



US00D784555S

(12) **United States Design Patent** (10) **Patent No.:** **US D784,555 S**
Gilligan et al. (45) **Date of Patent:** **** Apr. 18, 2017**

(54) **STORAGE CANE**
(71) Applicant: **Inguran, LLC**, Navasota, TX (US)
(72) Inventors: **Thomas Boyd Gilligan**, College Station, TX (US); **Sam Hogue**, Lufkin, TX (US)

7,887,758 B2 * 2/2011 Ostgaard B01L 3/50825
422/509
D640,795 S * 6/2011 Jackson D24/216
D659,848 S * 5/2012 TerMaat D24/224
8,372,633 B2 * 2/2013 Clairaz A01N 1/02
435/307.1
D690,025 S * 9/2013 TerMaat D24/224
8,550,273 B2 * 10/2013 Levin B01L 3/5082
422/550

(73) Assignee: **Inguran, LLC**, Navasota, TX (US)

(Continued)

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

OTHER PUBLICATIONS

(21) Appl. No.: **29/507,799**

(22) Filed: **Oct. 30, 2014**

(51) **LOC (10) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/227**

(58) **Field of Classification Search**
USPC D24/216, 222, 224–232, 127–128, 115;
220/375, 501, 1.5, 560.04; 435/2, 307.1,
435/374; 606/20–26; D3/203.1;
422/403, 408, 63, 65, 509, 119, 550;
62/51.1, 457.9; 604/319
CPC A61B 5/1405; A61B 18/02; A01N 1/02;
A01N 1/0268; A01N 1/0257; B01L
3/50825; B01L 3/5082; B60K 15/0406;
A61M 1/0001; G01N 35/10
See application file for complete search history.

Cane for Cryovial Tubes seen on the “Canemco and Marivac” online catalog website located at <http://www.canemco.com/product-catalog/cryo-accessories/18-products/58-cryo-vials-accessories>. Located online Jul. 2016.*
Nalgene Cryocan seen on the “supplymylab” online catalog website located at http://www.supplymylab.com/Supplies/Cryogenic-Storage-Containers/_/NALGENE-CRYOCANE?q=5015-0002&gclid=CPjA_b2uo84CFQmQaQdc5wAjw. Located online Jul. 2016.*
ABS Global, Inc. Storage Cane for Semen; Photos, dated Oct. 23, 2014, 7 total photos.

(Continued)

Primary Examiner — Ian Simmons
Assistant Examiner — Mark Cavanna
(74) *Attorney, Agent, or Firm* — Craig R. Miles; CR Miles P.C.

