



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
D28/65
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;

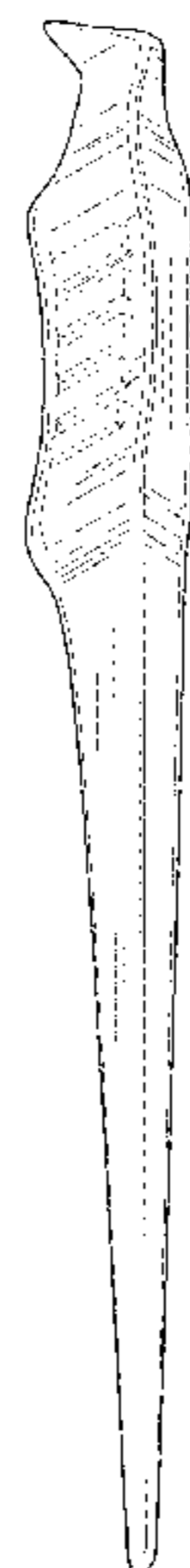
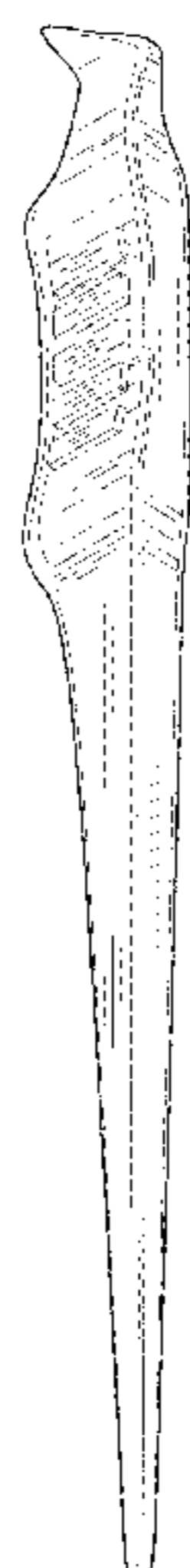
FIG. 14 is a left side view thereof;

