



US00D459471S

(12) **United States Design Patent**  
**Curran et al.**

(10) **Patent No.: US D459,471 S**

(45) **Date of Patent: \*\* \*Jun. 25, 2002**

(54) **PERSONAL RESPIRATORY PROTECTION  
DEVICE THAT HAS A THREE PANELLED  
LOOK**

GB 388638 3/1933  
GB 2 072 516 A 10/1981  
GB 2 103 491 A 2/1983

(75) Inventors: **Desmond T. Curran**, Durham; **John  
W. Bryant**, High Shincliffe;  
**Christopher P. Henderson**, Durham,  
all of (GB)

**OTHER PUBLICATIONS**

Racal Health & Safety Product Literature for "Delta™  
Disposable Respirators" (1993).

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

Glendale Optical Company Product Literature for "Glendale  
Respiratory Protection" (Feb. 1983).

(\* ) Notice: This patent is subject to a terminal dis-  
claimer.

Europa Safety Products (ESP) product literature entitled  
"The Next Generation In Safety" for their CN range of  
respirators (no date).

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

*Primary Examiner*—Stella Reid

(21) Appl. No.: **29/104,425**

(74) *Attorney, Agent, or Firm*—Karl G. Hanson

(22) Filed: **May 5, 1999**

(57) **CLAIM**

**Related U.S. Application Data**

The ornamental design for a personal respiratory protection  
device that has a three panelled look, as shown and  
described.

(62) Division of application No. 29/062,787, filed on Nov. 25,  
1996, now abandoned.

**DESCRIPTION**

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

(52) **U.S. Cl.** ..... **D24/110**

(58) **Field of Search** ..... D24/110.1; 128/206.12,  
128/206.19, 206.21, 206.27, 207.13, 205.25

FIG. 1 is a perspective view showing the new design for a  
personal respiratory protection device that has a three-  
paneled look.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

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- 2,565,124 A 8/1951 Durborow
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- 3,288,138 A \* 11/1966 Sachs ..... D24/110.1 X
- 3,971,369 A 7/1976 Aspelin et al.
- 4,248,220 A 2/1981 White

FIG. 2 is a front elevational view thereof.

FIG. 3 is a rear elevational view thereof.

FIG. 4 is a top elevational view thereof. The bottom view is  
a mirror image of the top view; and,

FIG. 5 is a right elevational view thereof. The left side is a  
mirror image of the right side.

The shading shown in the drawings is provided only to  
highlight the contour of the design. It does not illustrate  
texture or serve any other purpose.

