



US00D839480S

(12) **United States Design Patent** (10) **Patent No.:** **US D839,480 S**  
**Skjoldberg et al.** (45) **Date of Patent:** **\*\* Jan. 29, 2019**

(54) **INTERDENTAL CLEANING DEVICE**

(71) Applicant: **COLGATE-PALMOLIVE COMPANY**, New York, NY (US)

(72) Inventors: **Rune Skjoldberg**, Copenhagen East (DK); **Nikolas Vaage-Nilsen**, Lyngby (DK); **Lone Lenes**, Lyngby (DK); **Christina Birkedal**, Lyngby (DK); **Daniel Wainless**, New Brunswick, NJ (US)

(73) Assignee: **Colgate-Palmolive Company**, New York, NY (US)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/599,881**

(22) Filed: **Apr. 7, 2017**

(30) **Foreign Application Priority Data**

Oct. 12, 2016 (EP) ..... 003416668

(51) **LOC (11) Cl.** ..... **28-03**

(52) **U.S. Cl.**  
USPC ..... **D28/65**

(58) **Field of Classification Search**  
USPC ..... D28/65-68; D24/152  
CPC ..... A61C 15/04  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- D269,194 S \* 5/1983 Butler ..... D21/386
- D523,992 S \* 6/2006 Le ..... A61C 15/02
- D531,812 S \* 11/2006 Jansheski ..... D4/108
- D597,208 S \* 7/2009 Ericsson ..... D24/152
- D598,607 S \* 8/2009 Roemuss ..... D28/65

- D652,572 S \* 1/2012 Moran ..... D28/65
- D688,005 S 8/2013 Marold et al.
- D744,756 S 12/2015 Kato et al.
- D752,221 S 3/2016 Trottier
- D764,103 S 8/2016 Wallström et al.

\* cited by examiner

*Primary Examiner* — Zenia I Bennett

(57) **CLAIM**

The ornamental design for an interdental cleaning device, as shown and described.

**DESCRIPTION**

FIG. 1 is a front right perspective view of an interdental cleaning device according to a first embodiment of the new design;

FIG. 2 is a rear left perspective view thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a rear view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a left side view thereof;

FIG. 7 is an enlarged top view thereof;

FIG. 8 is an enlarged bottom view thereof;

FIG. 9 is a front right perspective view of an interdental cleaning device according to a second embodiment of the new design;

FIG. 10 is a rear left perspective view thereof;

FIG. 11 is a front view thereof;

FIG. 12 is a rear view thereof;

FIG. 13 is a right side view thereof;

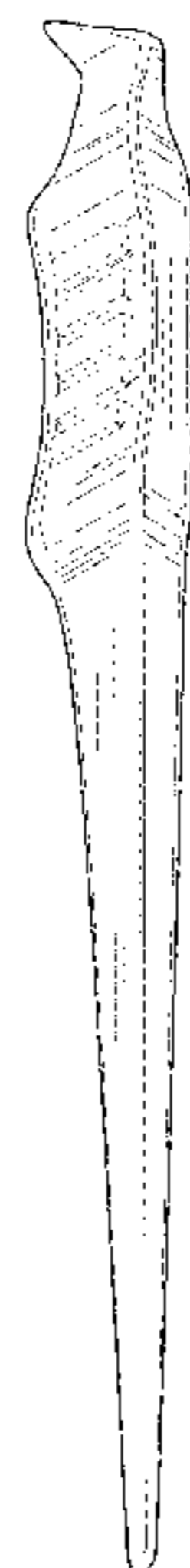
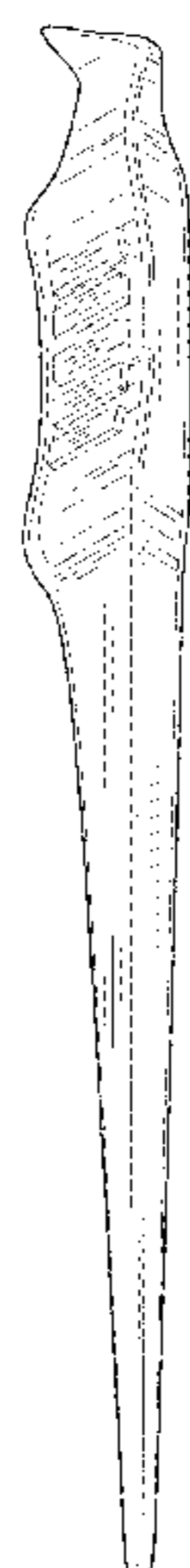
FIG. 14 is a left side view thereof;

FIG. 15 is an enlarged top view thereof; and,

FIG. 16 is an enlarged bottom view thereof.

