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

(10) **Patent No.:** **US D443,927 S**

(45) **Date of Patent:** **\*\* Jun. 19, 2001**

(54) **RESPIRATORY MASK**

WO 97/32494 9/1997 (WO) .

(75) Inventor: **Daniel T. Chen**, St. Paul, MN (US)

**OTHER PUBLICATIONS**

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

Product Literature: "Glendale Respiratory Protection,"  
Glendale Optical Company, Inc. (No date).

Product Literature: "Delta Disposable Respirators," Racial  
Health & Safety, Inc. (No date).

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

Product Literature: "Racal® N95 Respirator & Delta® N95  
Respirator," Racial Health & Safety, Inc., (1995).

(21) Appl. No.: **29/100,706**

\* cited by examiner

(22) Filed: **Feb. 17, 1999**

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

*Primary Examiner*—Ian Simmons

(52) **U.S. Cl.** ..... **D24/110.1**

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Hanson

(58) **Field of Search** ..... D24/110.1, 110;  
128/205.25, 205.28, 206.21, 201.18, 206.14,  
206.12, 205.29

(57) **CLAIM**

The ornamental design for a respiratory mask, as shown and  
described.

(56) **References Cited**

**DESCRIPTION**

**U.S. PATENT DOCUMENTS**

D. 326,540	*	5/1992	Scholey	.....	D24/110.1
2,362,382	*	11/1944	Lehmberg	.....	128/206.15
5,012,805	*	5/1991	Muckerheide	.....	128/205.28
5,701,893	*	12/1997	Kern et al.	.....	128/206.24
5,934,275	*	8/1999	Gazzara	.....	128/205.27

FIG. 1 is a perspective view showing the new design for a  
respiratory mask design.

FIG. 2 is a front view thereof.

FIG. 3 is a top elevational view thereof.

FIG. 4 is a bottom elevational view thereof.

FIG. 5 is a rear elevational view; and,

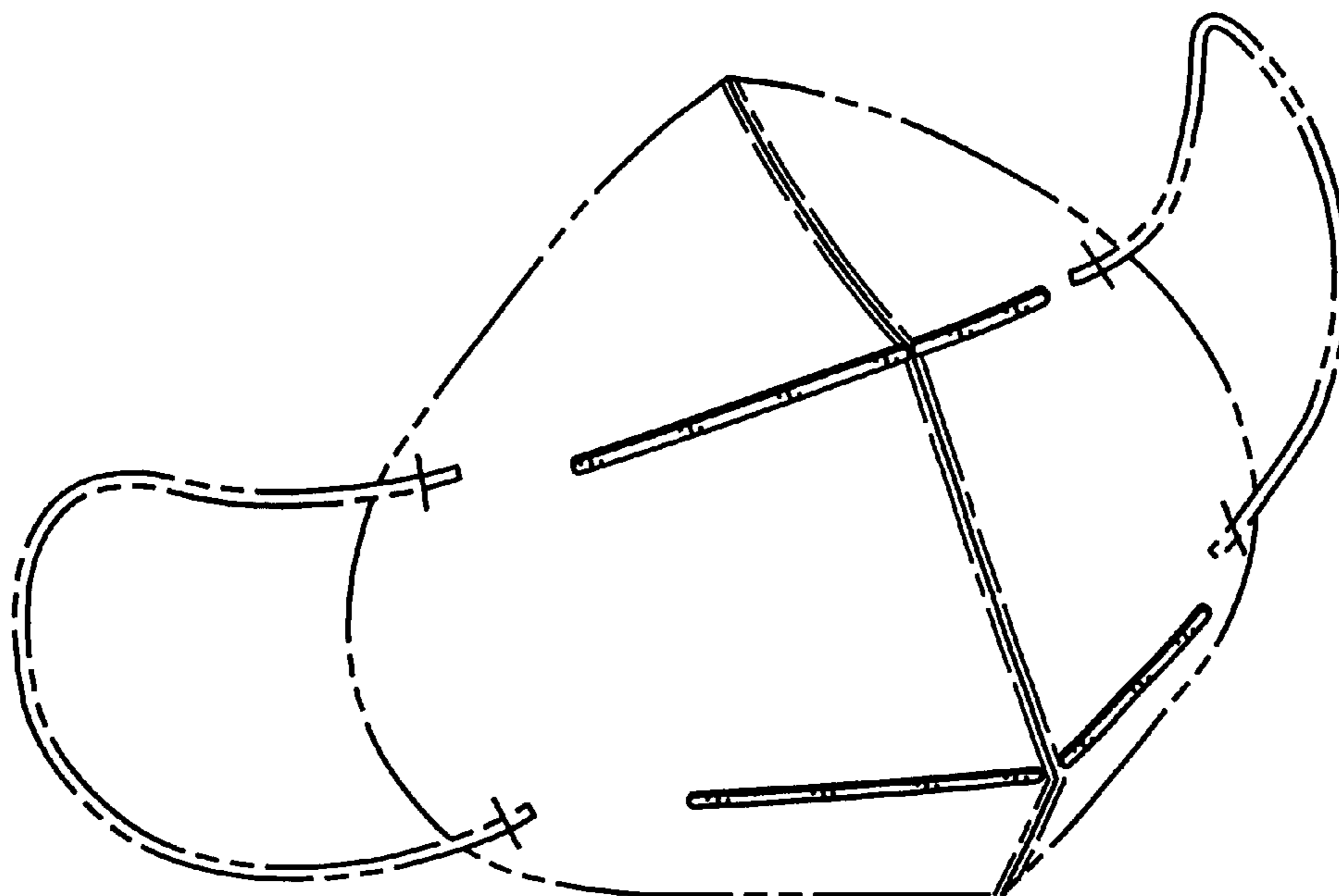
FIG. 6 is a side elevational view. The left side elevational  
view is the same as the right side elevational view.