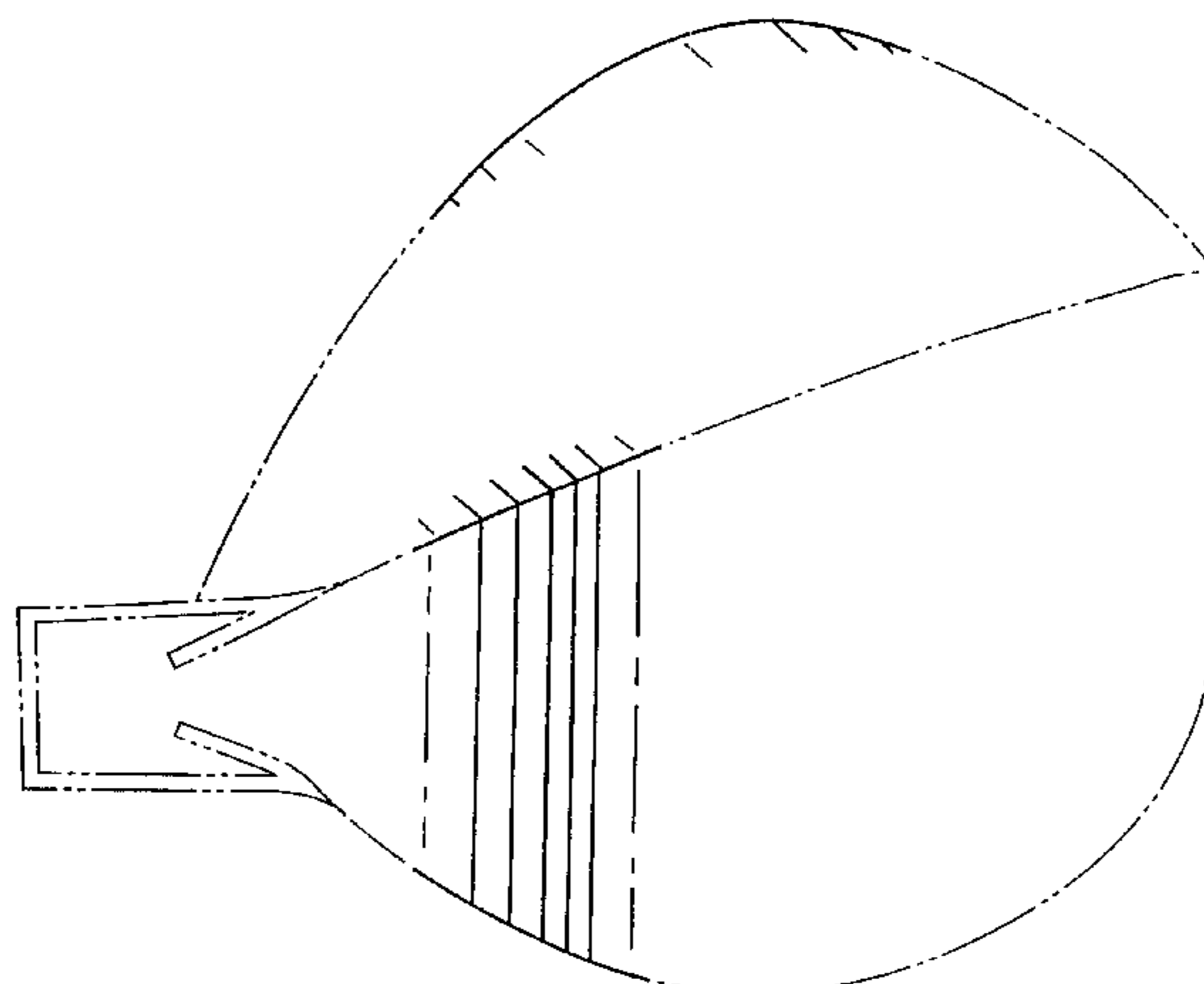
The broken lines shown in the drawings are for illustrative  
purposes only and form no part of the claimed design.

(List continued on next page.)