All broken lines shown in the drawings are for environmental purposes only and form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



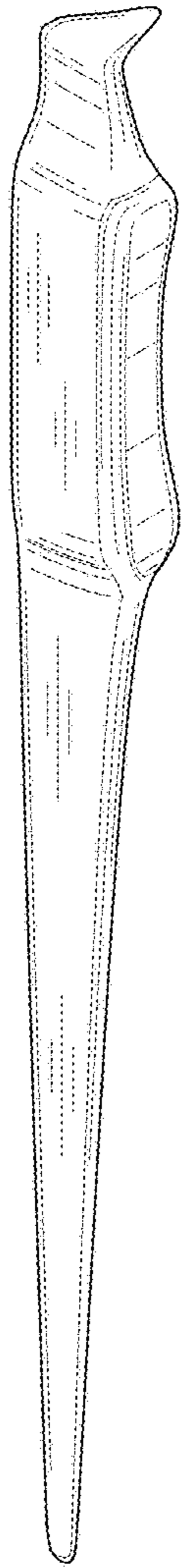


FIG. 1

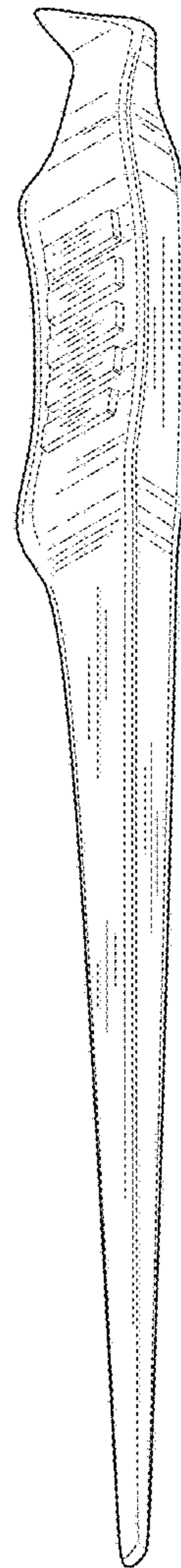


FIG. 2

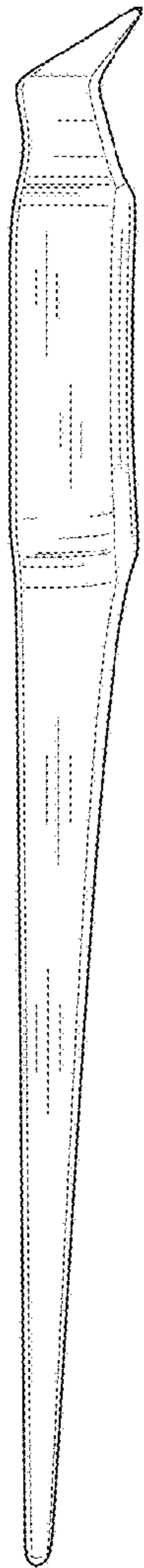


FIG. 3

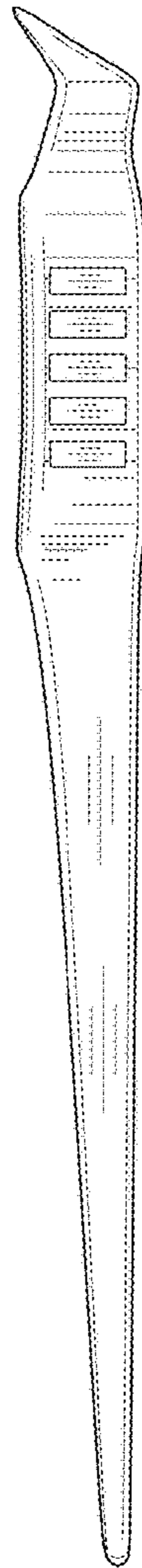


