



US00D927700S

(12) **United States Design Patent** (10) **Patent No.:** **US D927,700 S**  
**Kakuyama et al.** (45) **Date of Patent:** **\*\* Aug. 10, 2021**

(54) **MEDICAL ELECTRODE**

(56) **References Cited**

(71) Applicants: **OTSUKA TECHNO CORPORATION**, Tokushima (JP);  
**ITO CO., LTD.**, Tokyo (JP)

(72) Inventors: **Hiroki Kakuyama**, Tokushima (JP);  
**Tetsuya Masuda**, Tokushima (JP);  
**Makoto Sasaki**, Tokyo (JP)

(73) Assignee: **OTSUKA TECHNO CORPORATION**, Tokyo (JP)

(\*\*) Term: **15 Years**

(21) Appl. No.: **35/508,735**

(22) Filed: **Sep. 6, 2019**

(80) **Hague Agreement Data**

Int. Filing Date: **Sep. 6, 2019**  
Int. Reg. No.: **DM/206134**  
Int. Reg. Date: **Sep. 6, 2019**  
Int. Reg. Pub. Date: **Mar. 6, 2020**

(30) **Foreign Application Priority Data**

Mar. 8, 2019 (JP) ..... JP2019-004906  
Mar. 8, 2019 (JP) ..... JP2019-004907

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

(52) **U.S. Cl.**  
USPC ..... **D24/187**

(58) **Field of Classification Search**  
USPC ..... D24/107, 164, 165, 166, 167, 168, 186,  
D24/187, 200

CPC ..... A61B 5/202; A61B 5/391; A61B 2505/09;  
A61B 2560/0214; A61B 5/6832; A61N  
1/0456; A61N 1/36007; A61N 1/36021;  
A61N 1/0476; A61N 1/0492; A61N 1/36;  
A61N 1/36031; A61N 1/36034

See application file for complete search history.

U.S. PATENT DOCUMENTS

D761,435 S \* 7/2016 Mizuno ..... D24/187  
D773,058 S \* 11/2016 Takizawa ..... D24/187  
D792,976 S \* 7/2017 Krause ..... D24/187  
D797,574 S \* 9/2017 Dascoli ..... D9/732  
D822,838 S \* 7/2018 Zuckerman-Stark ..... D24/187  
D831,830 S \* 10/2018 Lemons ..... D24/168  
D857,205 S \* 8/2019 Lemons ..... D24/168  
D879,305 S \* 3/2020 Gu ..... D24/187  
D886,303 S \* 6/2020 Huang ..... D24/187  
10,675,463 B2 \* 6/2020 Masuda ..... A61B 5/391  
(Continued)

OTHER PUBLICATIONS

Mactor-engineerina Co., Ltd., Ms-148, (Known Material No. HJ28056108 of JPO Industrial Design Section), prior to Sep. 6, 2019.

*Primary Examiner* — Samantha Q Lawrence  
(74) *Attorney, Agent, or Firm* — Birch, Stewart, Kolasch & Birch, LLP

(57) **CLAIM**

The ornamental design for a medical electrode, as shown and described.

**DESCRIPTION**

1. Medical electrode  
Figure 1.1 is a perspective view of a medical electrode;  
Figure 1.2 is a top view thereof;  
Figure 1.3 is a front view thereof;  
Figure 1.4 is a bottom view thereof; and  
Figure 1.5 is a right side view thereof, the left side being a mirror image thereof;  
Figure 1.6 is a back view thereof;  
Figure 1.7 is a cross-section view thereof taken along the A-A line shown in Figure 1.3;  
Figure 1.8 is a cross-section view thereof taken along the line B-B shown in Figure 1.3; and

(Continued)