**FOREIGN PATENT DOCUMENTS**

EP 0 183 059 A1 6/1986

**1 Claim, 3 Drawing Sheets**



# US D459,471 S

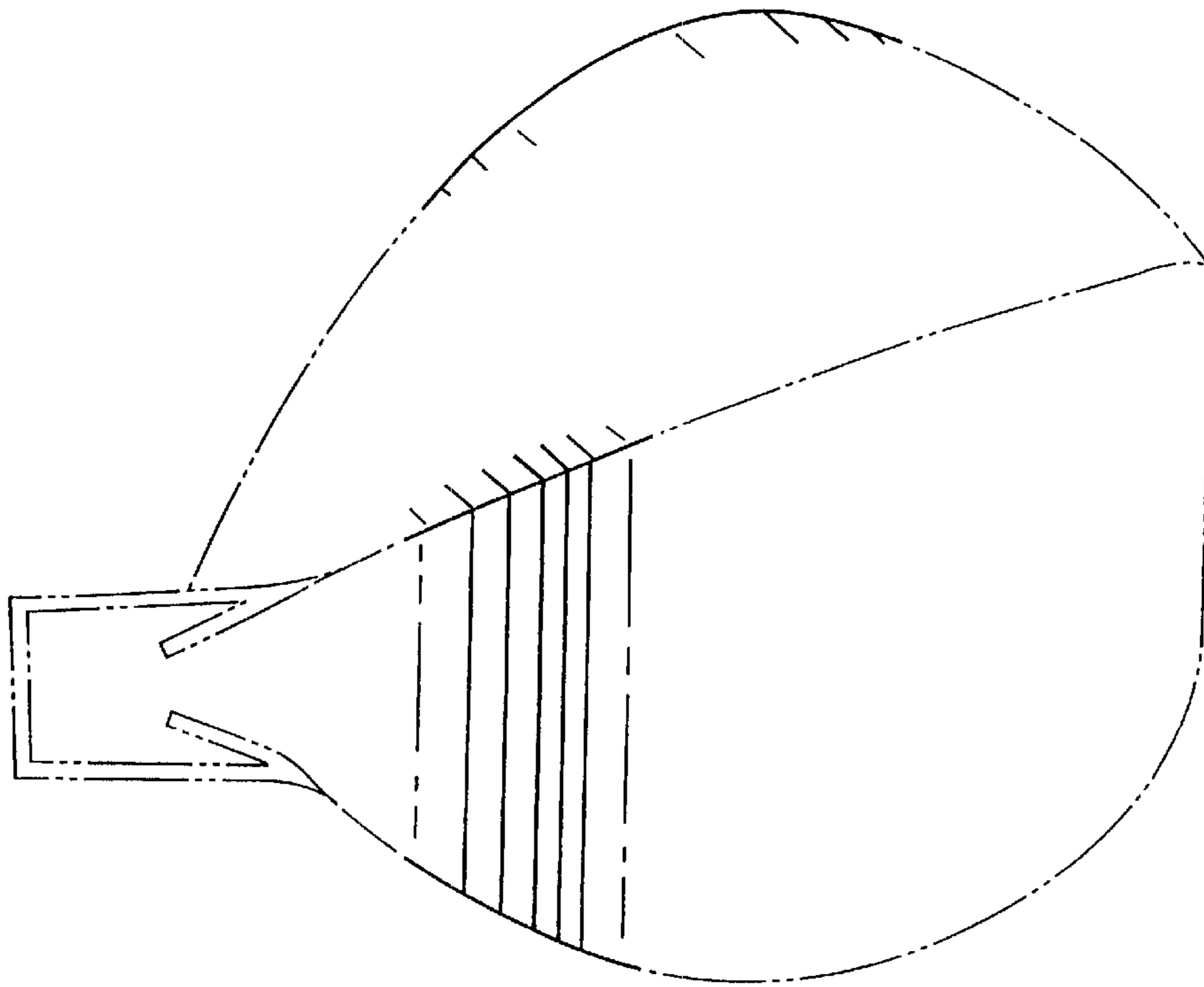
Page 2

