



US0D1033046S

(12)

United States Design Patent

Harden et al.

(10)

Patent No.:

US D1,033,046 S

(45)

Date of Patent:

** Jul. 2, 2024

(54) FOLDING CANE

(71) Applicant: Whipsaw, Inc., San Jose, CA (US)

(72) Inventors: Daniel Kendall Harden, Carmel by the Sea, CA (US); Wei Gu, Daly City, CA (US)

(73) Assignee: Whipsaw, Inc., San Francisco, CA (US)

(**) Term: 15 Years

(21) Appl. No.: 29/813,407

(22) Filed: Oct. 28, 2021

(51) LOC (14) Cl. 03-03

(52) U.S. Cl. D3/7

(58) Field of Classification Search

USPC D3/7, 8, 10; D12/130, 133; D24/155; D21/420, 421, 422

(Continued)

(56) References Cited

U.S. PATENT DOCUMENTS

1,396,372 A * 11/1921 Kutwicz A45B 19/08 135/65

D113,534 S 2/1939 Bodkin

(Continued)

FOREIGN PATENT DOCUMENTS

GB 6074872 * 10/2019

JP 3156004 U 12/2009

(Continued)

OTHER PUBLICATIONS

Amazon.ca, Site visited Oct. 31, 2023, Carex Soft Grip Folding Cane, Date first available, May 3, 2012, <https://www.amazon.ca/Carex-Soft-Grip-Folding-Black/dp/B001AFD2Z4> (Year: 2012).*

(Continued)

Primary Examiner — Brett Miller

Assistant Examiner — Jessica M Gebhart

(74) Attorney, Agent, or Firm — Jacobsen IP Law; Krista S. Jacobsen

(57) CLAIM

The ornamental design for a folding cane, as shown and described.

DESCRIPTION

FIG. 1 is a right-rear perspective view of the folding cane, showing the new design in the extended position;

FIG. 2 is a front view of the folding cane in the extended position;

FIG. 3 is a rear view of the folding cane in the extended position;

FIG. 4 is a right view of the folding cane in the extended position;

FIG. 5 is a left view of the folding cane in the extended position;

FIG. 6 is a top view of the folding cane in the extended position;

FIG. 7 is a bottom view of the folding cane in the extended position;

FIG. 8 is a right-front perspective view of the folding cane, showing the new design in the folded position;

FIG. 9 is a front view of the folding cane in the folded position;

FIG. 10 is a rear view of the folding cane in the folded position;

FIG. 11 is a right view of the folding cane in the folded position;

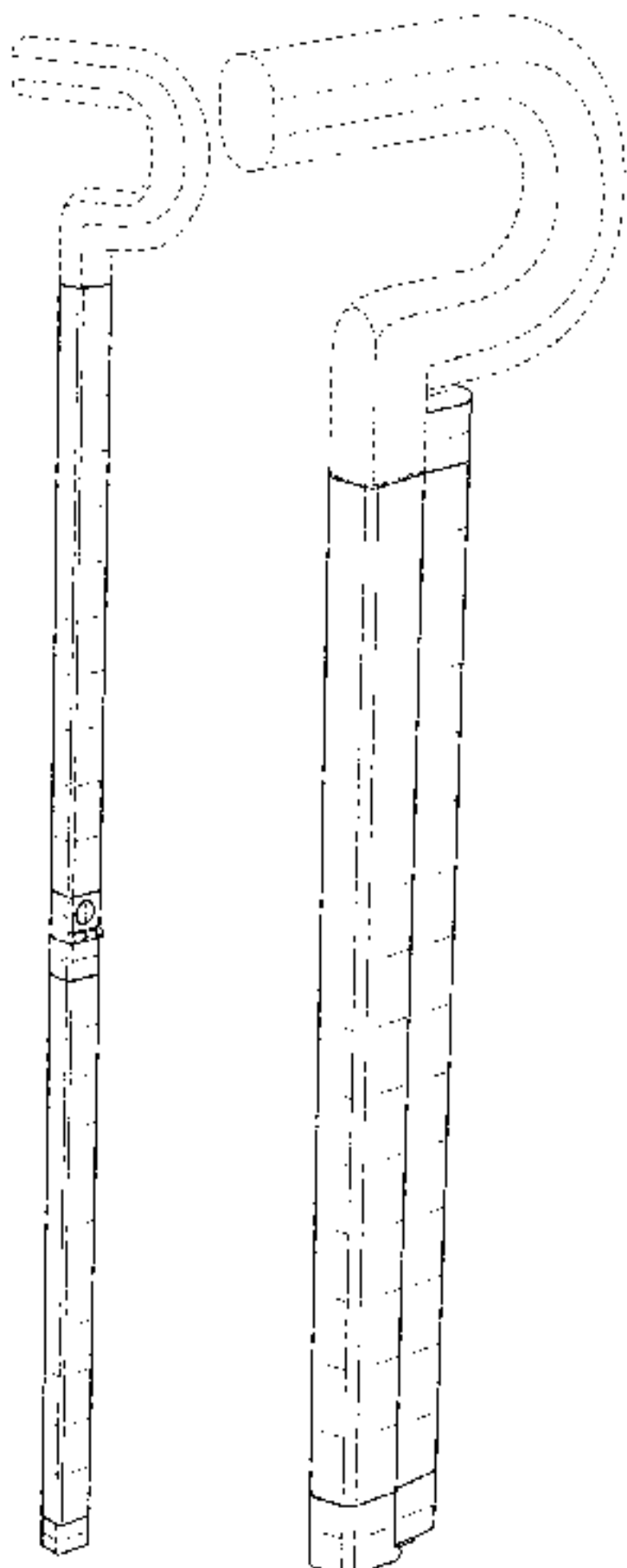
FIG. 12 is a left view of the folding cane in the folded position;

