



US00D944987S

(12) **United States Design Patent** (10) **Patent No.:** **US D944,987 S**
Wang (45) **Date of Patent:** **** Mar. 1, 2022**

(54) **EAR CLEANER**
(71) Applicant: **Ningdong Wang**, Ningbo (CN)
(72) Inventor: **Ningdong Wang**, Ningbo (CN)
(**) Term: **15 Years**

D818,589 S * 5/2018 Black D24/147
D927,684 S * 8/2021 Cooper D24/119
2015/0196150 A1* 7/2015 Chang A46B 5/0025
30/122
2020/0268556 A1* 8/2020 Siljkovic A61F 11/006

(21) Appl. No.: **29/762,082**

FOREIGN PATENT DOCUMENTS

CN 305778526 * 9/2019

(22) Filed: **Dec. 15, 2020**

OTHER PUBLICATIONS

(51) **LOC (13) Cl.** **24-02**

(52) **U.S. Cl.**

USPC **D24/147**; D24/119; D24/151

(58) **Field of Classification Search**

USPC D24/100, 105, 107-108, 110-119, 10.5,
D24/127-130, 144-149, 132-135,
D24/137-138, 140-141, 152, 172-174,
D24/176, 185-186, 208, 211, 214-215,
D24/220, 222; D8/98-100, 105, 14, 17,
D8/20, 305, 315-316, 47; D32/45, 51;
600/562, 564, 566-567; 604/1; 606/162

CPC A61B 17/1615; A61B 17/1697; A61B
2018/0231; A61F 13/15; A61F 13/64;
A61F 13/476; A61F 13/5611; A61F
13/4704; A61F 13/38; A61F 13/5616;
A61F 13/4758; A61F 13/472; A61C
19/04; B01L 2300/0825; B01L 3/5023;
B01L 3/5029; C12M 1/30; G01N 33/5302

See application file for complete search history.

Q-Grips Earwax Remover Silicone Ear-Wax-Removal-Tool, first available Jun. 11, 2020, amazon.com, [online], [site visited Oct. 29, 2021], Available from internet URL: https://www.amazon.com/dp/B08BFBJVCF/ref=sspa_dk_detail_1?psc=1&pd_rd_i=B08BFBJVCF&pd_rd_w=kaqUi&pf_rd_p=9fd3ea7c-b77c-42ac-b43%E2%80%A6 (Year: 2020).*

Premium Q Grips Ear Wax Removal Silicone Ear Cleaner, first available Mar. 7, 2021, amazon.com, [online], [site visited Oct. 29, 2021], Available from internet URL: https://www.amazon.com/dp/B08Y7NJZ5G/ref=sspa_dk_detail_4?psc=1&pf_rd_p=9fd3ea7c-b77c-42ac-b43b-c872d3f37c38&pd_rd_wg=GxUrf&pf_rd_wg%E2%80%A6 (Year: 2021).*

(Continued)

Primary Examiner — Samantha Q Lawrence

Assistant Examiner — Holly M Rodriguez

(57) **CLAIM**

The ornamental design for an ear cleaner, as shown and described.

DESCRIPTION

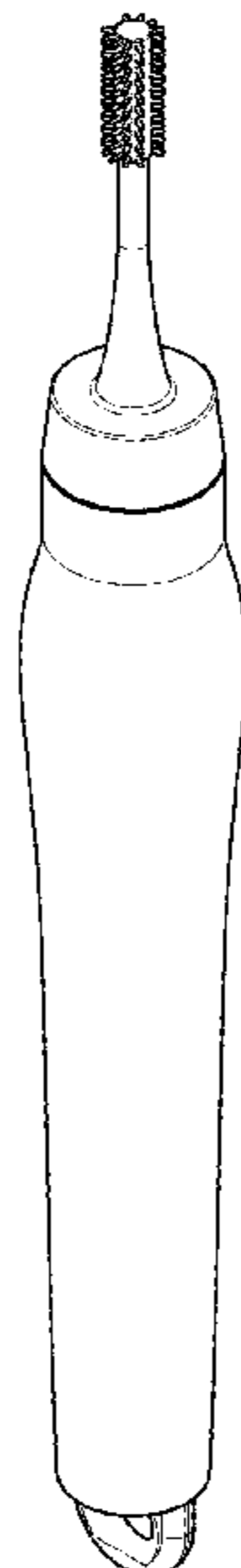
FIG. 1 is a perspective view of an ear cleaner;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a right side elevational view thereof;
FIG. 6 is a top plan view thereof; and,
FIG. 7 is a bottom plan view of the ear cleaner.

