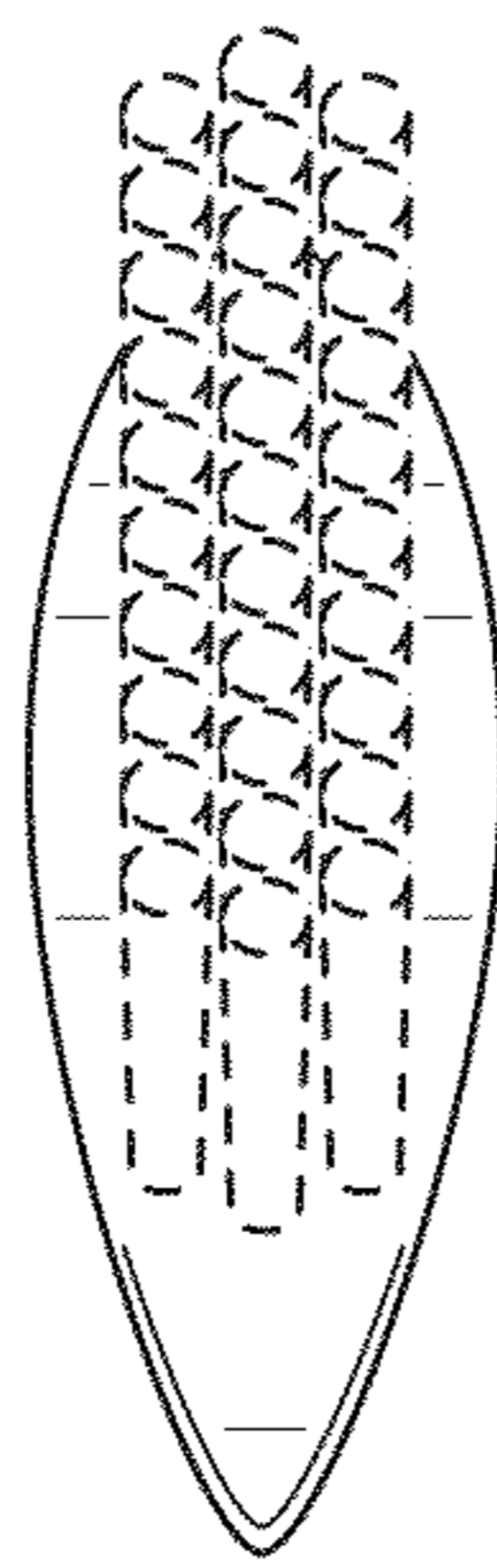


FIG. 3

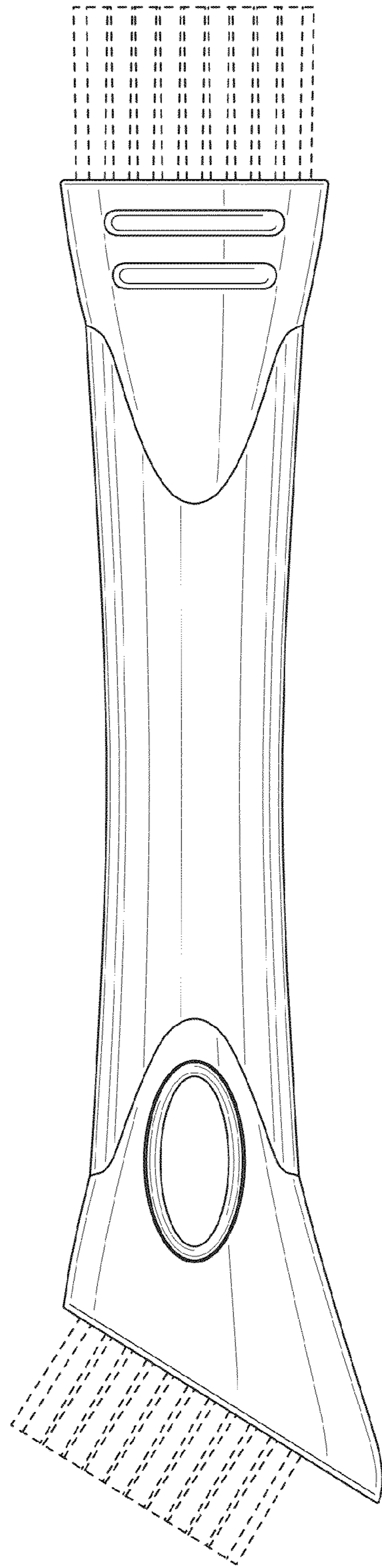


FIG. 4

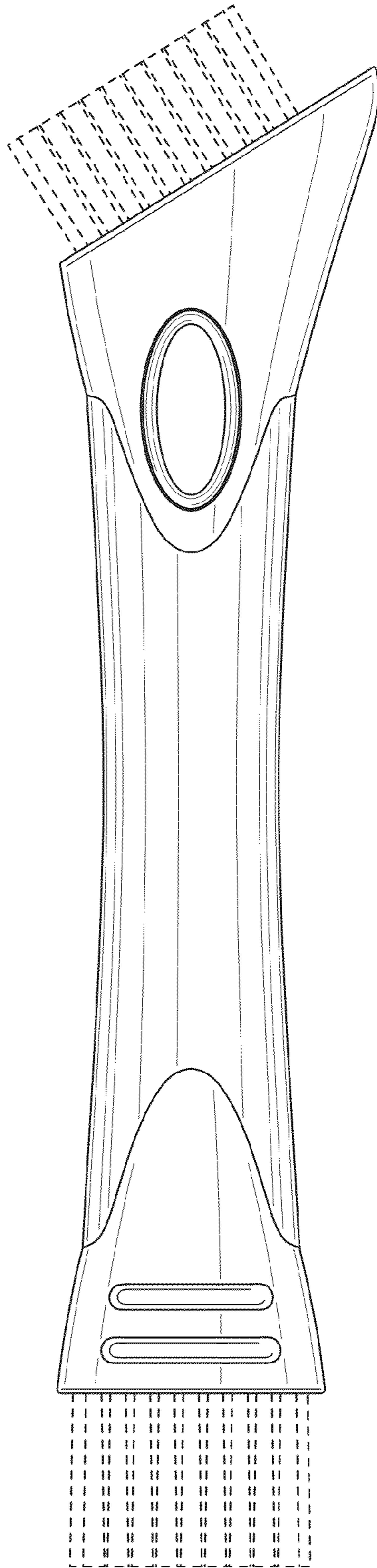