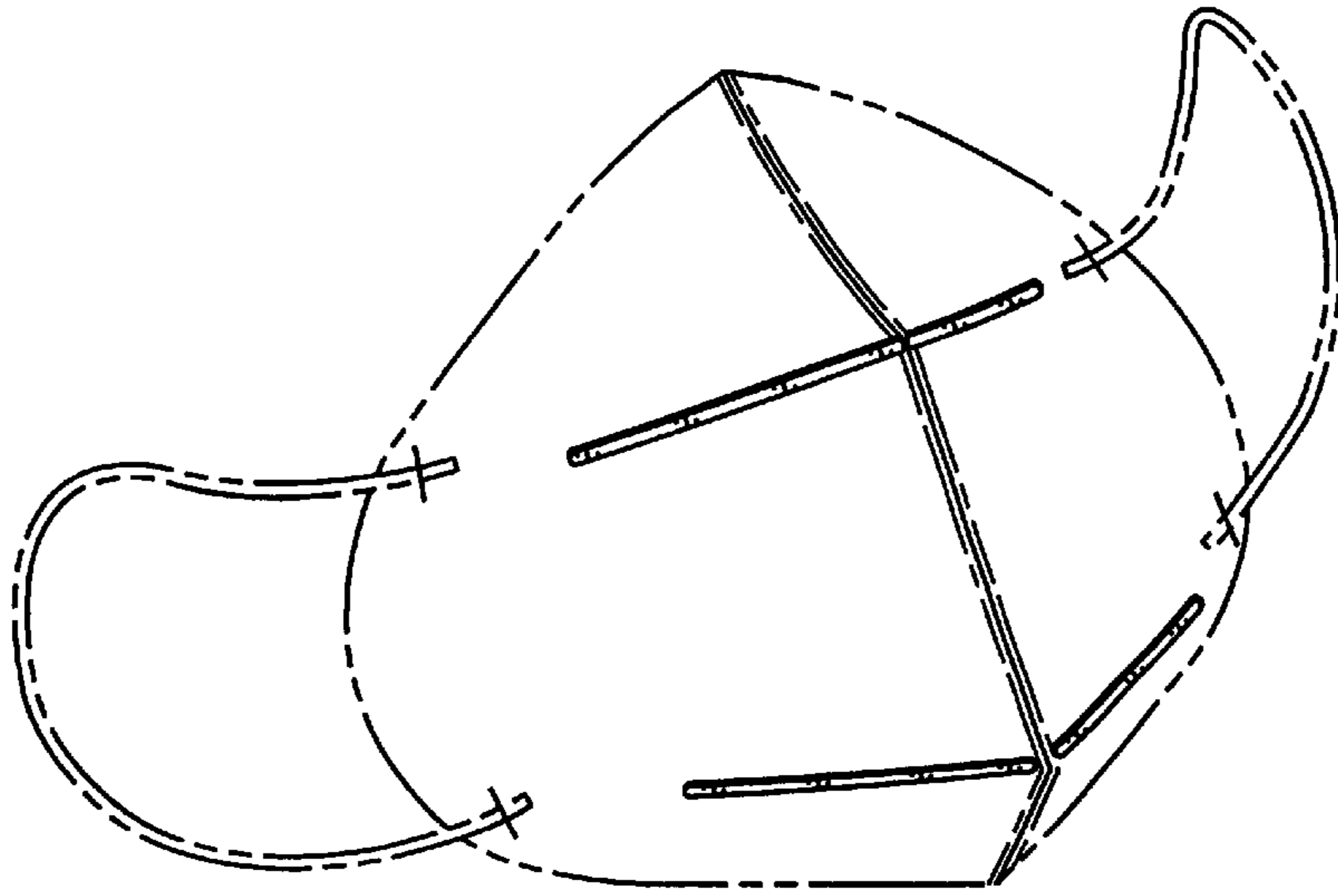
The broken line showing in FIGS. 1 through 6 are for  
illustrative purposes only and forms no part of the claimed  
design.

