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(12) **United States Design Patent**
Hayes

(10) **Patent No.:** **US D823,469 S**
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(54) **TOOTH CLEANING APPLIANCE**
(71) Applicant: **CONOPCO INC.**, Englewood Cliffs,
NJ (US)
(72) Inventor: **Rebecca Anne Hayes**, Wirral (GB)

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(73) Assignee: **Conopco Inc.**, Englewood, NJ (US)
(**) Term: **15 Years**

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(21) Appl. No.: **35/501,709**

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Partial Search Report and Provisional Written Opinion in
PCTEP2017057327, dated Jun. 23, 2017 (NPL, pp. 1-10).

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(30) **Foreign Application Priority Data**

Apr. 18, 2016 (EM) 003071976

(51) **LOC (11) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/152**

(58) **Field of Classification Search**
USPC D24/146, 147, 152, 154; D28/65, 66, 68,
D28/73; D4/104
CPC A61C 3/00; A61C 3/005; A61C 17/00;
A61C 17/244; A61H 13/00; A46B
15/0081
See application file for complete search history.

(57) **CLAIM**

The ornamental design for a tooth cleaning appliance, as
shown and described.

DESCRIPTION

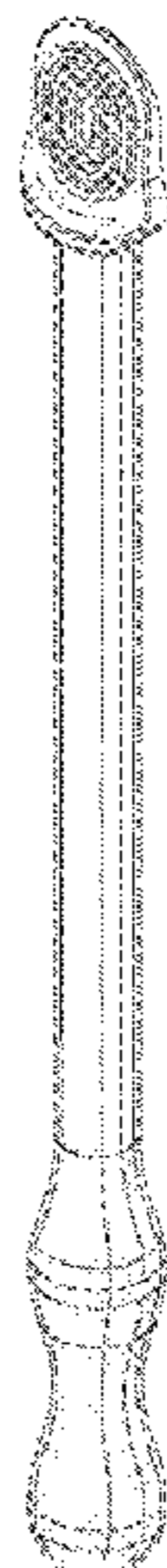
1. Tooth cleaning appliance
1.1 is a front perspective view of my tooth cleaning appli-
ance;
1.2 is a front elevational view of my tooth cleaning appli-
ance;
1.3 is a back elevational view of my tooth cleaning appli-
ance;
1.4 is a left side elevational view of my tooth cleaning
appliance;
1.5 is a right side elevational view of my tooth cleaning
appliance;
1.6 is a top plan view of my tooth cleaning appliance; and,
1.7 is a top plan view of my tooth cleaning appliance.

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1 Claim, 7 Drawing Sheets



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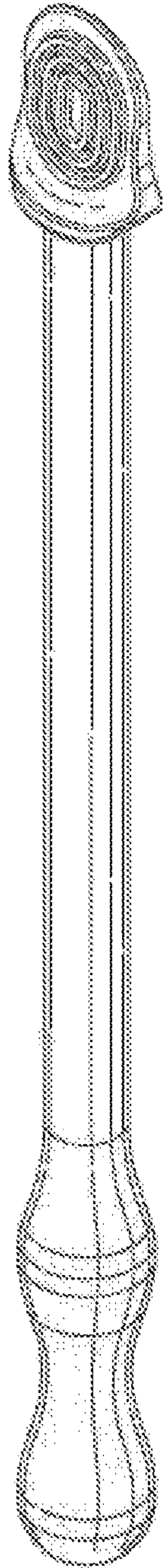