FIG. 4

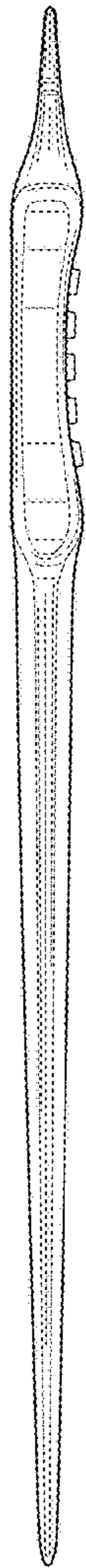


FIG. 5

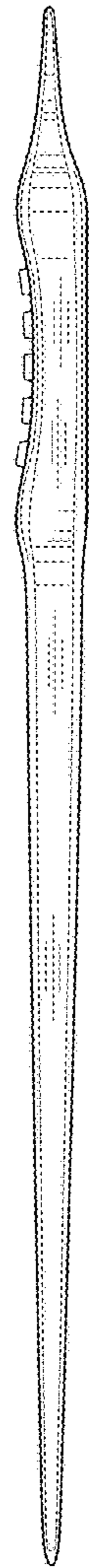


FIG. 6

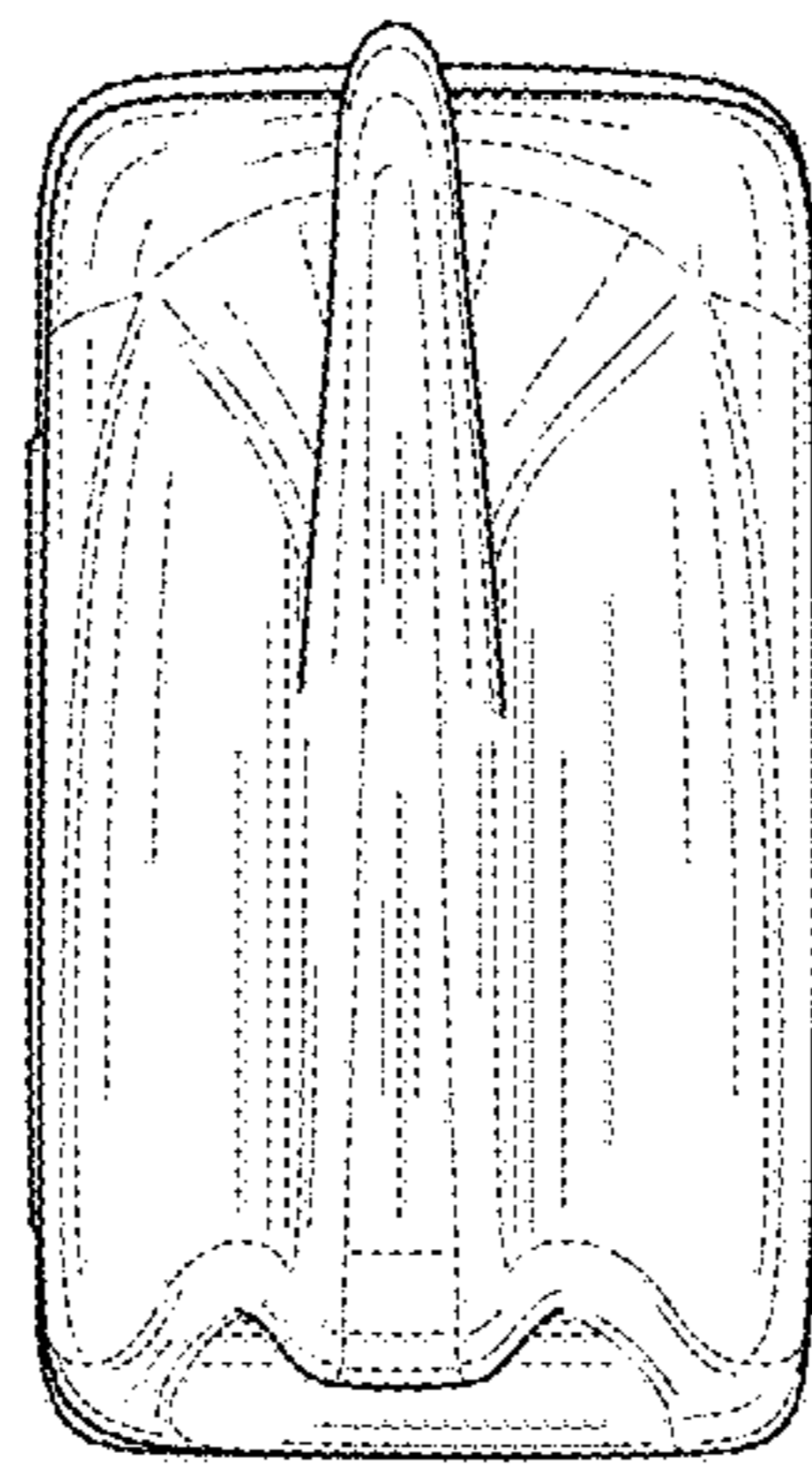