**FOREIGN PATENT DOCUMENTS**

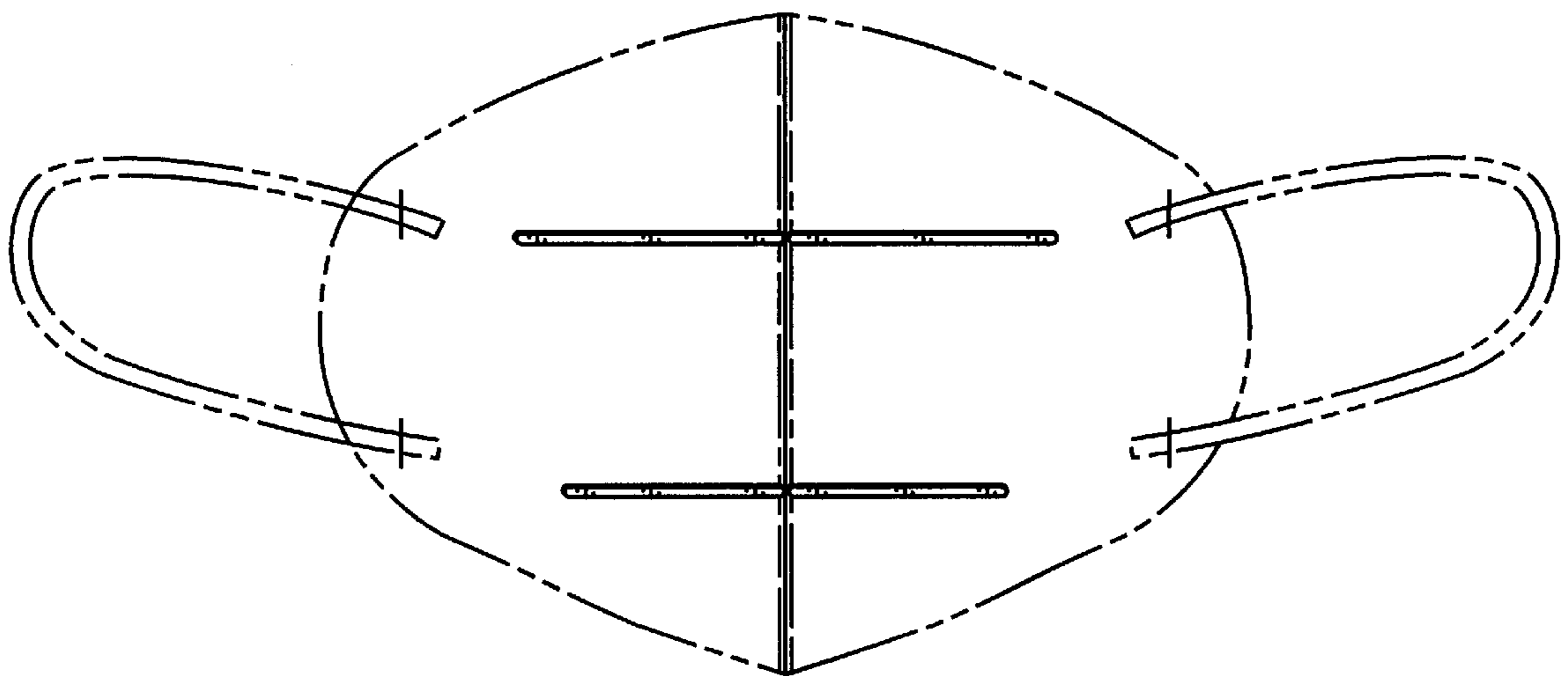
388638	3/1933	(GB) .
871661	6/1961	(GB) .
2103491A	2/1983	(GB) .
WO 96/28216	9/1996	(WO) .
WO 96/28217	9/1996	(WO) .
WO 97/32493	9/1997	(WO) .

