



US00D449103B1

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

(10) **Patent No.:** **US D449,103 S**

(45) **Date of Patent:** **** Oct. 9, 2001**

(54) **FINGER RECESSES IN A COVER OF A
FILTER CARTRIDGE**

0 078 110 B1 5/1986 (EP) .
0 352 938 B1 10/1993 (EP) .
572847 6/1924 (FR) .
WO 83/00632 3/1983 (WO) .
WO 96/29116 9/1996 (WO) .

(75) Inventor: **Pierre Legare**, Addison (CA)

(73) Assignee: **3M Innovative Properties Company**,
St. Paul, MN (US)

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

(21) Appl. No.: **29/127,314**

(22) Filed: **Aug. 3, 2000**

(51) **LOC (7) Cl.** **29-02**

(52) **U.S. Cl.** **D24/110; D24/110.1; D24/110.2**

(58) **Field of Search** D24/110.1, 110.6,
D24/110.2, 110, 110.3, 162, 164; D9/520,
434; 128/205.25, 205.24, 205.27, 206.21,
207.12, 207.16, 206.12, 206.28, 206.17,
205.29, 201.17, 201.22, 201.25, 201.28;
215/375; 220/608, 609, 606

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D. 310,585 * 9/1990 Newcomb D24/110
- D. 421,116 * 2/2000 Mattila et al. D24/110
- D. 433,751 * 11/2000 Reischel et al D24/110
- 2,642,061 6/1953 Boyer .
- 4,088,461 5/1978 Brauer .
- 4,850,494 * 7/1989 Howard, Jr. 215/375
- 4,971,052 11/1990 Edwards .
- 5,036,844 8/1991 Pouchot et al. .
- 5,906,203 5/1999 Klockseth et al. .
- 6,055,983 * 5/2000 Metzger 128/206.12

FOREIGN PATENT DOCUMENTS

- 3818295 A1 7/1989 (DE) .
- 0 108 560 A1 5/1984 (EP) .
- 0 164 946 A2 12/1985 (EP) .

OTHER PUBLICATIONS

Domestic Preparedness—Powered Air Protection for First Responders C420 Mil-Spec Parr; Scott a Scott Technologies Company (dated Sep. 1999) (a four page brochure).

* cited by examiner

Primary Examiner—Ian Simmons

(74) *Attorney, Agent, or Firm*—Micheale A. Hakamaki

(57) **CLAIM**

The ornamental design for the finger recesses in a cover of a filter cartridge, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the finger recesses in a cover of a filter cartridge showing our new design.

FIG. 2 is a first side view thereof.

FIG. 3 is a top view thereof.