FIG. 7

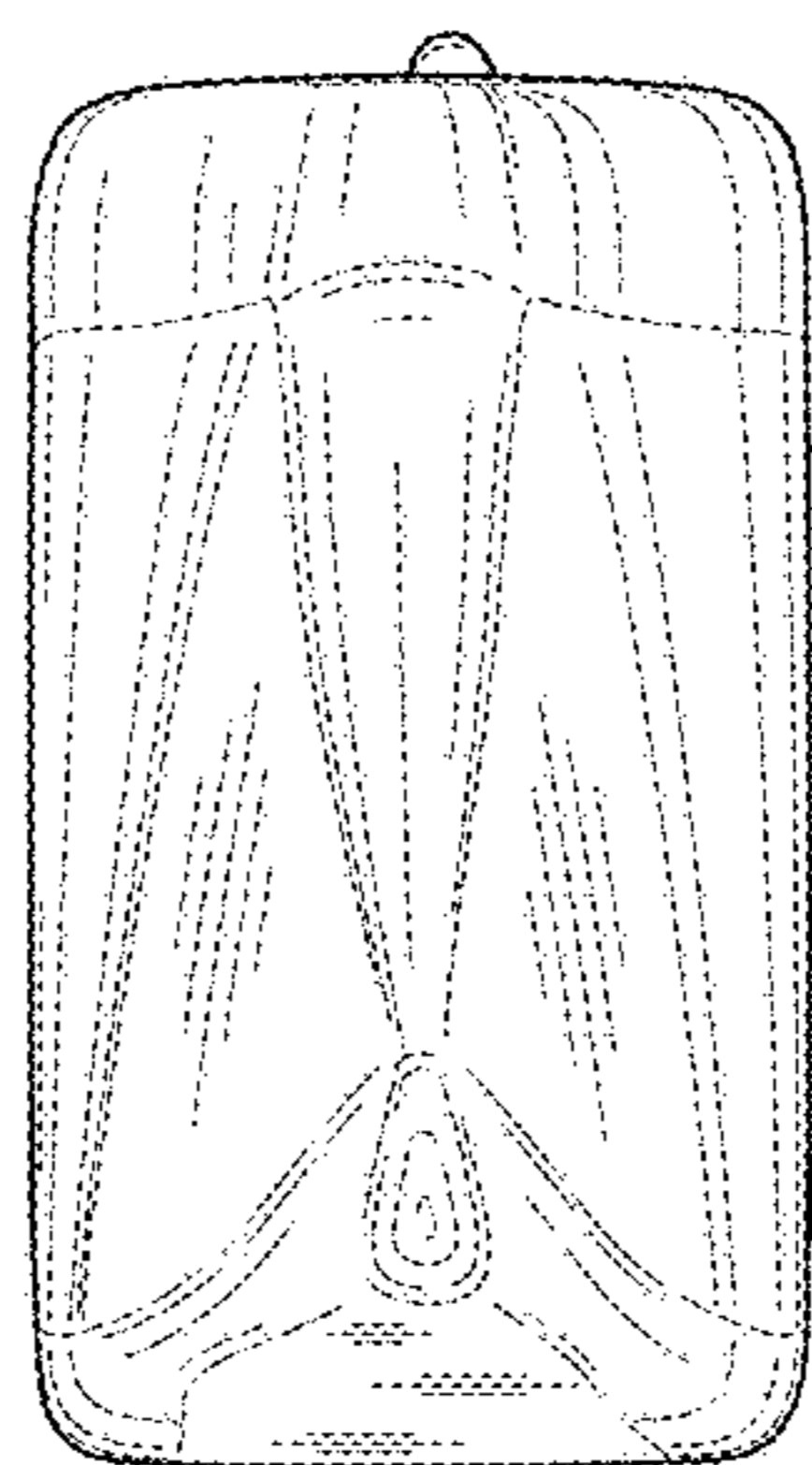


FIG. 8

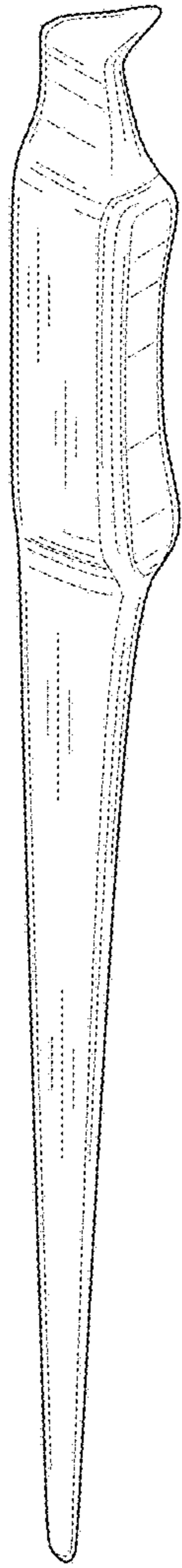


FIG. 9

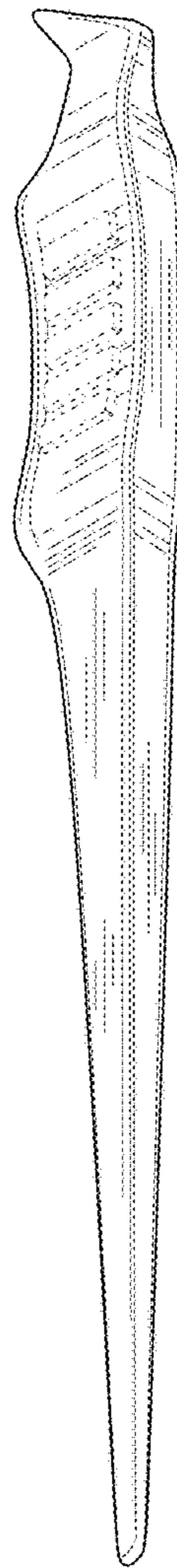