**1 Claim, 2 Drawing Sheets**

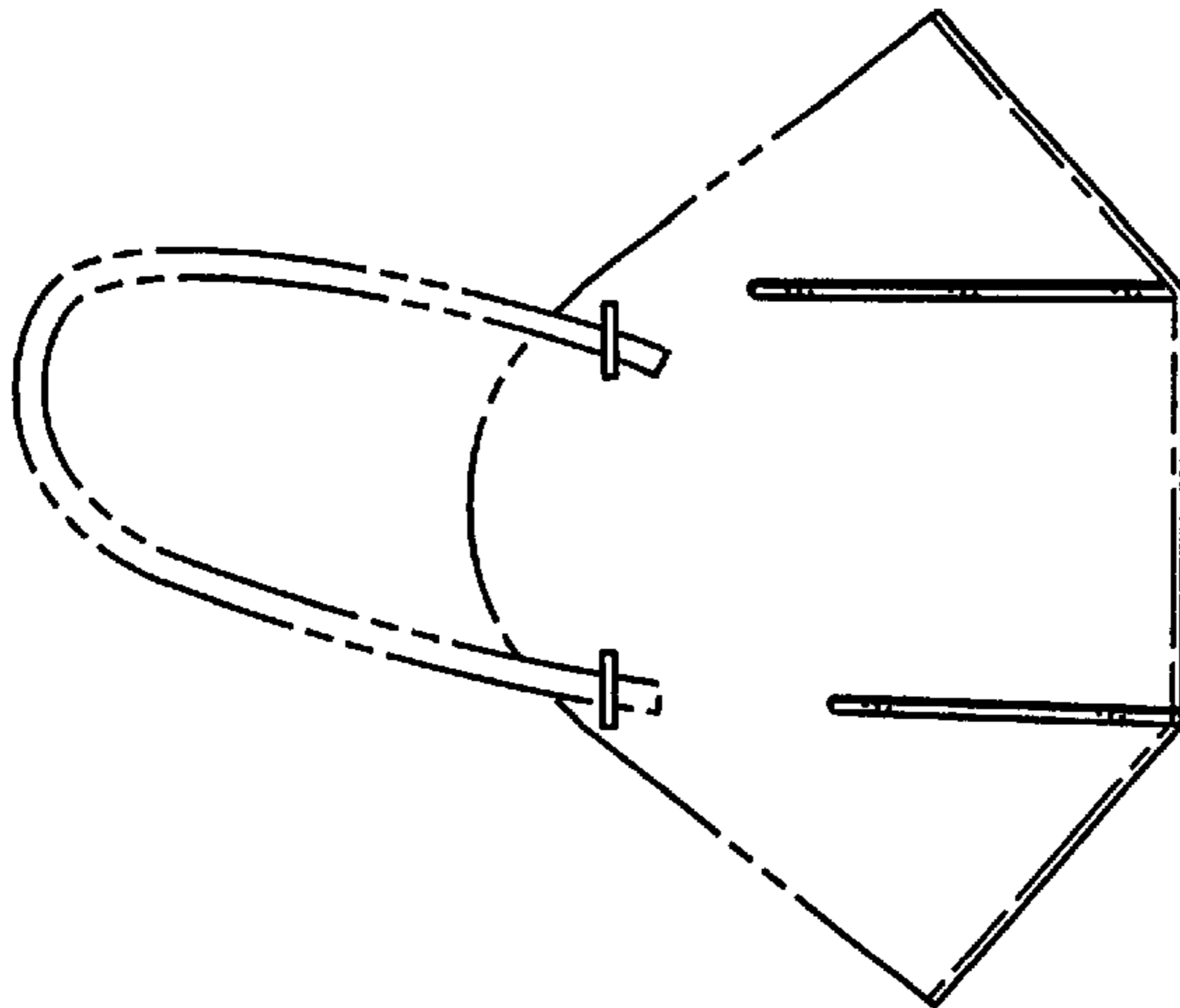