(56) **References Cited**

U.S. PATENT DOCUMENTS

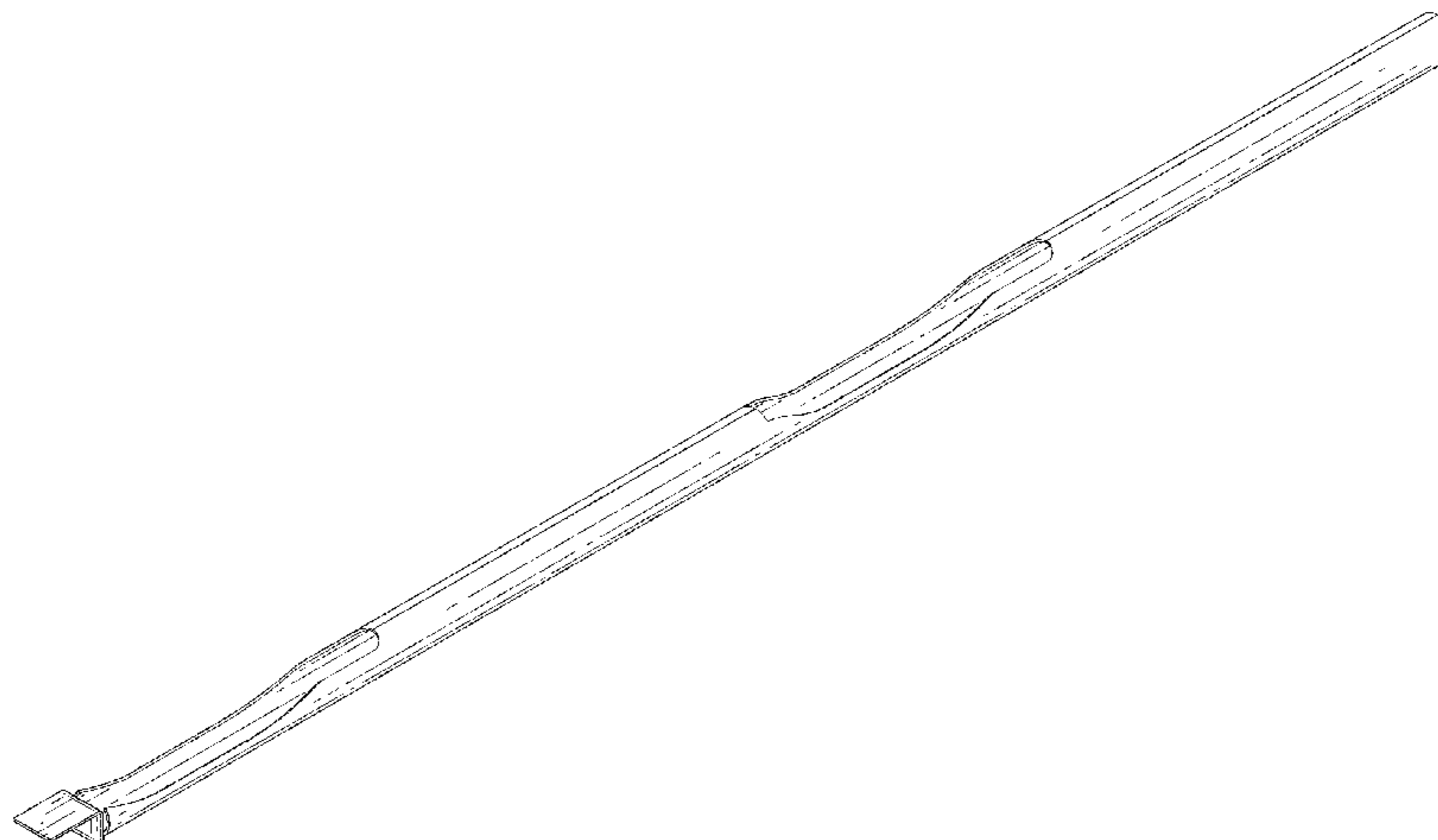
3,151,760 A * 10/1964 Cowley A61B 5/1405
62/457.9
3,743,104 A 7/1973 Peterson
D310,264 S * 8/1990 Leoncavallo D24/224
5,190,880 A * 3/1993 Cassou A01N 1/02
422/408
D344,804 S * 3/1994 Muniz D24/115
5,545,562 A * 8/1996 Cassou A01N 1/0268
422/119
D447,812 S * 9/2001 Conway D24/216
D574,507 S * 8/2008 Muir D24/224
D588,797 S * 3/2009 Tanghoej D3/203.1
D614,396 S * 4/2010 Tanghoej D3/203.1

(57) **CLAIM**
We claim the ornamental design for a storage cane, as shown and described herein.

DESCRIPTION

FIG. 1 is a top and left side perspective of a storage cane embodying our new design;
FIG. 2 is a left side elevation view thereof;
FIG. 3 is a right side elevation view thereof;
FIG. 4 is an enlarged bottom plan view thereof;
FIG. 5 is an enlarged top plan view thereof;
FIG. 6 is a front elevation view thereof; and,
FIG. 7 is a rear elevation view thereof.