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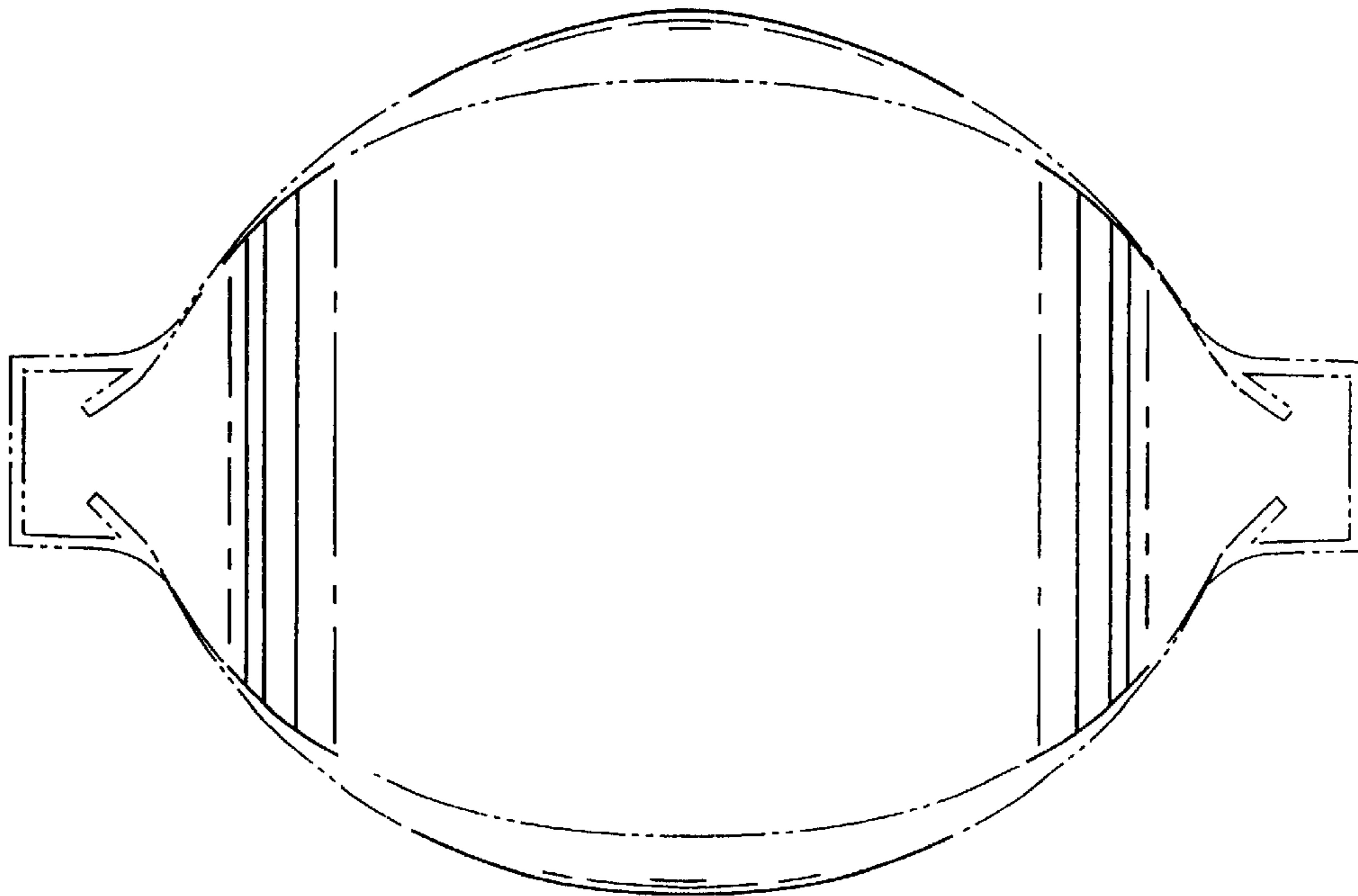
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