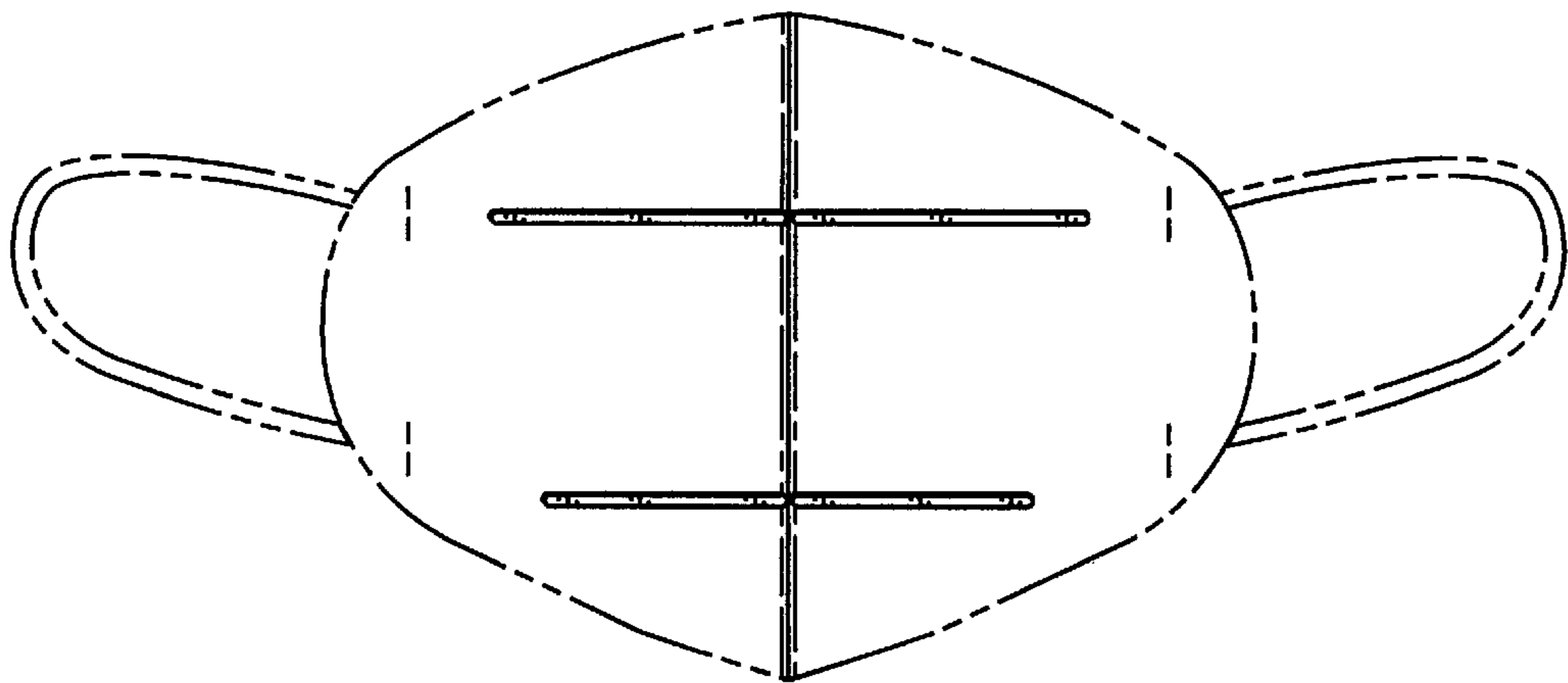
*Fig. 1*



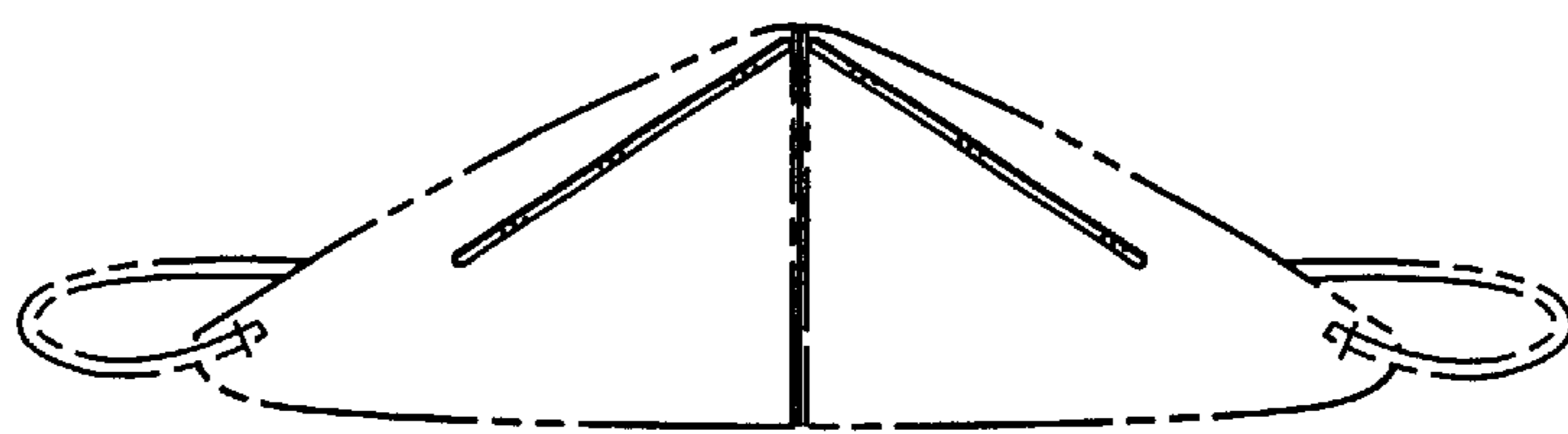
*Fig. 2*