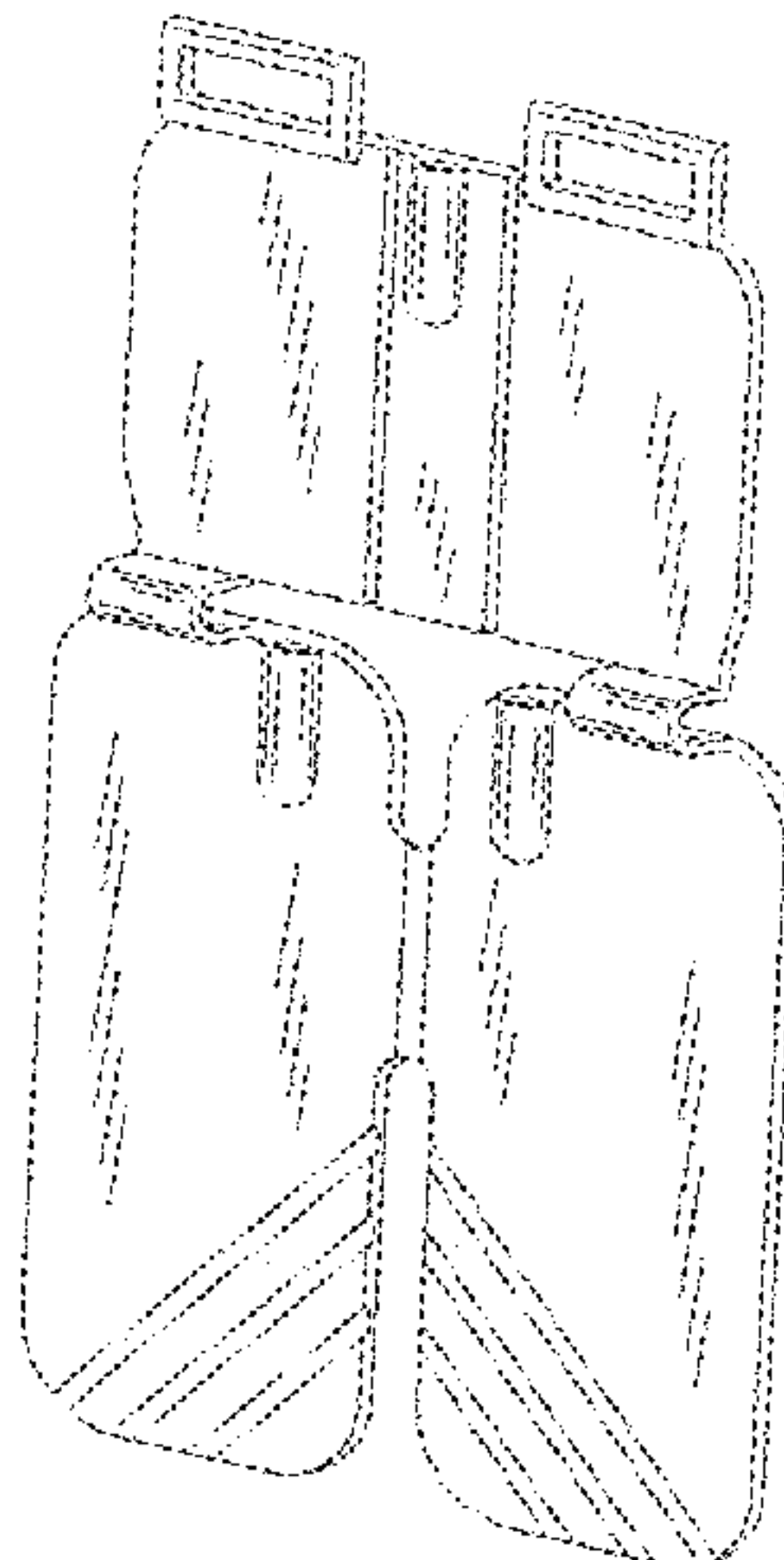


Figure 1.9 is a cross-section view thereof taken along the line C-C shown in Figure 1.3.

**1 Claim, 9 Drawing Sheets**

(56)