FIG. 13 is a top view of the folding cane in the folded position; and,

FIG. 14 is a bottom view of the folding cane in the folded position.

Surface lines are used in the drawings. The surface lines are not to be understood as conveying a particular material or surface finish for any part of the folding cane.

(Continued)



The broken lines in the drawings depict portions of the article that form no part of the claimed design.

1 Claim, 8 Drawing Sheets

(58) Field of Classification Search

CPC .. A45B 7/005; A45B 9/02; A45B 5/00; A45B 9/04; A45B 9/00; A45B 7/00; A45B 19/08; A61F 2/66; A61F 2/78; A61H 3/02; A61H 3/0288; B25G 1/00; A47C 9/105; A47C 4/04; F41B 15/02
See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D535,814 S * 1/2007 Siteman F41B 15/02 D3/7
D555,350 S 11/2007 Graves et al.
D650,167 S 12/2011 Goldwasser et al.
D745,260 S 12/2015 Kosuge
D811,720 S 3/2018 Crowhurst
D860,627 S * 9/2019 Ritter D3/7

D876,810 S 3/2020 AlGhazi et al.
D892,489 S * 8/2020 Ritter D3/7
10,729,213 B2 * 8/2020 FitzPatrick A45B 9/00
10,863,803 B2 * 12/2020 Strum A45B 9/04
D930,969 S * 9/2021 FitzPatrick D3/7
11,140,955 B2 10/2021 Hu
2019/0208874 A1 * 7/2019 Ritter A45B 9/02
2019/0298015 A1 * 10/2019 FitzPatrick A45B 7/00
2020/0008545 A1 * 1/2020 Strum A45B 9/02

FOREIGN PATENT DOCUMENTS

JP 5800210 B1 10/2015
JP 2017192599 A 10/2017
JP 3221636 U 6/2019
TW 201722389 A 7/2017
TW 201936153 A 9/2019

OTHER PUBLICATIONS

Amazon.ca, Site visited Oct. 31, 2023, Anjuer Retractable Clothes Rack, Date first available, Aug. 14, 2019, <https://www.amazon.ca/Anjuer-Retractable-Clothes-Rack-Organization/dp/B07WJX8WM7> (Year: 2019).*