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



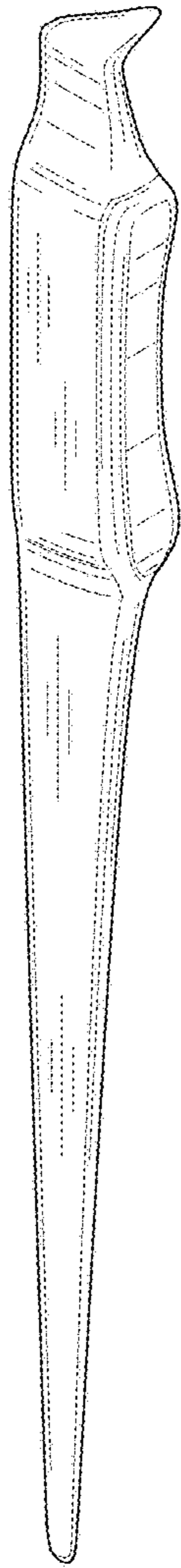


FIG. 1

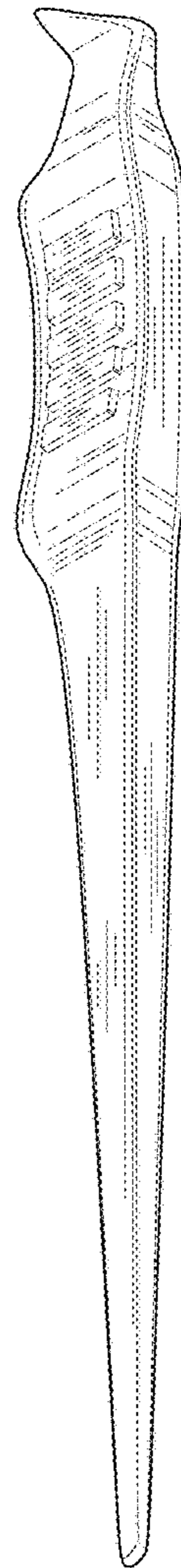