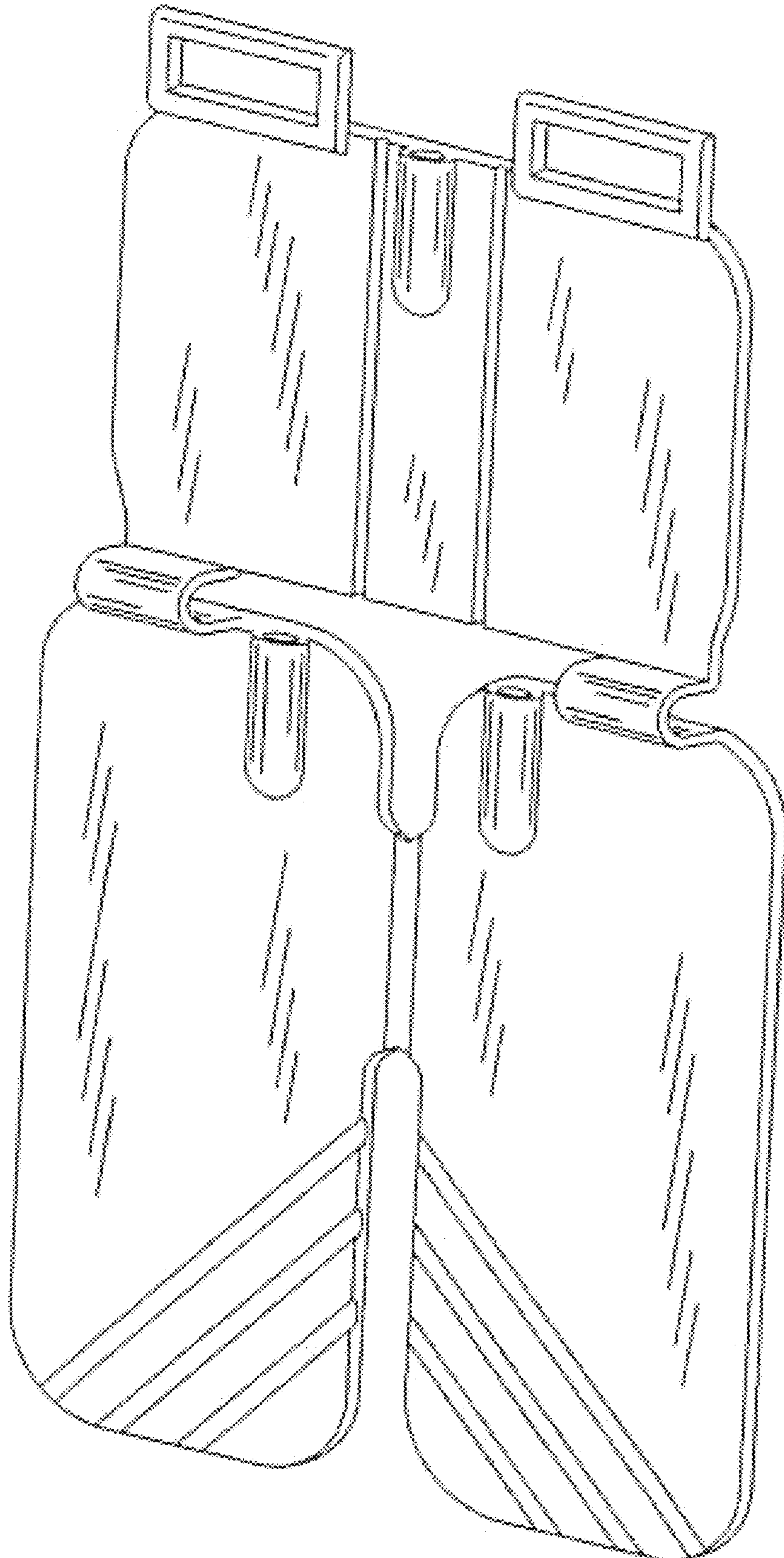
**References Cited**

U.S. PATENT DOCUMENTS

10,675,464	B2 *	6/2020	Masuda	.....	A61N 1/0456
D889,662	S *	7/2020	Hubelbank	.....	D24/168
D904,305	S *	12/2020	Alexandrov	.....	D13/121