* cited by examiner

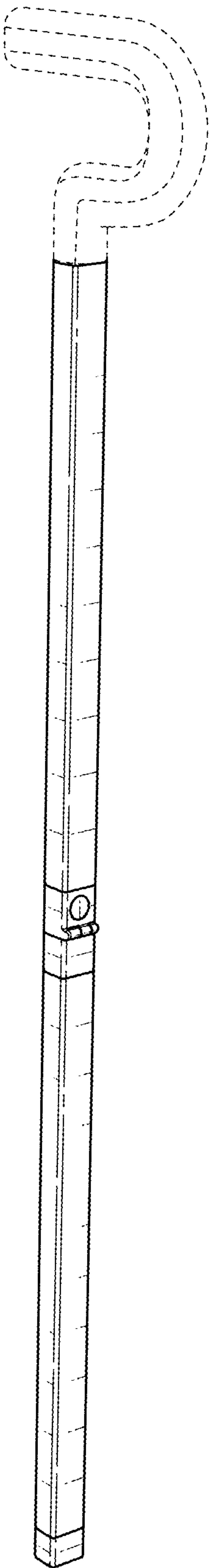


FIG. 1

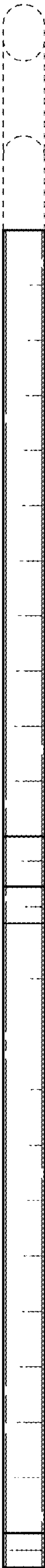


FIG. 2



FIG. 3

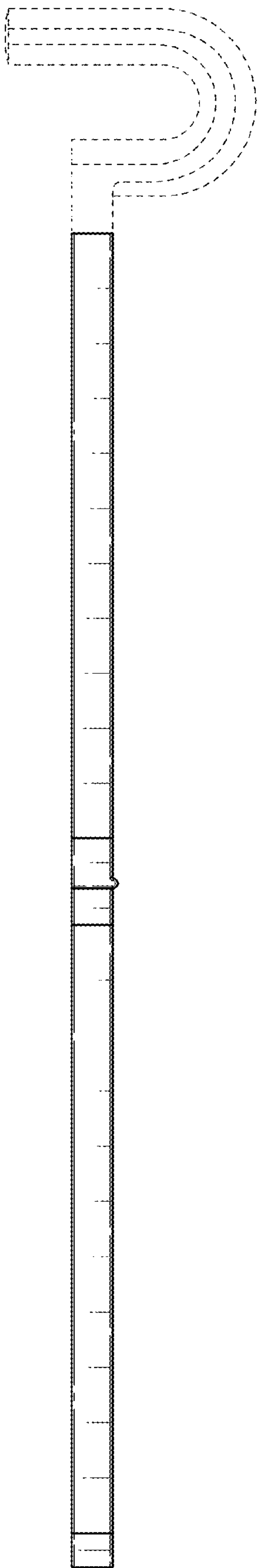


FIG. 4