FIG. 10

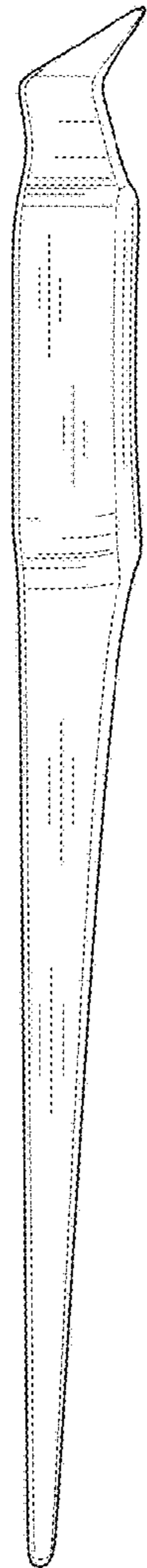


FIG. 11

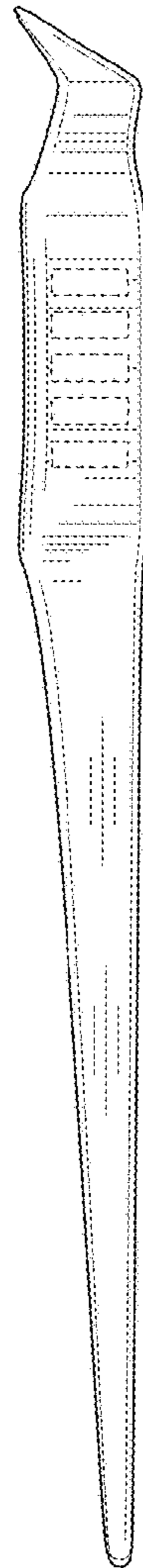


FIG. 12

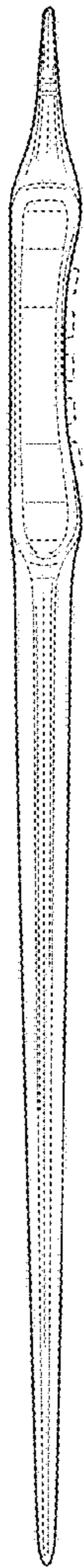