FIG. 2

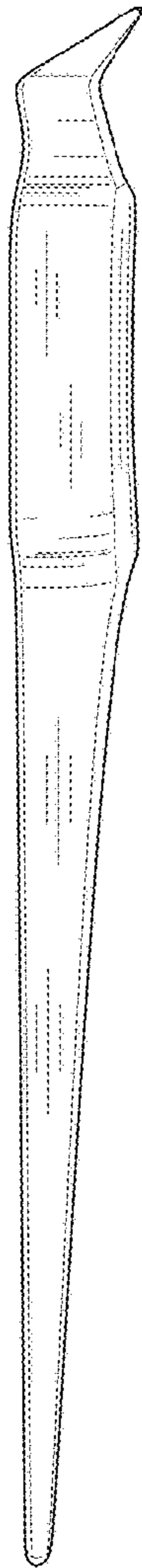


FIG. 3

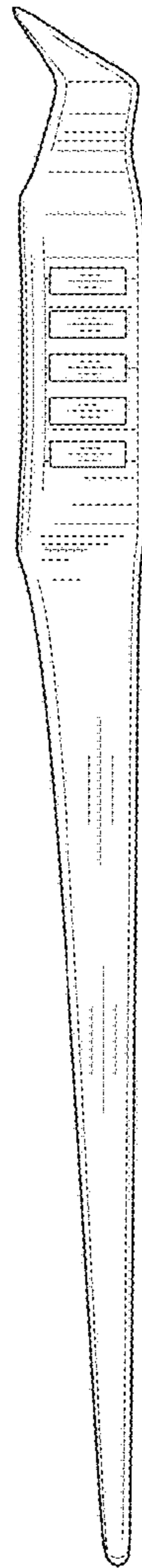


FIG. 4

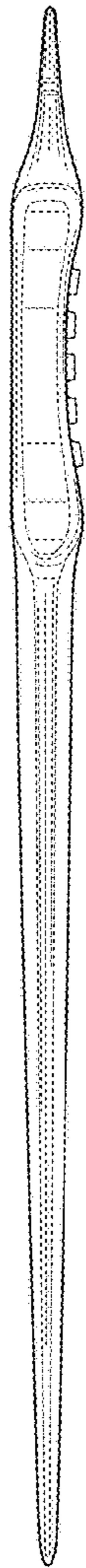