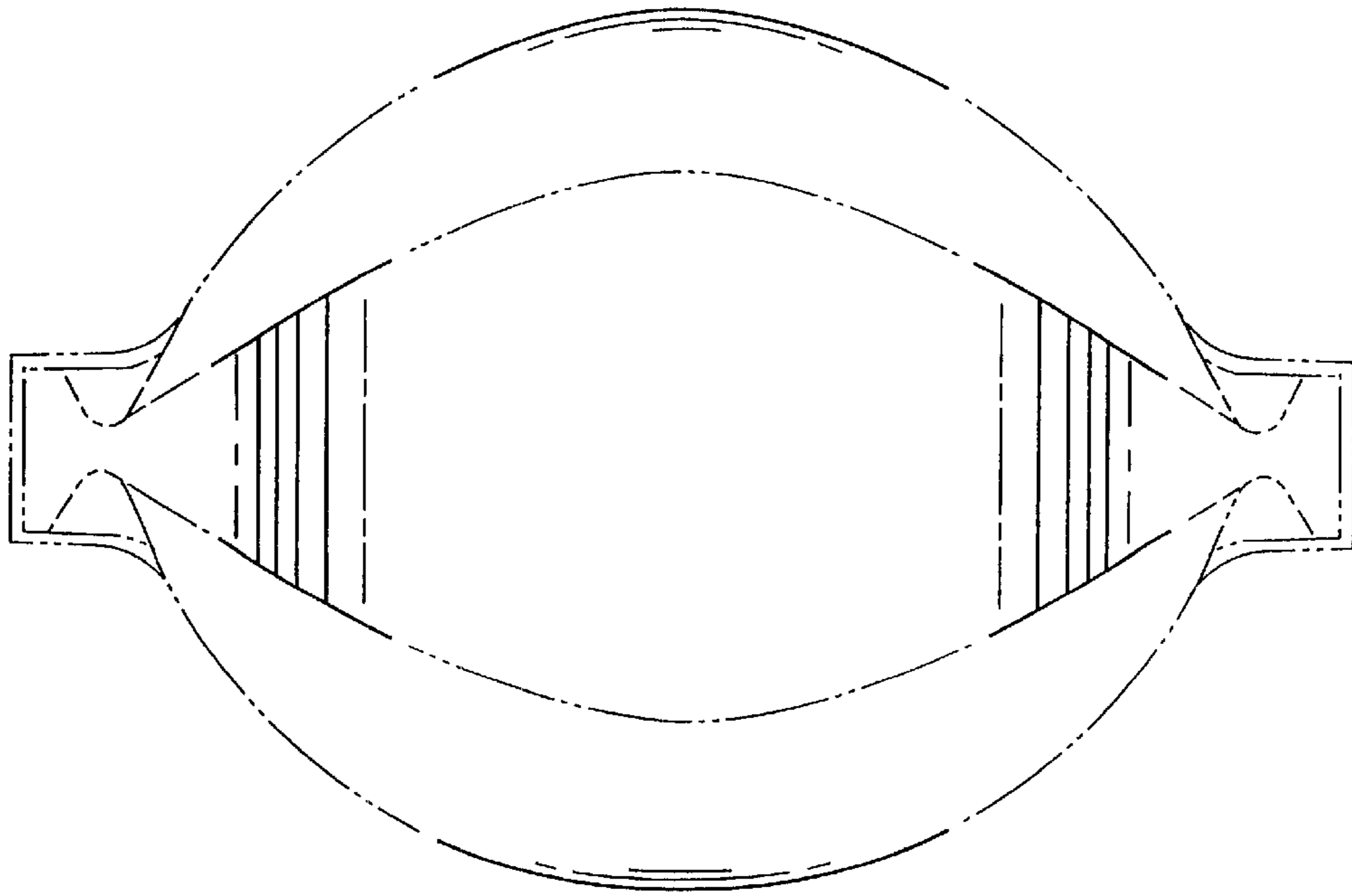
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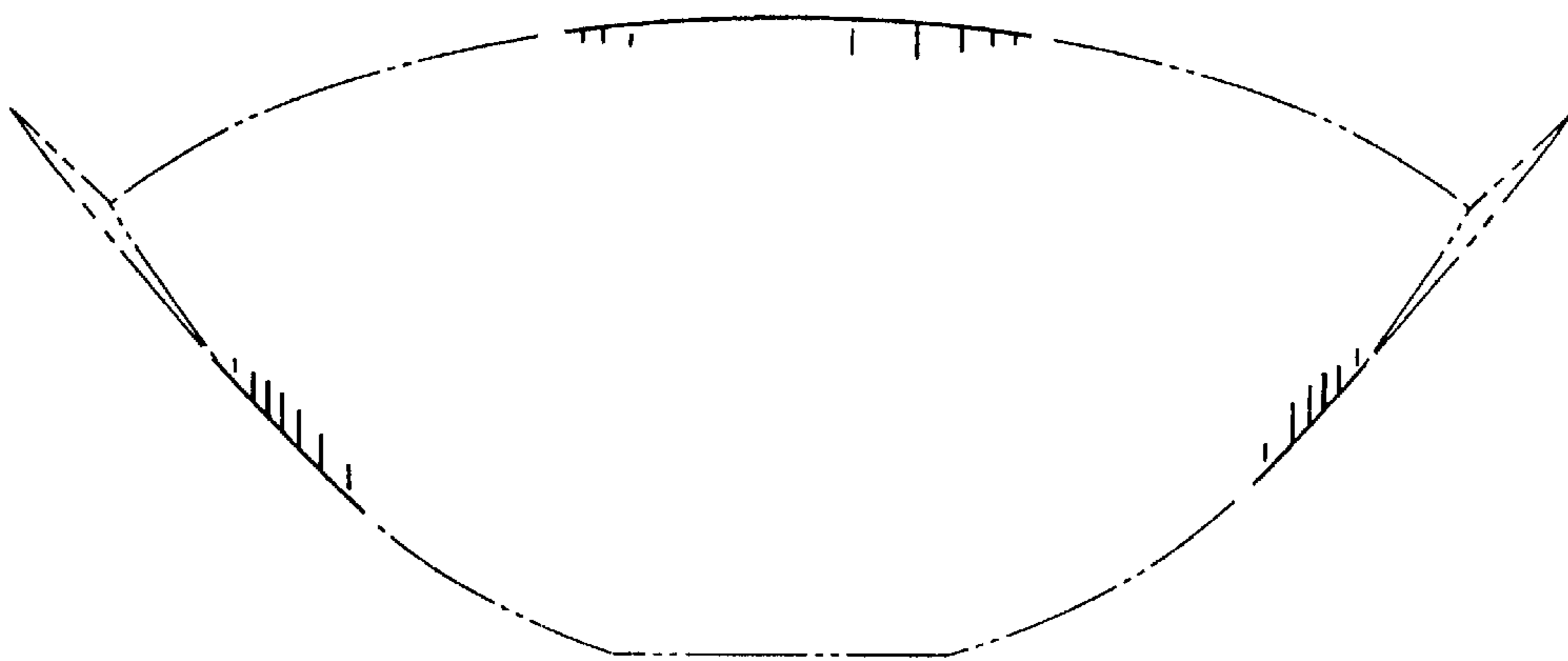
**Fig. 1**