1 Claim, 7 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,835,246 A * 5/1958 Boettger A61B 10/0096
600/570
D350,851 S * 9/1994 Spence, Jr. D24/200
6,514,224 B1 * 2/2003 Anaplotis A61B 10/00
206/209
D772,398 S * 11/2016 Triva D24/119
D818,577 S * 5/2018 Melendez D24/119



(56)

References Cited

OTHER PUBLICATIONS

HSAJS Upgraded Ear Wax Cleaners, first available Apr. 8, 2021, amazon.co.uk, [online], [site visited Oct. 29, 2021], Available from internet URL: https://www.amazon.co.uk/dp/B0922FWF1M/ref=sspa_dk_detail_1?pd_rd_w=3qjXX&pf_rd_p=828203ef-618e-4303-a028-460d6b615038&pd_rd_wg=pyeif&pf_rd_r=4DXYFEAVQF99RD76SHG (Year: 2021).*

Utoy Earwax Removal Tools, first available Jan. 16, 2021, amazon.com, [online], [site visited Oct. 29, 2021], Available from internet URL: https://www.amazon.com/dp/B08T79MY7F/ref=sspa_dk_detail_2?psc=1 (Year: 2021).*

* cited by examiner

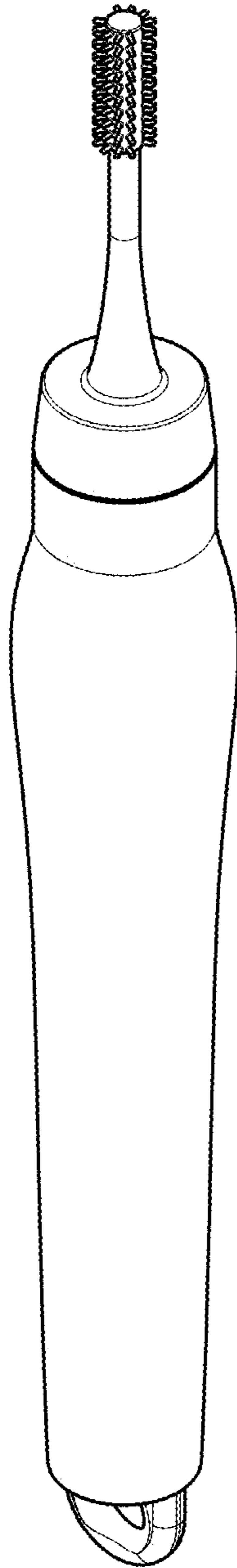


FIG. 1

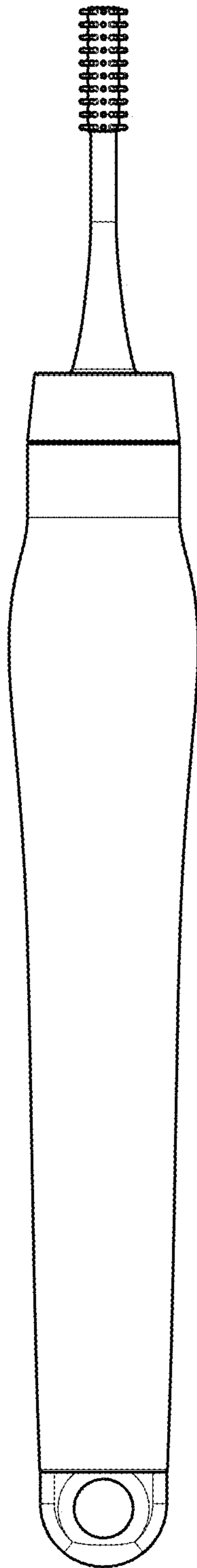


FIG.2

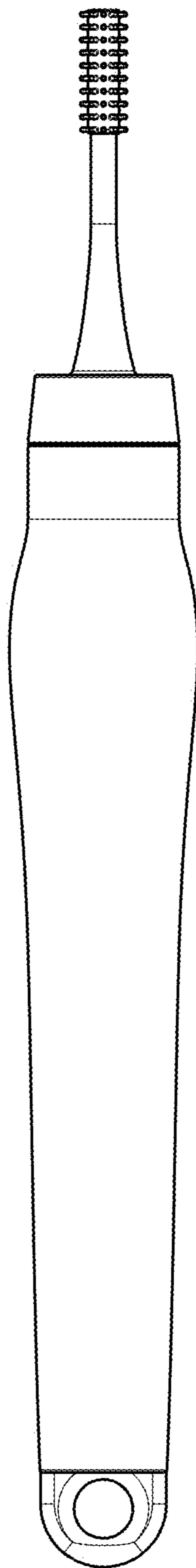


FIG.3

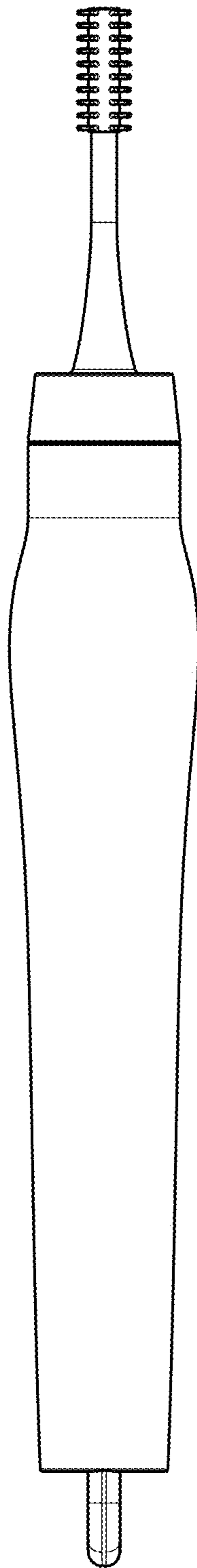


FIG.4

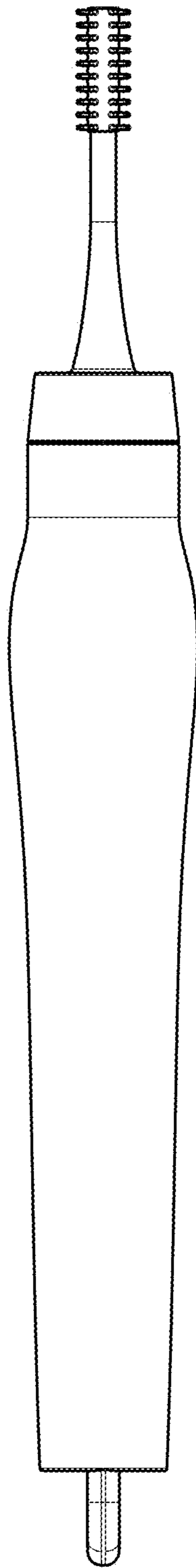


FIG.5

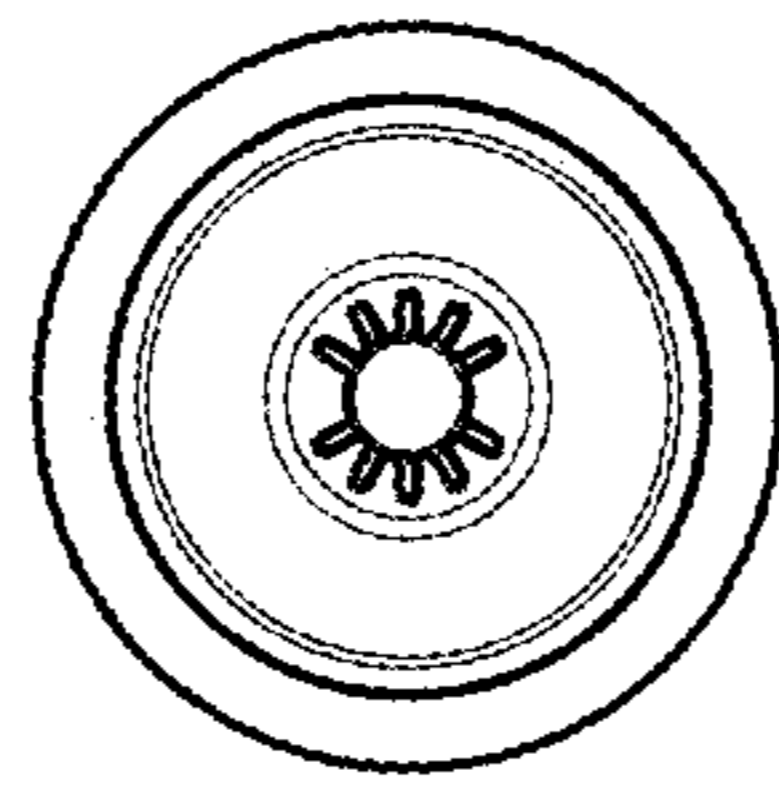


FIG.6

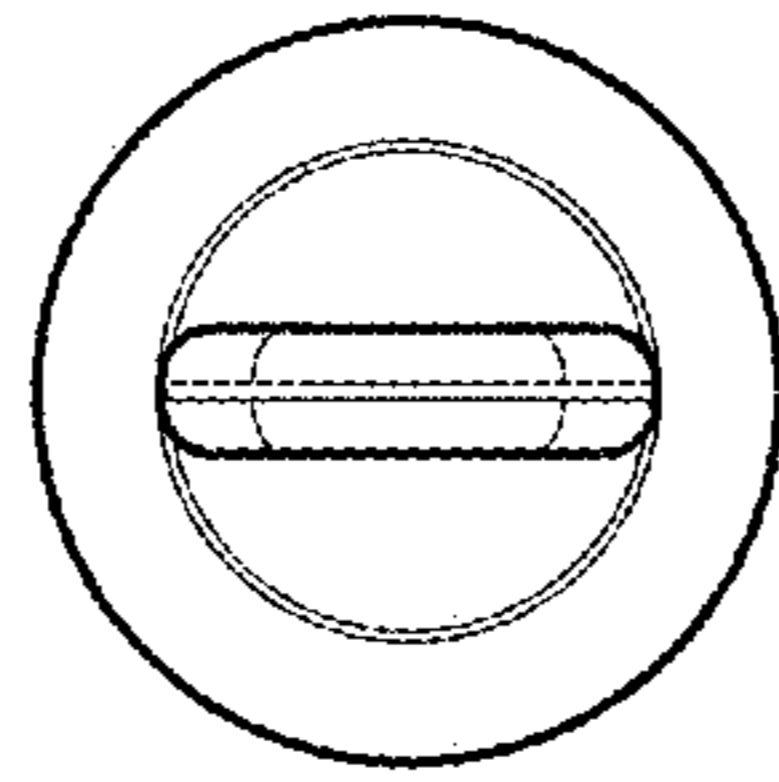


FIG.7