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D727,527 S * 4/2015 Tao D24/222
D753,289 S * 4/2016 Shimon D24/112
D753,290 S * 4/2016 Shimon D24/112
2010/0196873 A1* 8/2010 Woods A01N 1/02
435/307.1
2011/0120148 A1* 5/2011 Yoshimura A01N 1/0257
62/51.1
2011/0275153 A1* 11/2011 Butler A01N 1/0268
435/374
2014/0158695 A1* 6/2014 Jimenez-Rios A01N 1/0268
220/560.04
2014/0308655 A1* 10/2014 Mogas A01N 1/0268
435/2

OTHER PUBLICATIONS

Animal Reproduction Systems. Canes and Goblets; On-line Catalog, <http://www.arssales.com>, originally downloaded Oct. 7, 2014, 1 page.

Brooklyn Tools, Inc. Cryo Canes; On-line Catalog, <http://www.brooklyn.com>, originally downloaded Oct. 7, 2014, 2 total pages.

Brooklyn Tools, Inc. Cryogenic Products, Cryo Canes; On-line Catalog, <http://www.brooklyn.com>, originally downloaded Oct. 7, 2014, 2 total pages.

Semen tanks.com. Canes; On-line Catalog, <http://store.sementanks.com>, originally downloaded Oct. 7, 2014, 2 total pages.

Select Reproductive Solutions. Handling of Frozen Semen Straws; Manual, <http://www.selectsires.com>, originally downloaded Oct. 7, 2014, 6 total pages.