FIG. 5

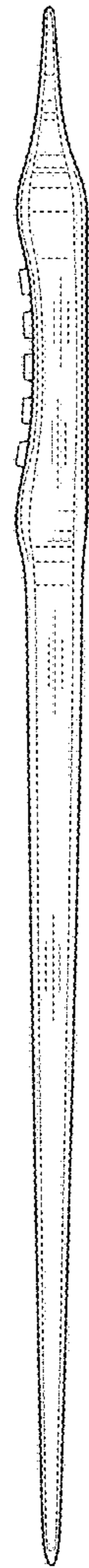


FIG. 6

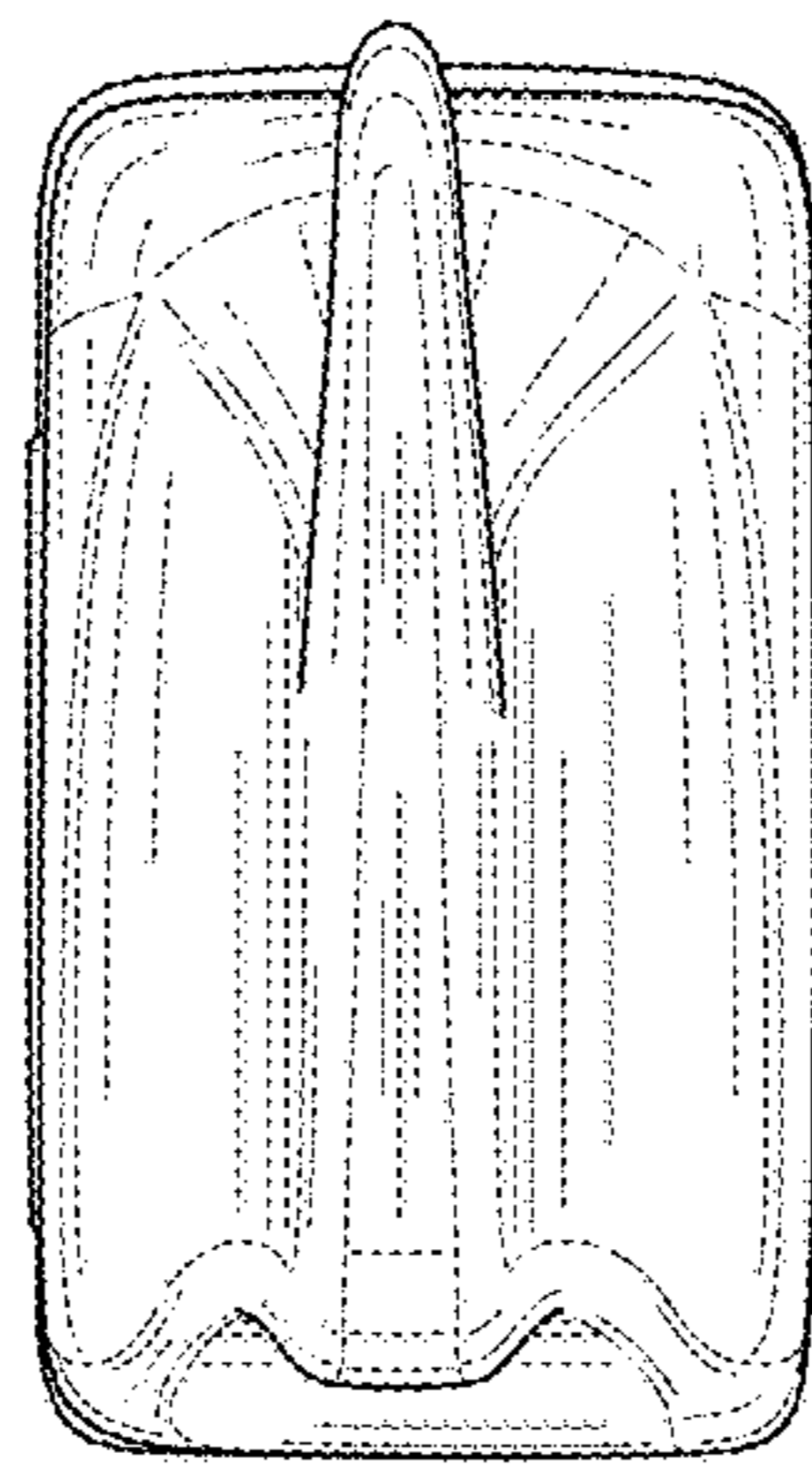


FIG. 7

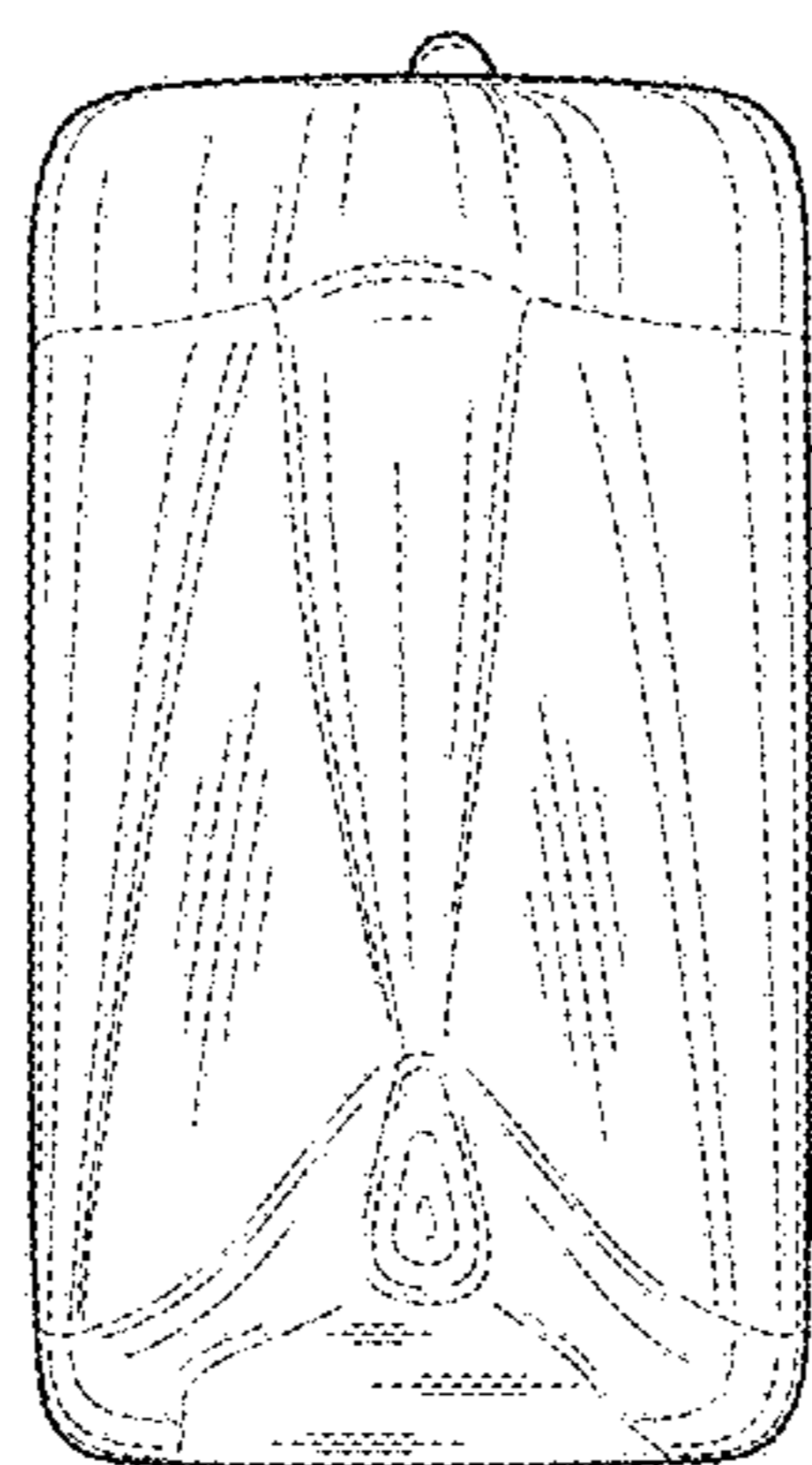