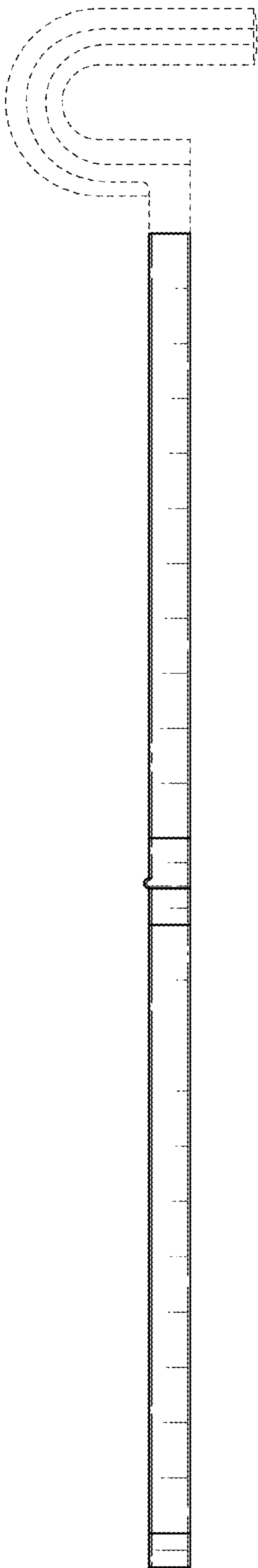


FIG. 5



FIG. 6



FIG. 7

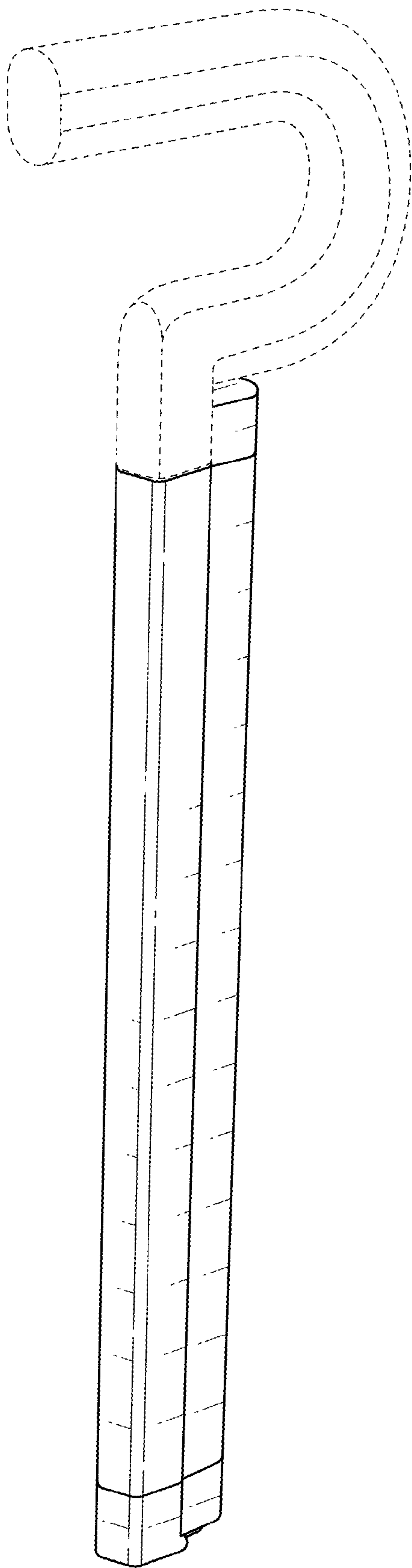


FIG. 8

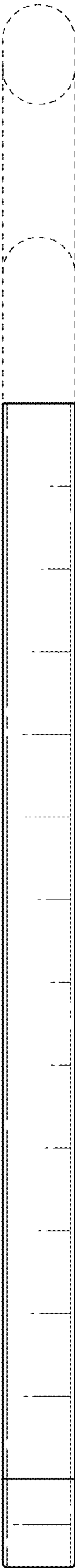


FIG. 9

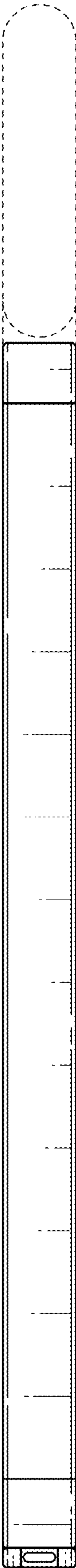