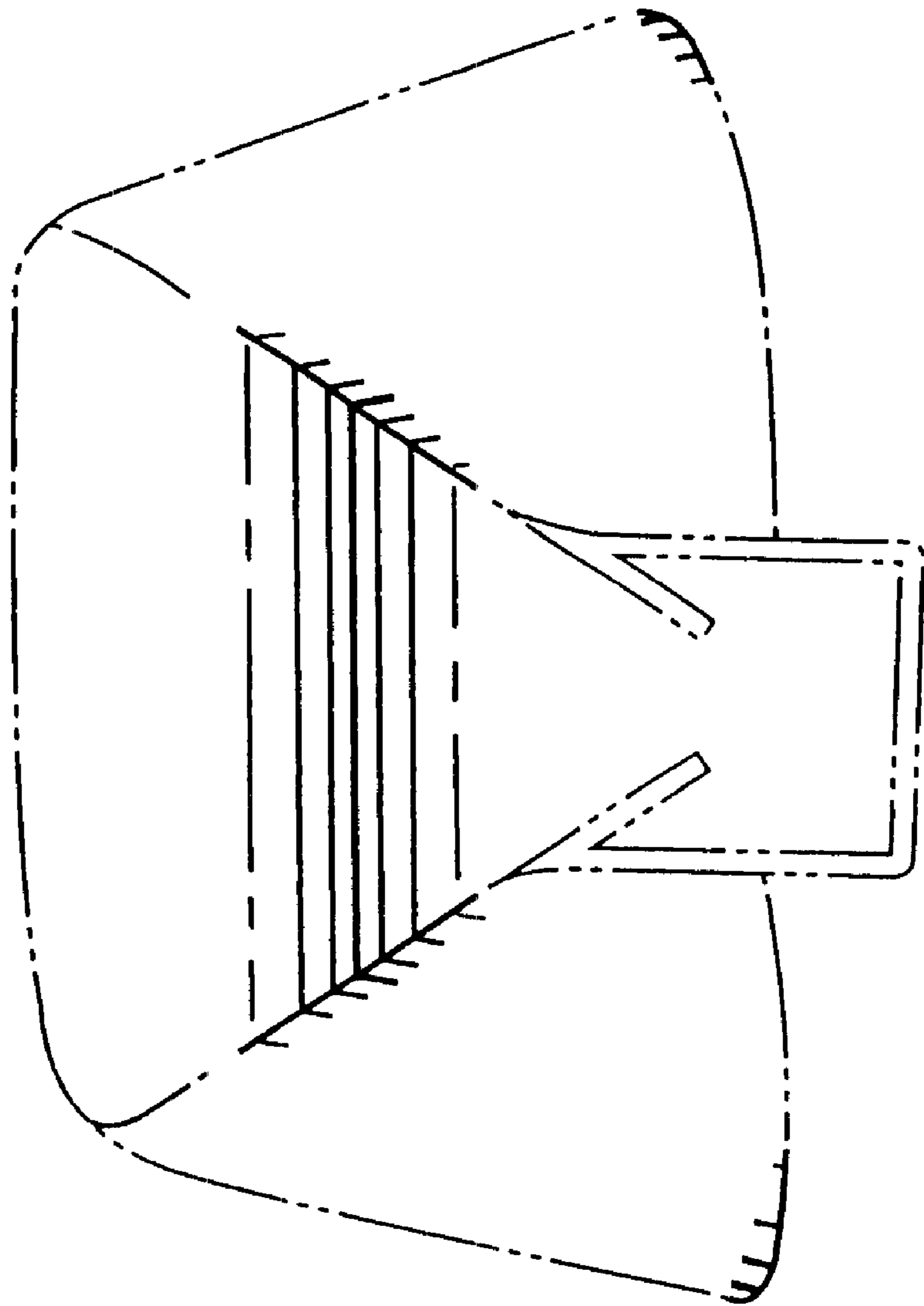
**Fig. 2**



**Fig. 3**



**Fig. 4**



**Fig. 5**

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

PATENT NO. : Des. 459,471 S  
DATED : June 25, 2002  
INVENTOR(S) : Curran, Desmond T.

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 [54], Title, "**PANELLED**" should read as -- **PANELED** --.

Item [57], **CLAIM**, "panelled" should read as -- paneled --.

Signed and Sealed this

Fifth Day of November, 2002

*Attest:*

A handwritten signature in black ink, appearing to read "James E. Rogan", written over a horizontal line.

*Attesting Officer*

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