FIG. 8

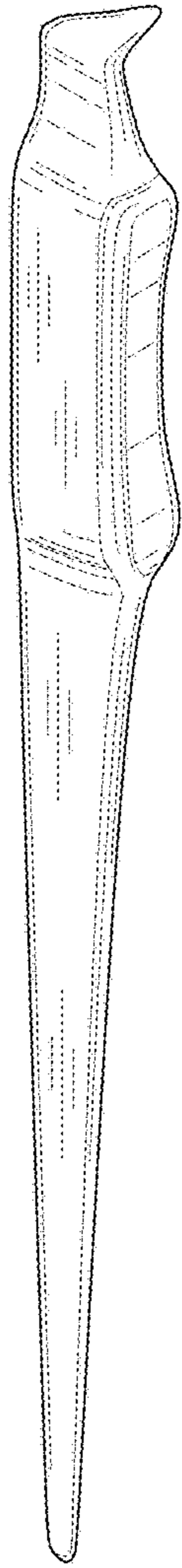


FIG. 9

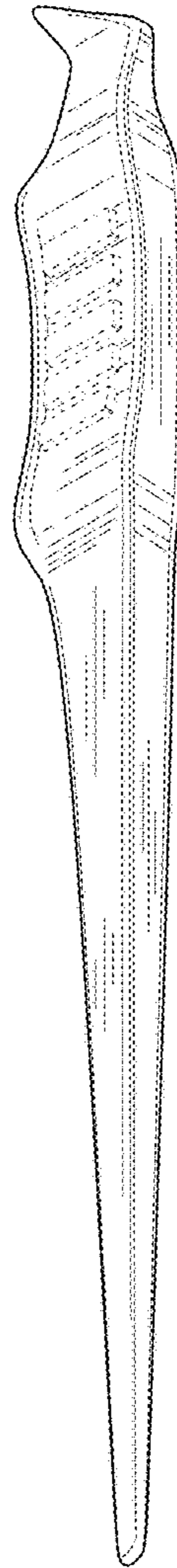


FIG. 10