FIG. 13

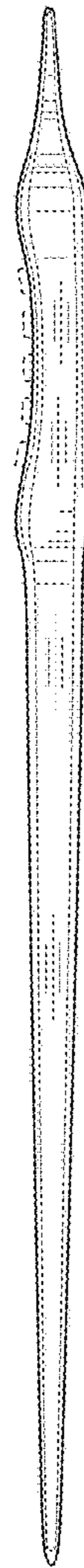


FIG. 14



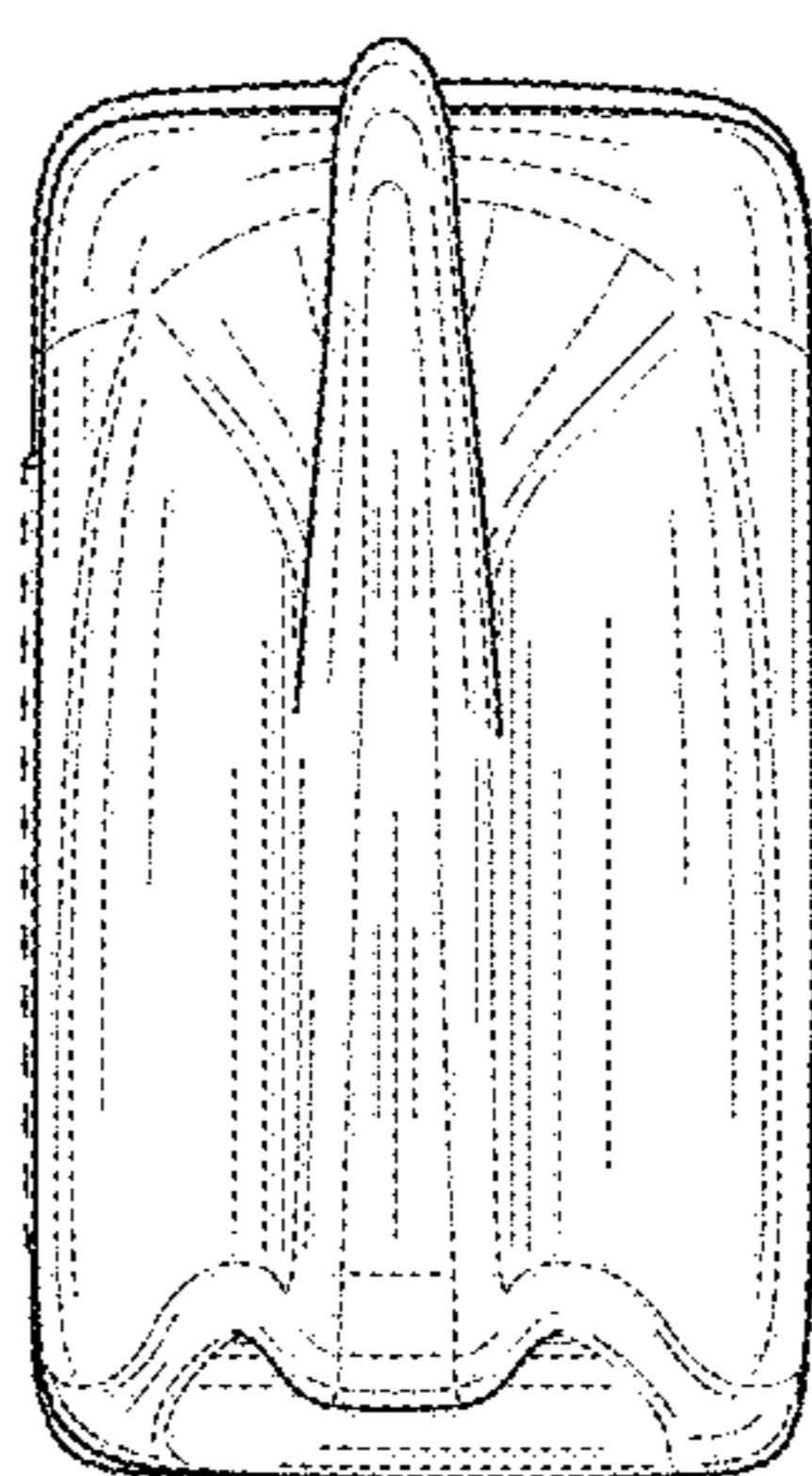


FIG. 15

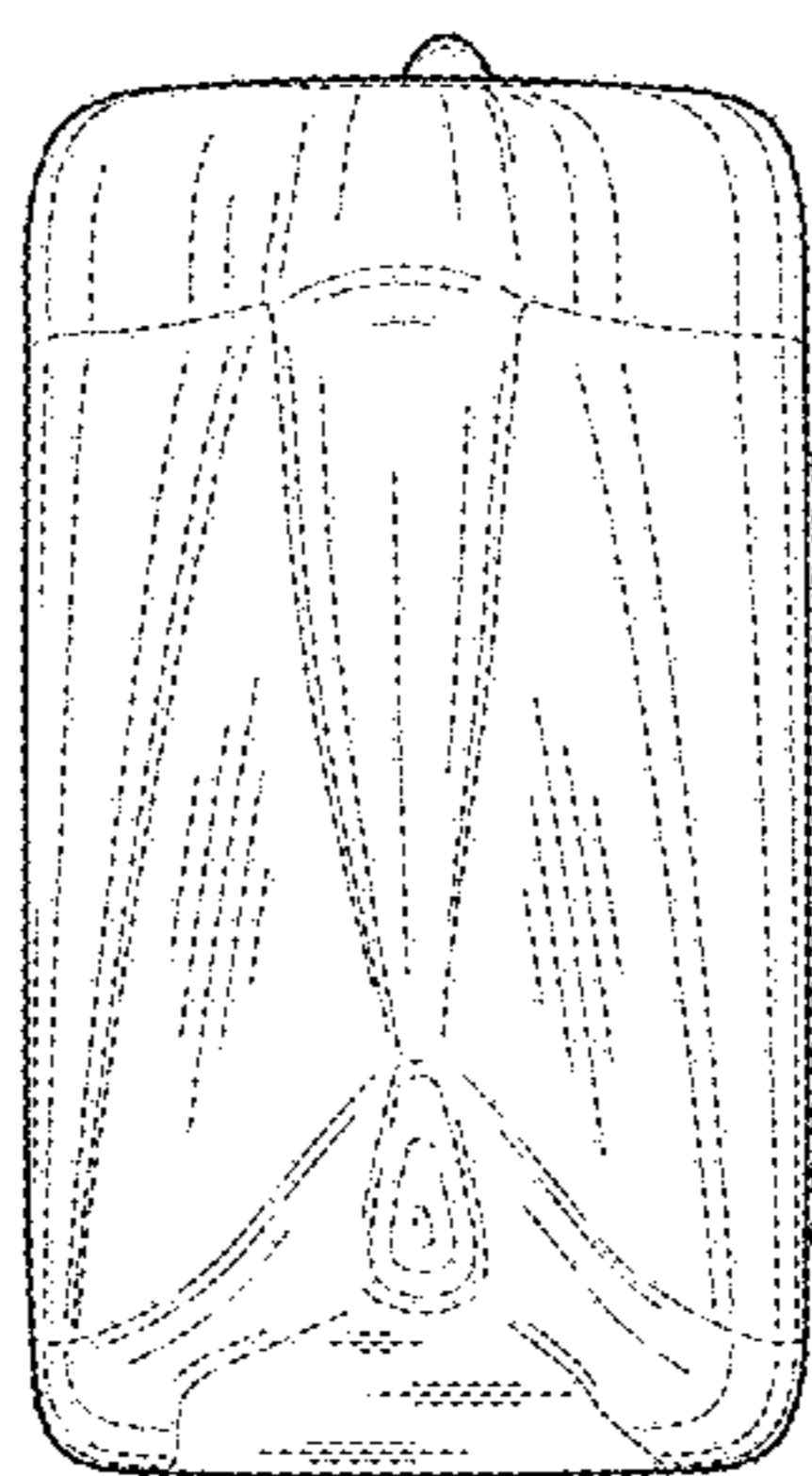


FIG. 16