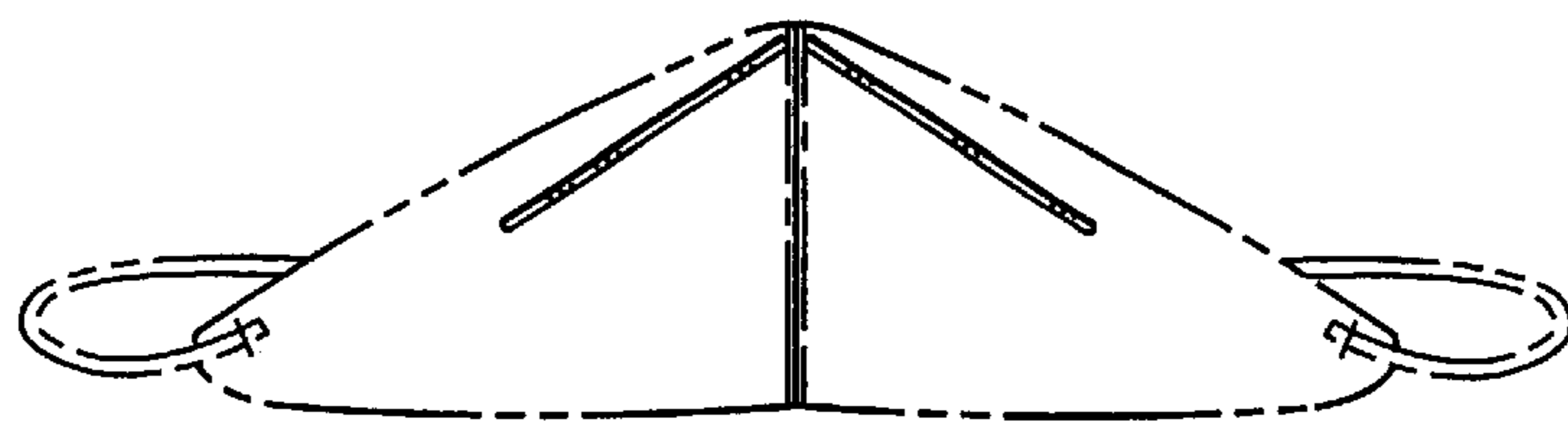
*Fig. 3*



*Fig. 4*



*Fig. 5*



*Fig. 6*