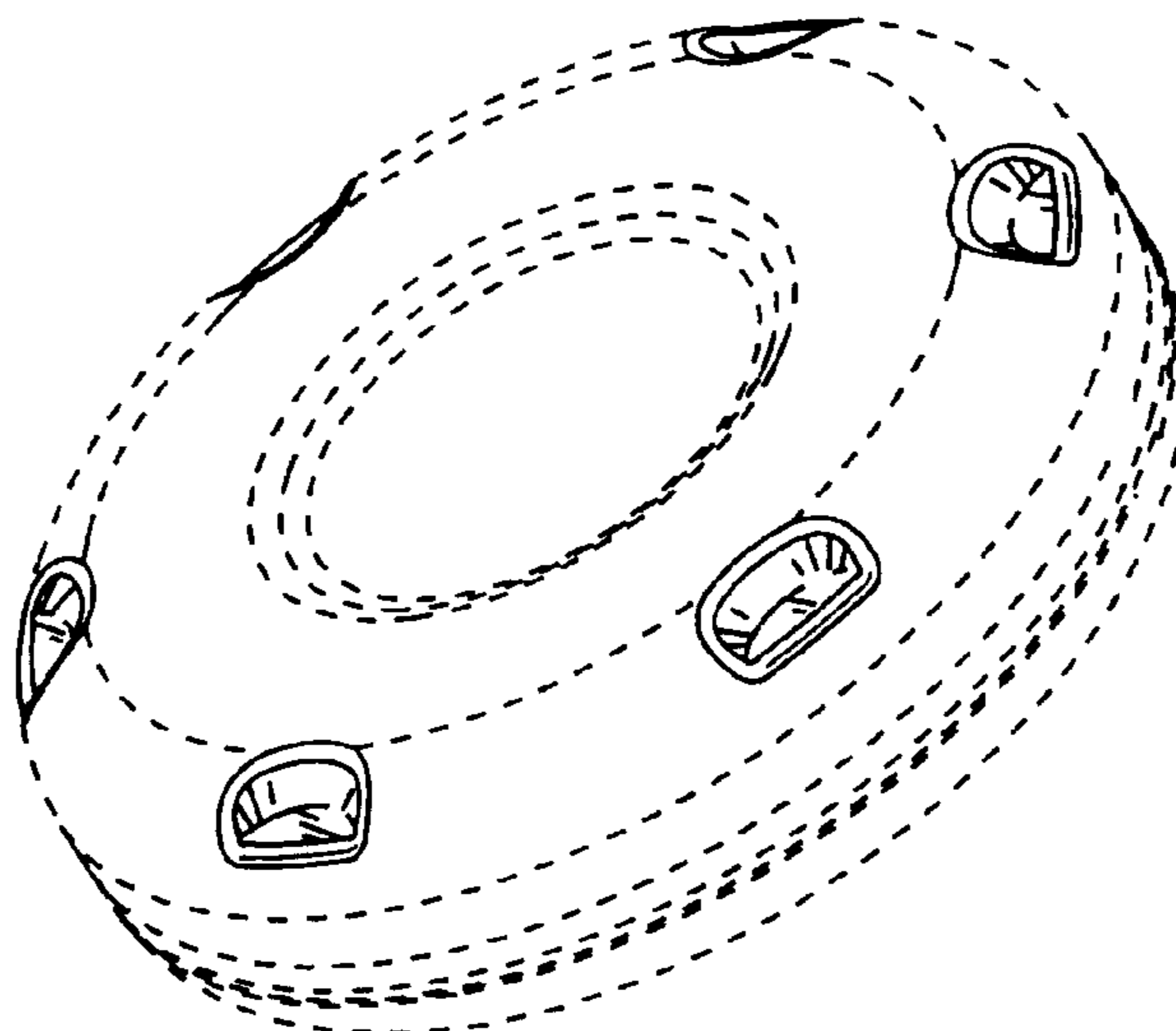
FIG. 4 is a second side view thereof oriented 180° from the side view that is shown in FIG. 2.

FIG. 5 is a bottom view of the cover only. The bottom of the cartridge, which is shown in FIGS. 1, 2, and 4, has been removed so that the bottom of the cover is clearly visible in this view; and,

FIG. 6 is a cross-sectional view, taken along lines 6—6 of FIG. 2, showing the recess in enlarged form for illustration purposes.

The broken line showing forms no part of the claimed design, and the shading is provided only to illustrate contour; it is not representative of tuxture, etc.