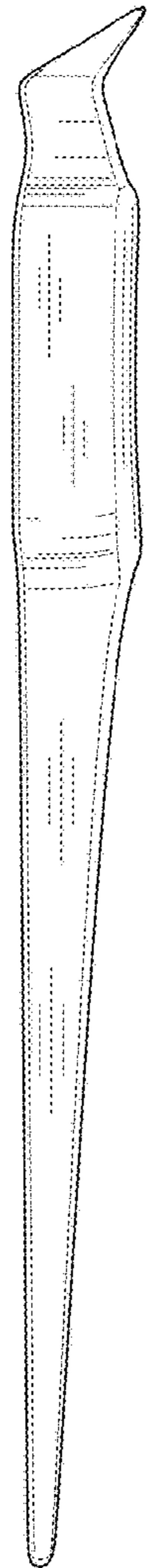


FIG. 11

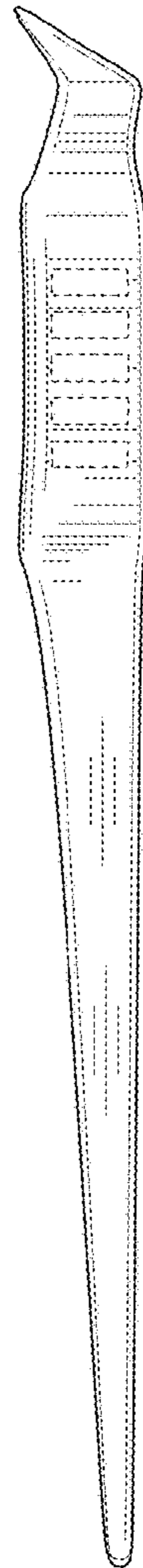


FIG. 12

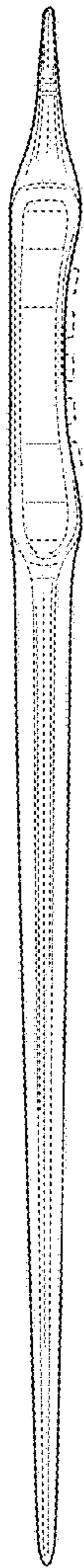


FIG. 13