* cited by examiner

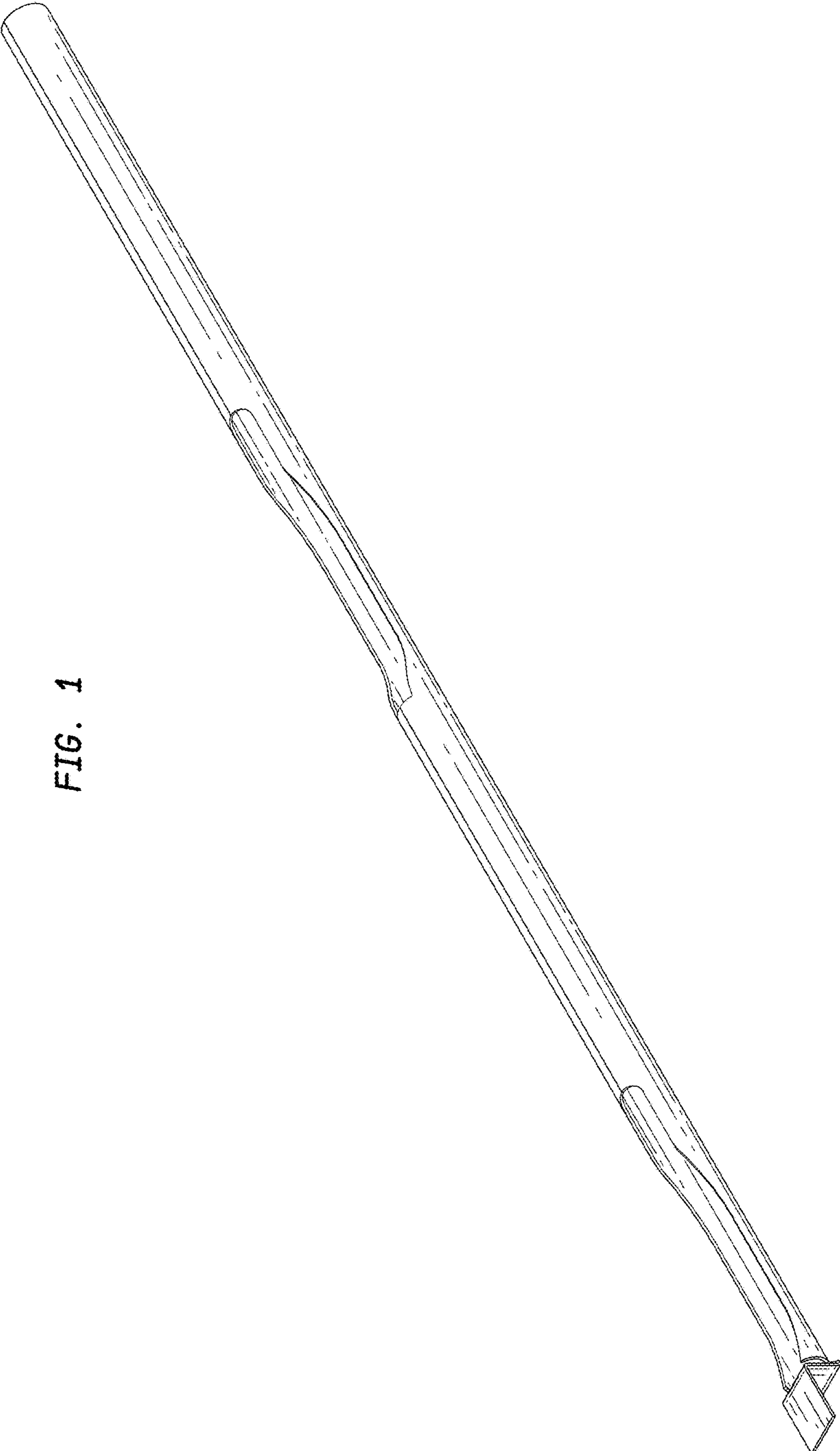


FIG. 1

FIG. 2



FIG. 3

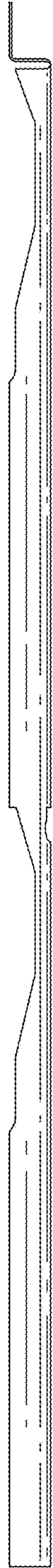


FIG. 4

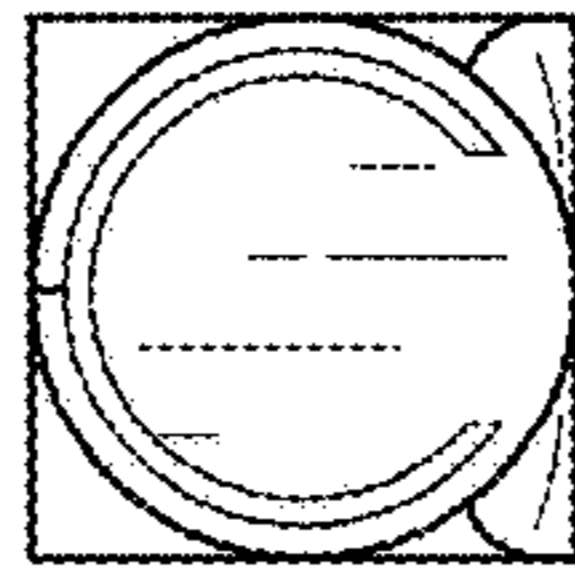


FIG. 5

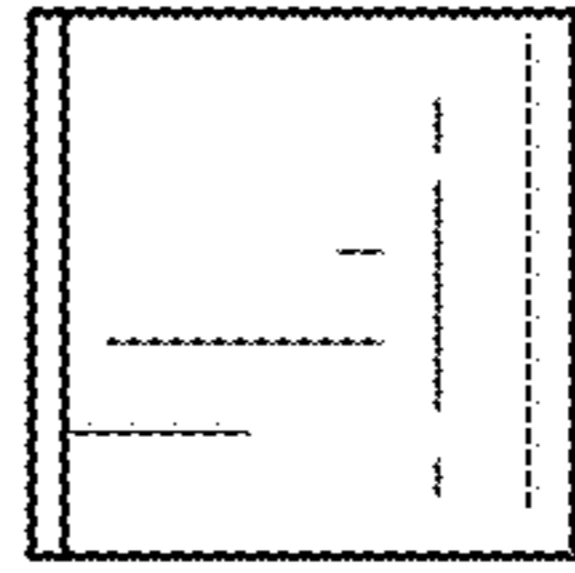


FIG. 6

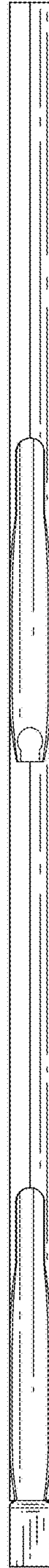


FIG. 7