FIG. 5

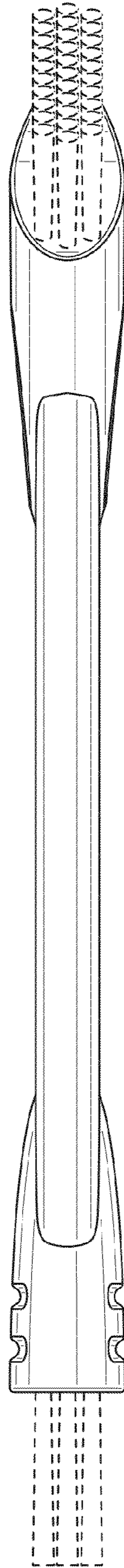


FIG. 6

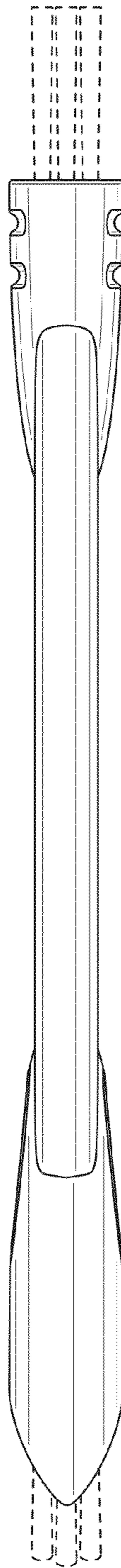


FIG. 7