1 Claim, 1 Drawing Sheet



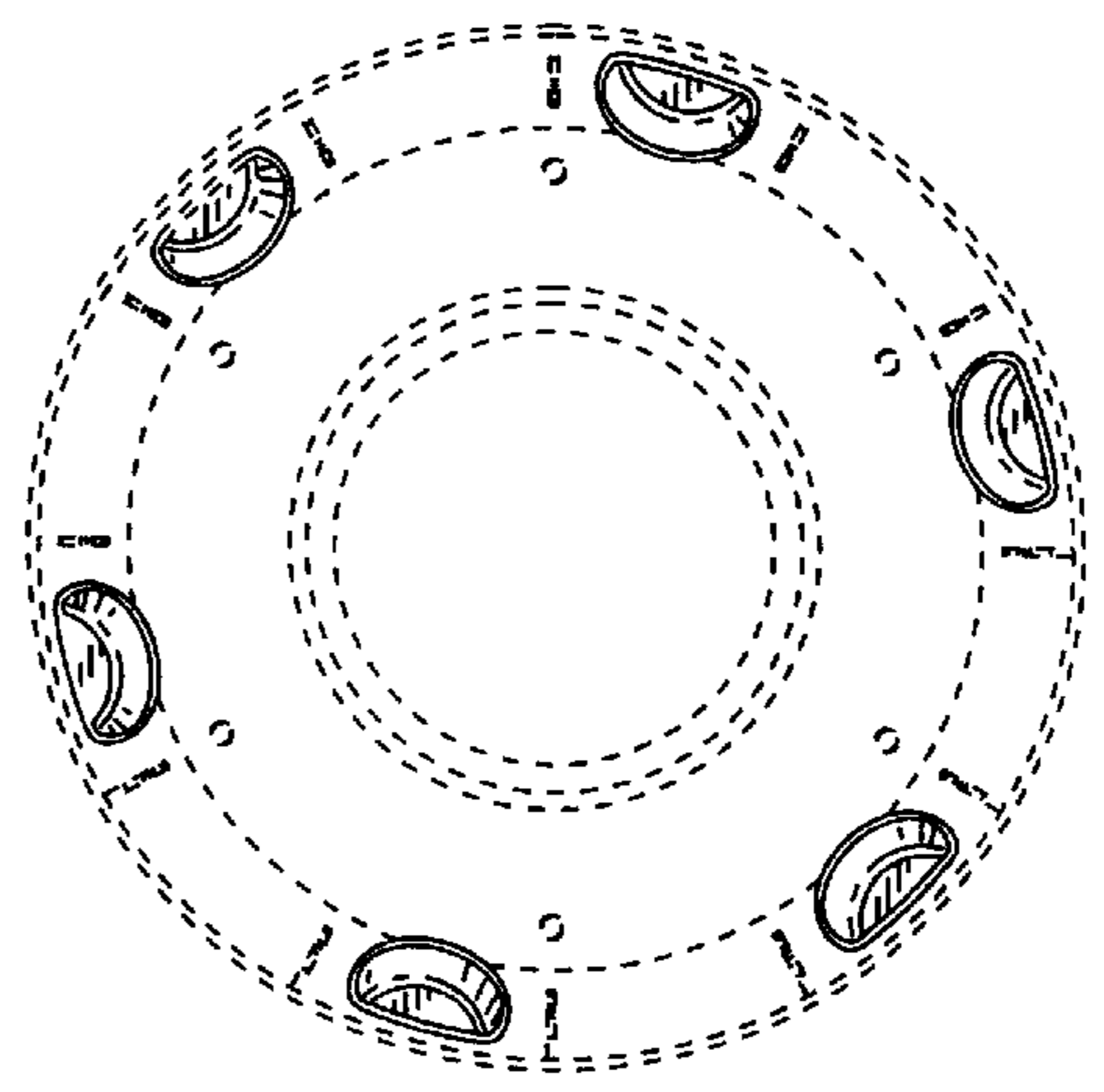
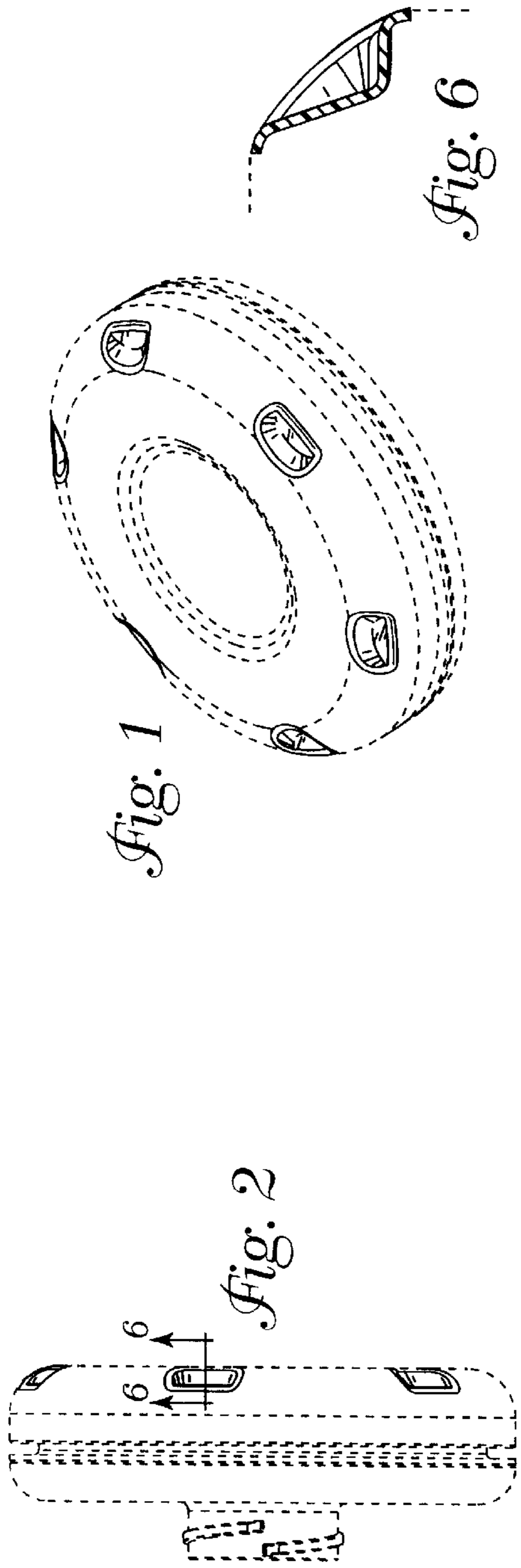