\* cited by examiner

1.1

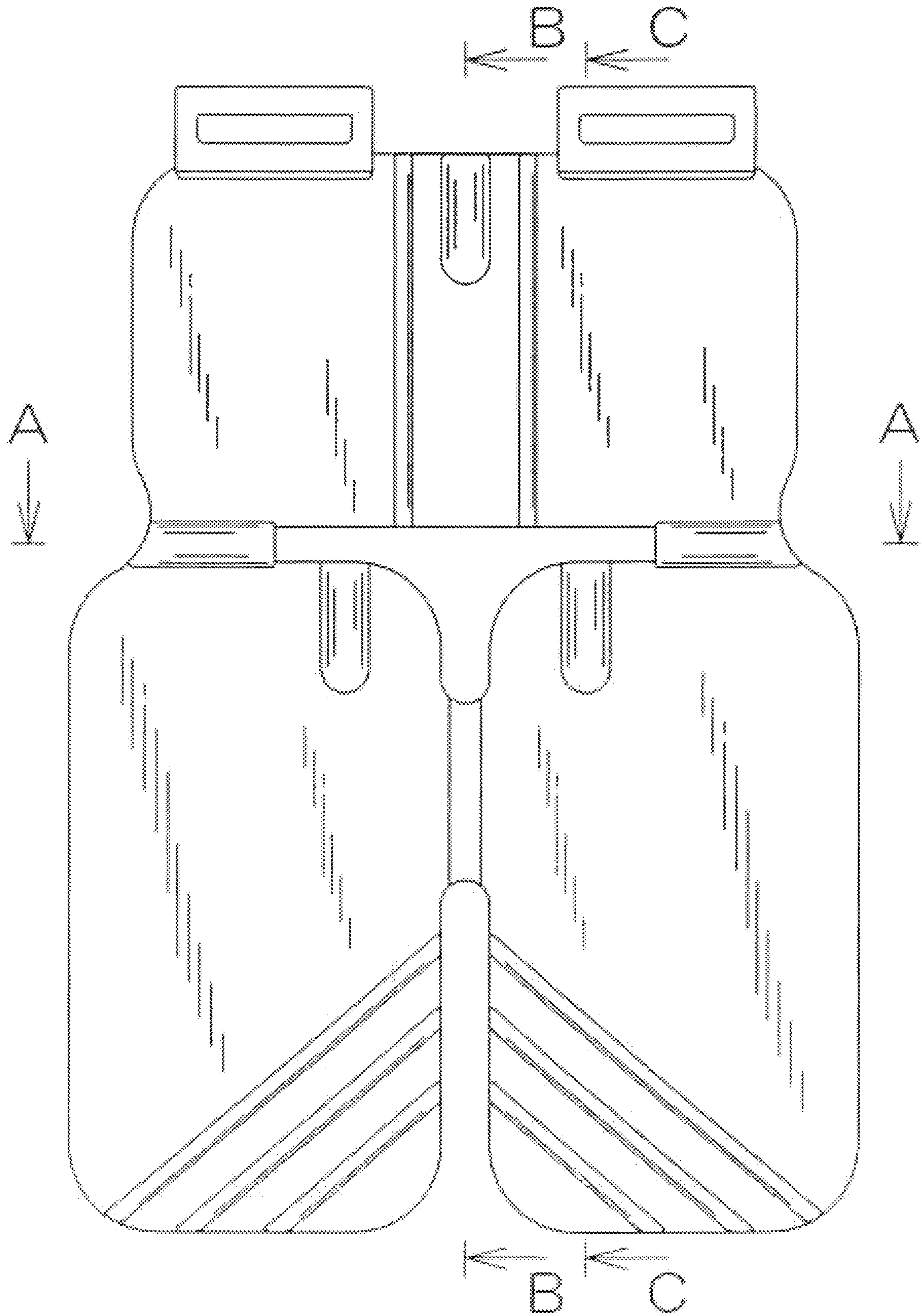


1.2





1.3



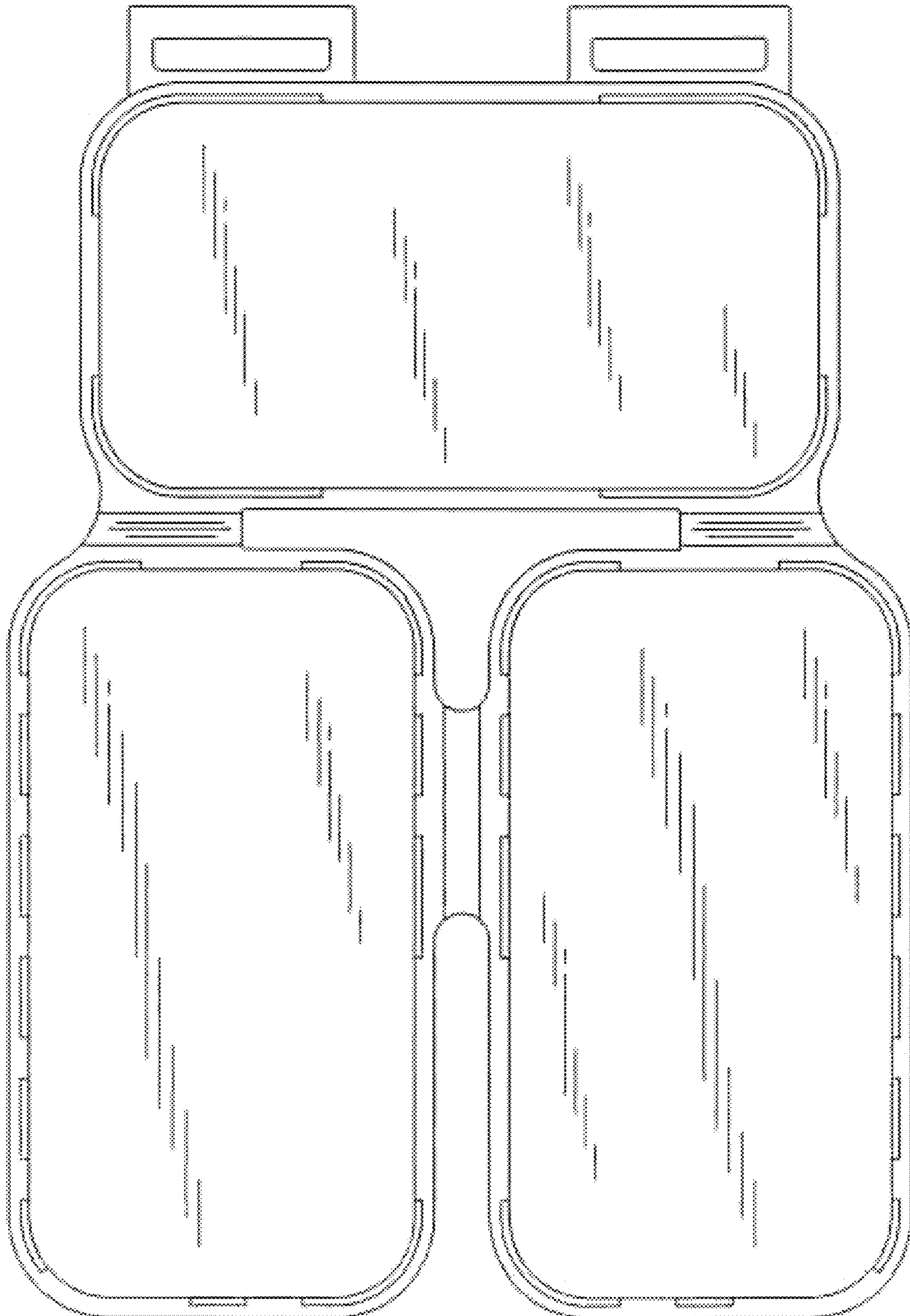
1.4



1.5

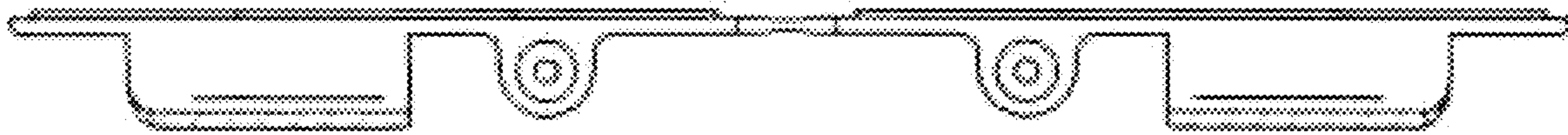


1.6





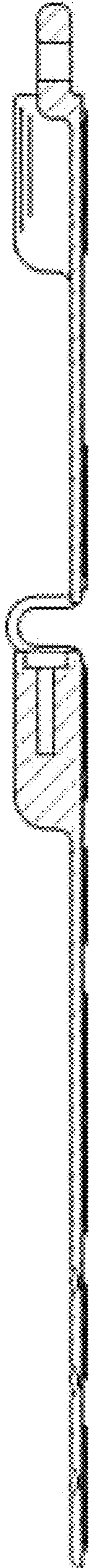
1.7



1.8



1.9



UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : D927,700 S  
APPLICATION NO. : 35/508735  
DATED : August 10, 2021  
INVENTOR(S) : Hiroki Kakuyama et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

Please change:

“(73) Assignee OTSUKA TECHNO CORPORATION TOKYO (JP)”

To:

-- (73) Assignees OTSUKA TECHNO CORPORATION TOKUSHIMA (JP)  
ITO CO., LTD. TOKYO (JP) --

Signed and Sealed this  
Twenty-first Day of September, 2021



Drew Hirshfeld  
*Performing the Functions and Duties of the  
Under Secretary of Commerce for Intellectual Property and  
Director of the United States Patent and Trademark Office*