FIG. 1.1

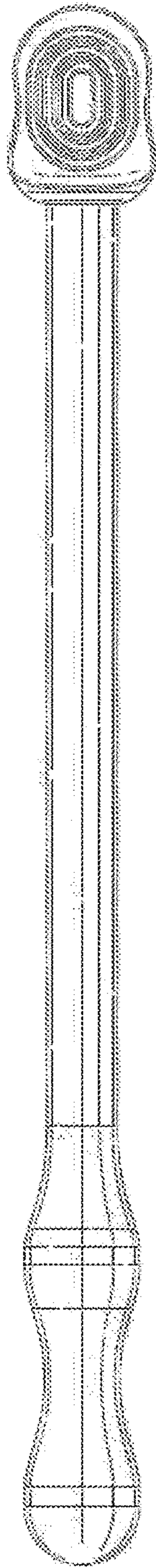


FIG 1.2

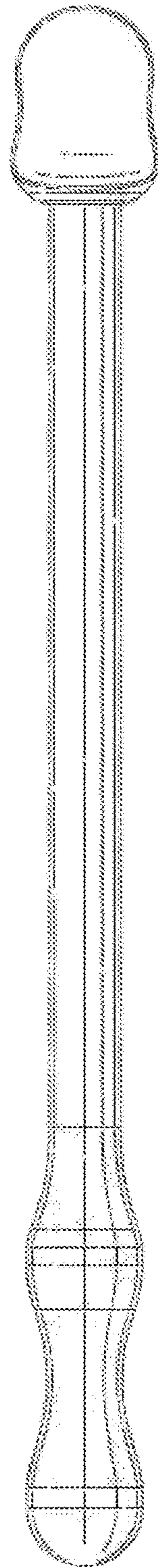


FIG. 1.3

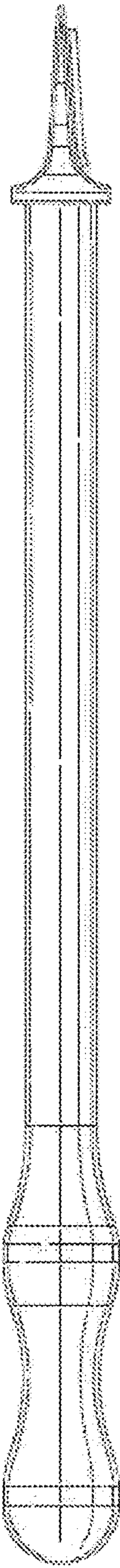


FIG 1.4

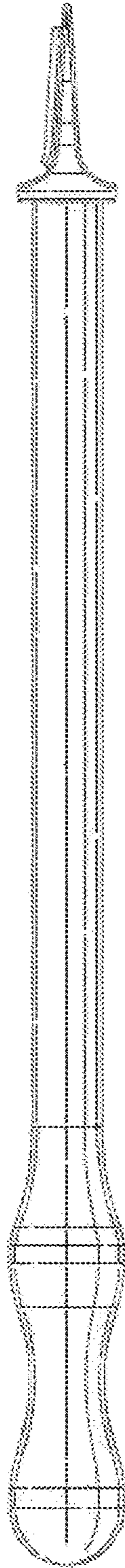


FIG 1.5

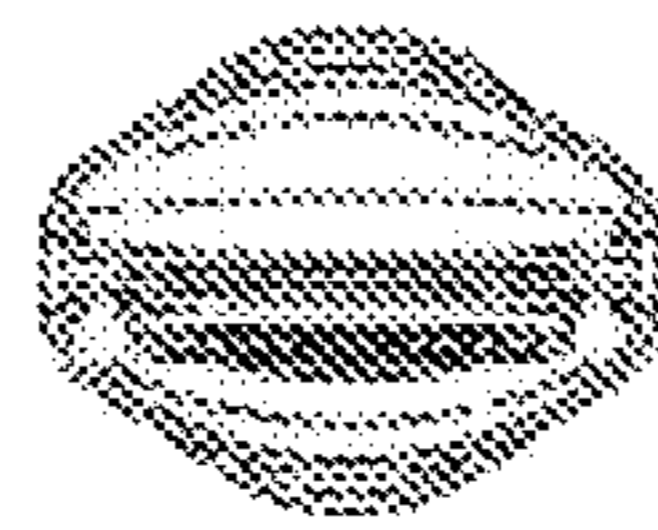


FIG. 1.6

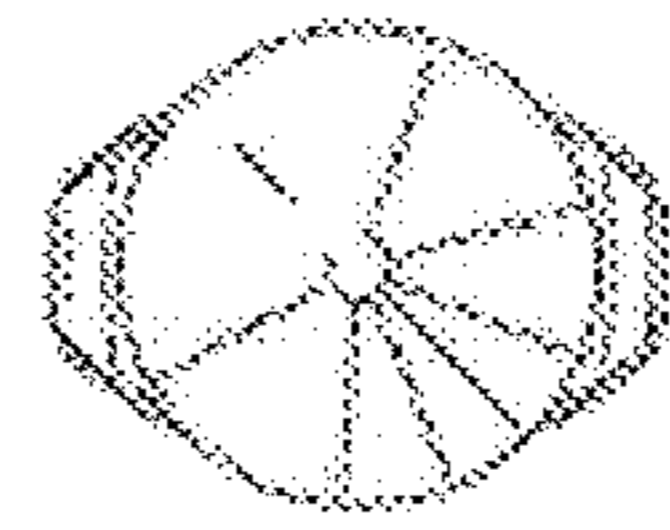


FIG. 1.7