Fig. 5

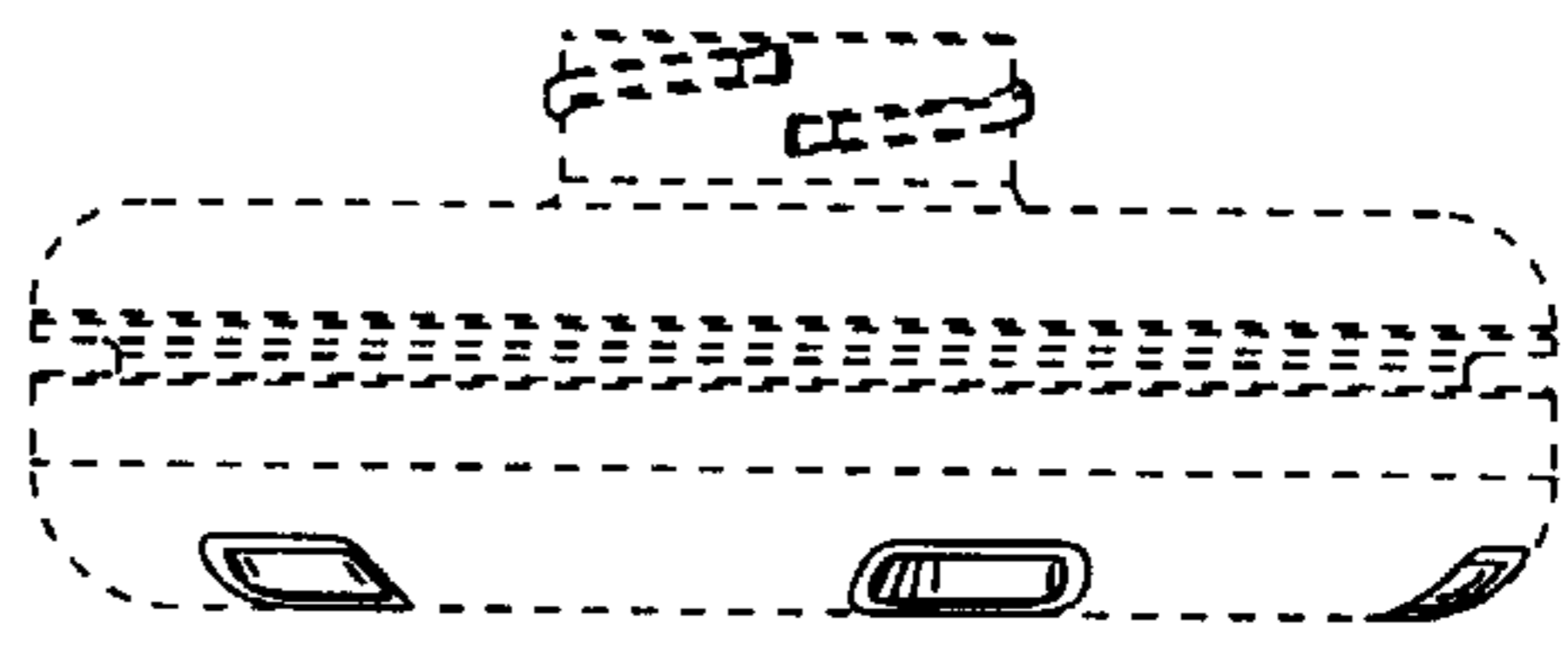


Fig. 4

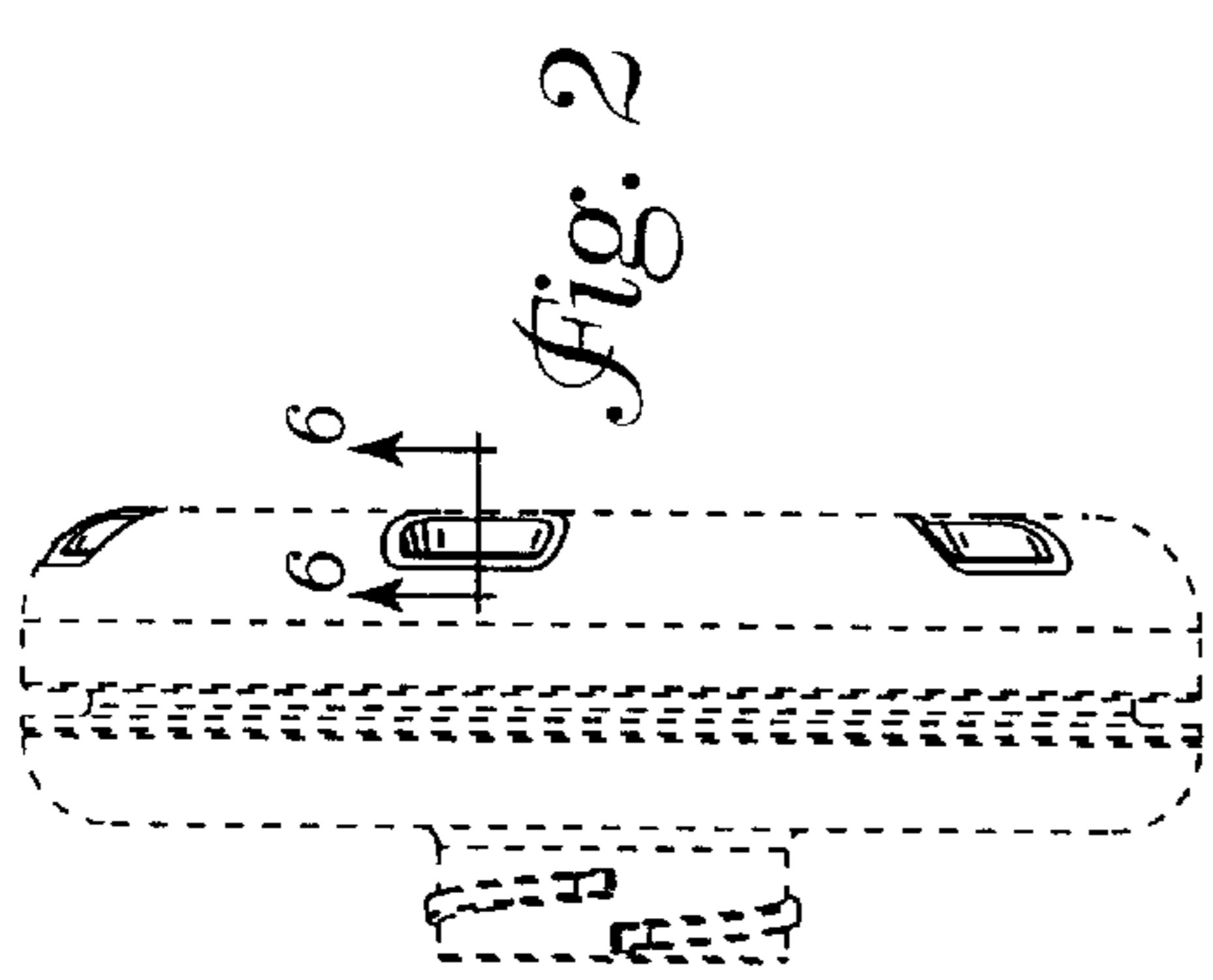


Fig. 2

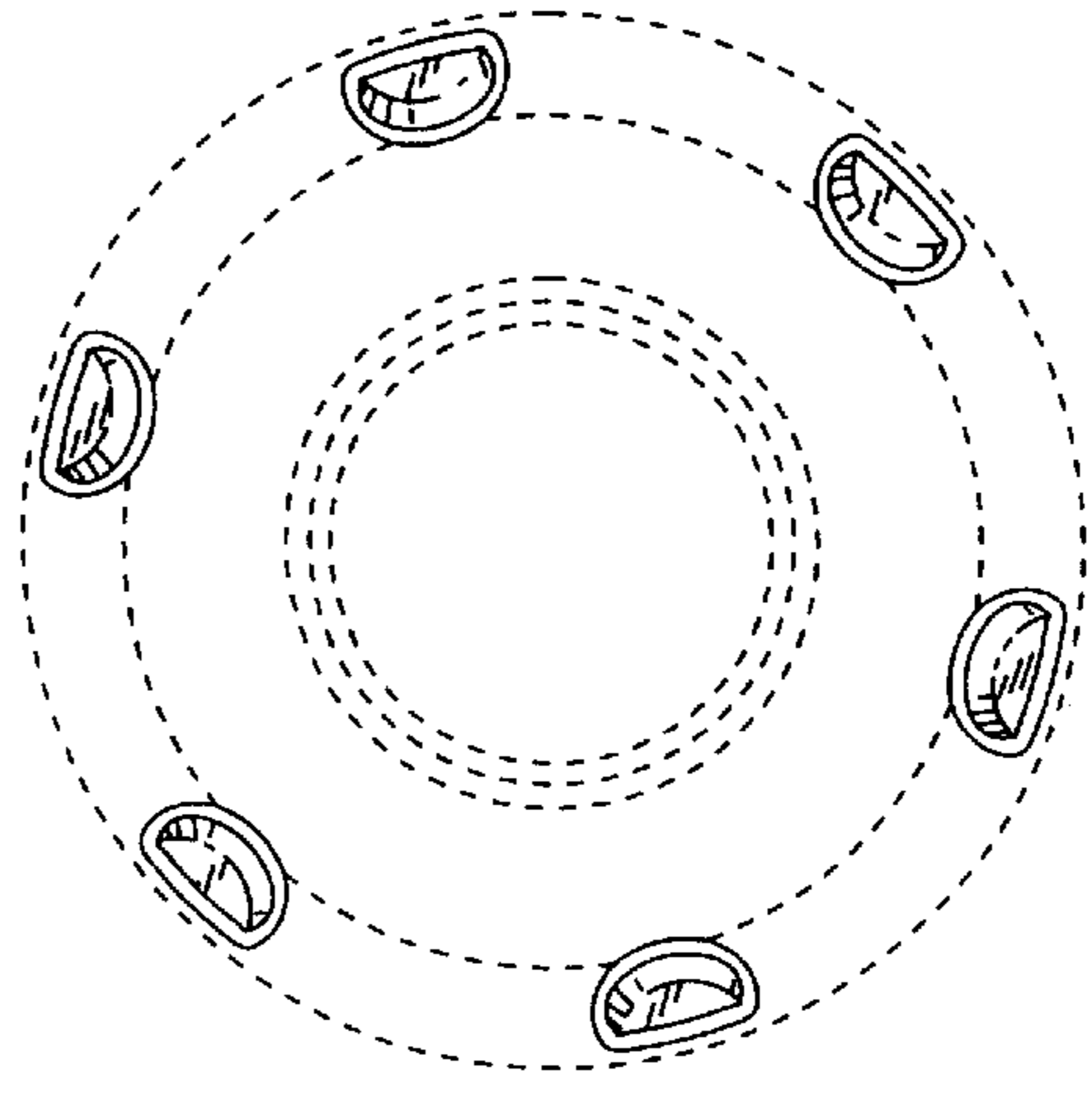


Fig. 3

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : Des 449,103 S
DATED : October 9, 2001
INVENTOR(S) : Legare, Pierre

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:

Title page,

Item [57], Line 1, delete "the before "finger".

DESCRIPTION:

Last line "tuxtore" should read as -- texture --.

Signed and Sealed this

Eighteenth Day of June, 2002

Attest:

A handwritten signature in black ink, appearing to read "James E. Rogan", with a horizontal line drawn underneath it.

Attesting Officer

JAMES E. ROGAN
Director of the United States Patent and Trademark Office