FIG. 10

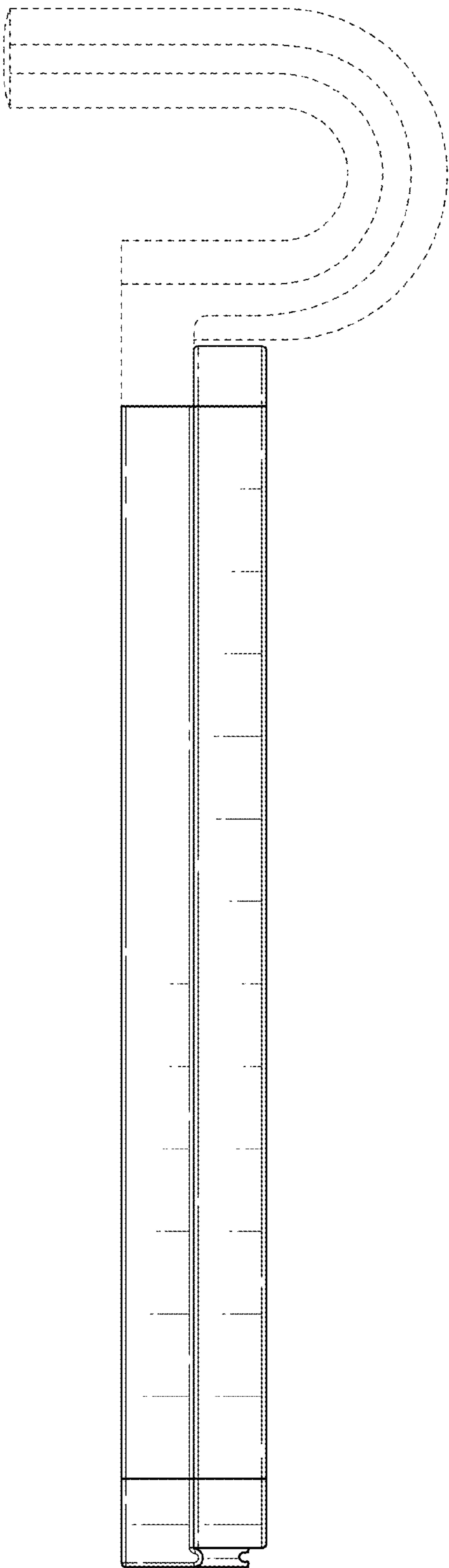


FIG. 11

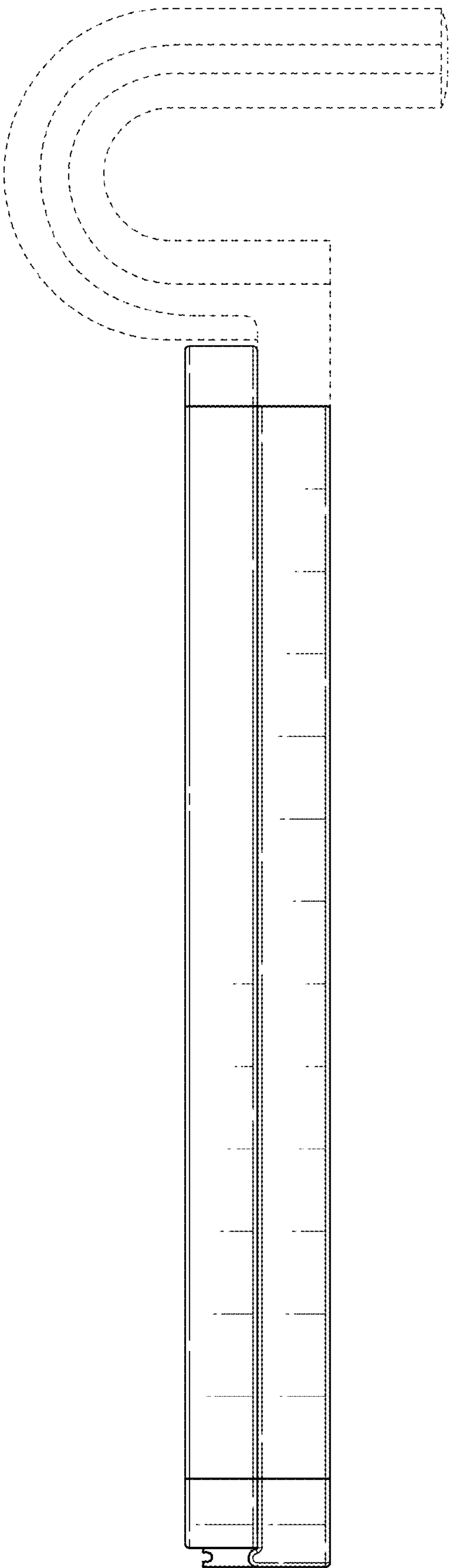


FIG. 12



FIG. 13

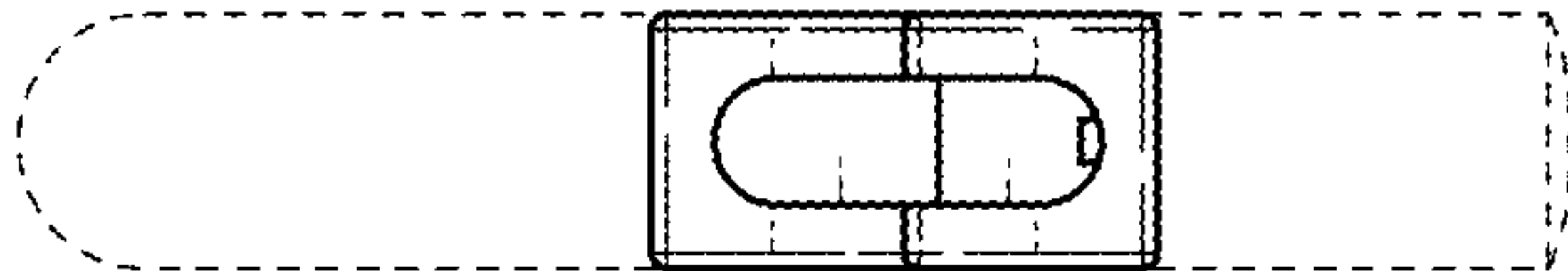


FIG. 14