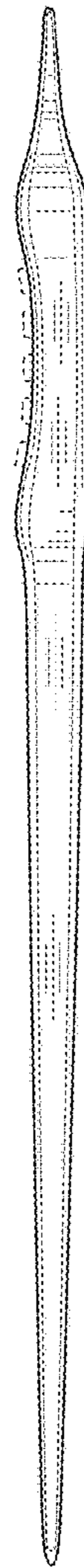


FIG. 14

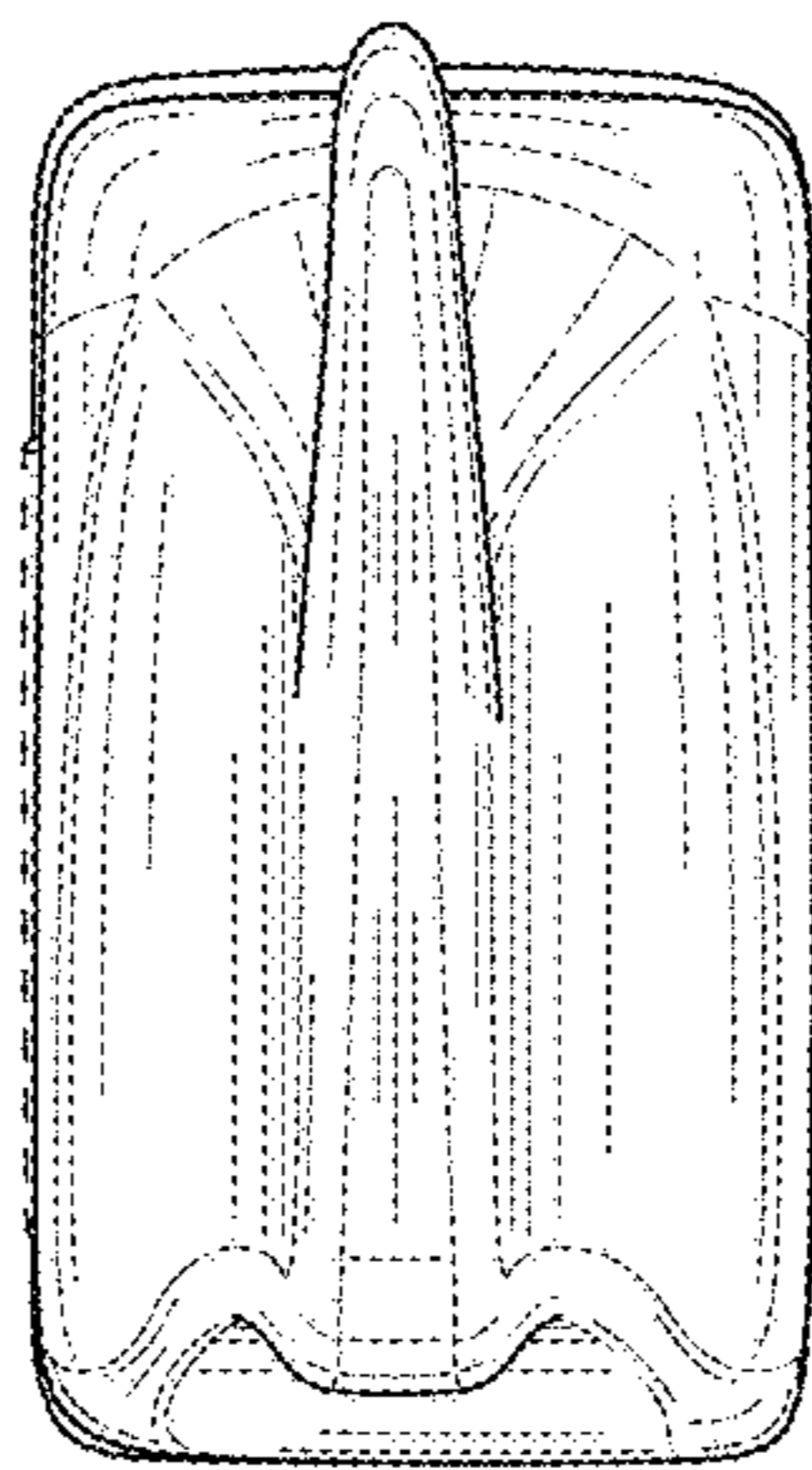


FIG. 15

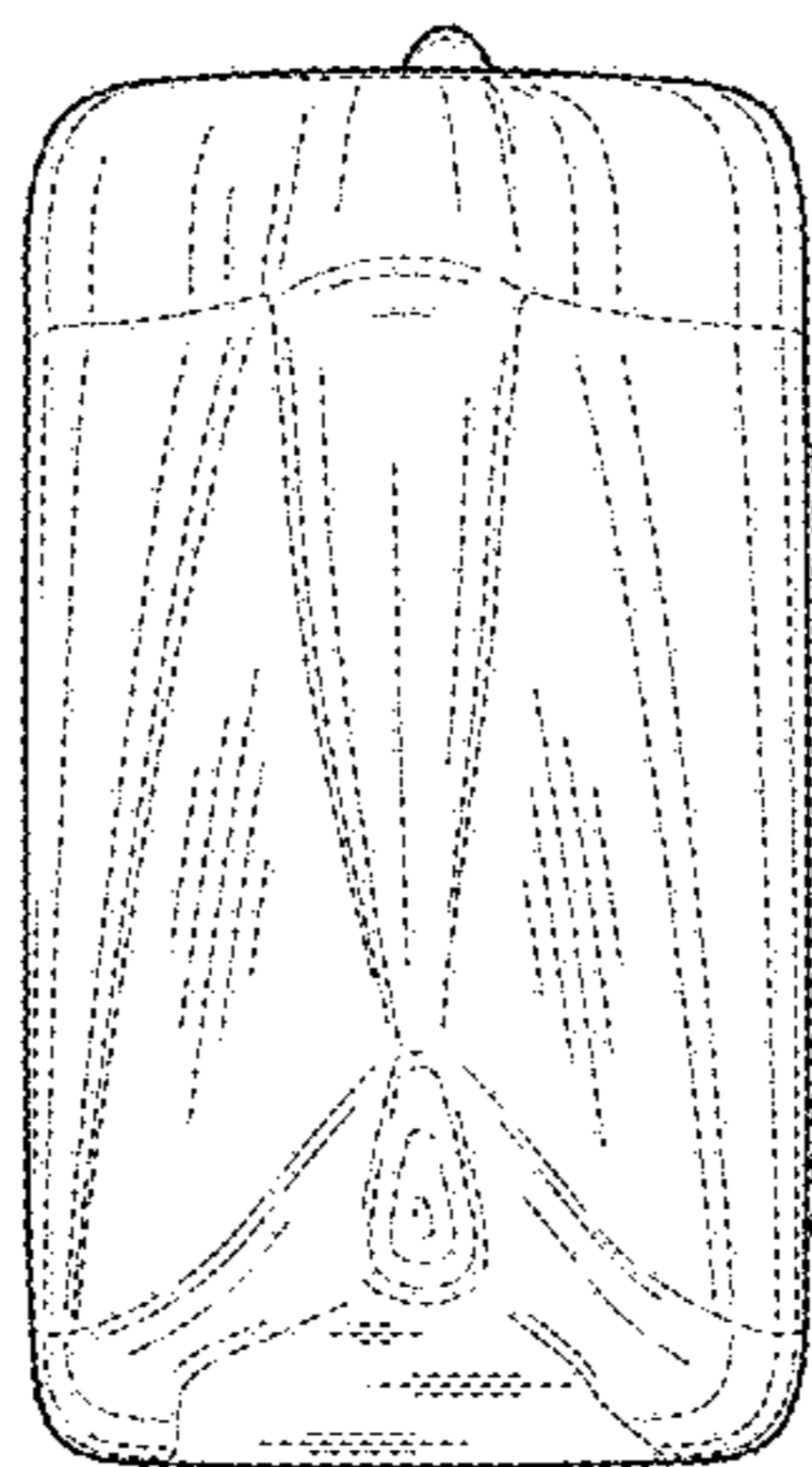


FIG. 16