



US00D708734S

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

(10) **Patent No.:** **US D708,734 S**
(45) **Date of Patent:** **** Jul. 8, 2014**

(54) **RESPIRATORY MASK**
(75) Inventors: **Desmond T. Curran**, Durham (GB);
John M. Facer, Langley Park (GB);
Christopher P. Henderson, High
Shincliffe (GB); **Audra A. Wilson**,
Gateshead (GB)
(73) Assignee: **3M Innovative Properties Company**,
St. Paul, MN (US)

6,257,235 B1 * 7/2001 Bowen 128/206.21
D449,377 S * 10/2001 Henderson et al. D24/110.1
D458,364 S * 6/2002 Curran et al. D24/110.1
D459,471 S * 6/2002 Curran et al. D24/110
6,460,539 B1 10/2002 Japuntich
6,584,976 B2 * 7/2003 Japuntich et al. 128/206.15
6,823,868 B1 11/2004 Begum
6,827,764 B2 12/2004 Springett et al.
6,886,563 B2 5/2005 Bostock et al.
6,923,182 B2 8/2005 Angadjivand et al.
6,948,499 B2 9/2005 Griesbach, III et al.
7,131,442 B1 11/2006 Kronzer et al.

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

(Continued)

(21) Appl. No.: **29/279,565**

FOREIGN PATENT DOCUMENTS

(22) Filed: **May 3, 2007**

EP 209838 A1 1/1987
EP 0814871 B1 1/2002

(51) **LOC (10) Cl.** **24-02**

(Continued)

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

(58) **Field of Classification Search**
USPC D24/108-110.5; 128/206.12, 206.19,
128/206.27, 205.25, 206.13, 206.14,
128/206.18, 206.21, 206.24, 206.25,
128/206.28, 207.13; D29/108
See application file for complete search history.

Primary Examiner — Ian Simmons
Assistant Examiner — Charles Hanson
(74) *Attorney, Agent, or Firm* — Karl G. Hanson

(57) **CLAIM**
The ornamental design for a respiratory mask, as shown and described.

(56) **References Cited**

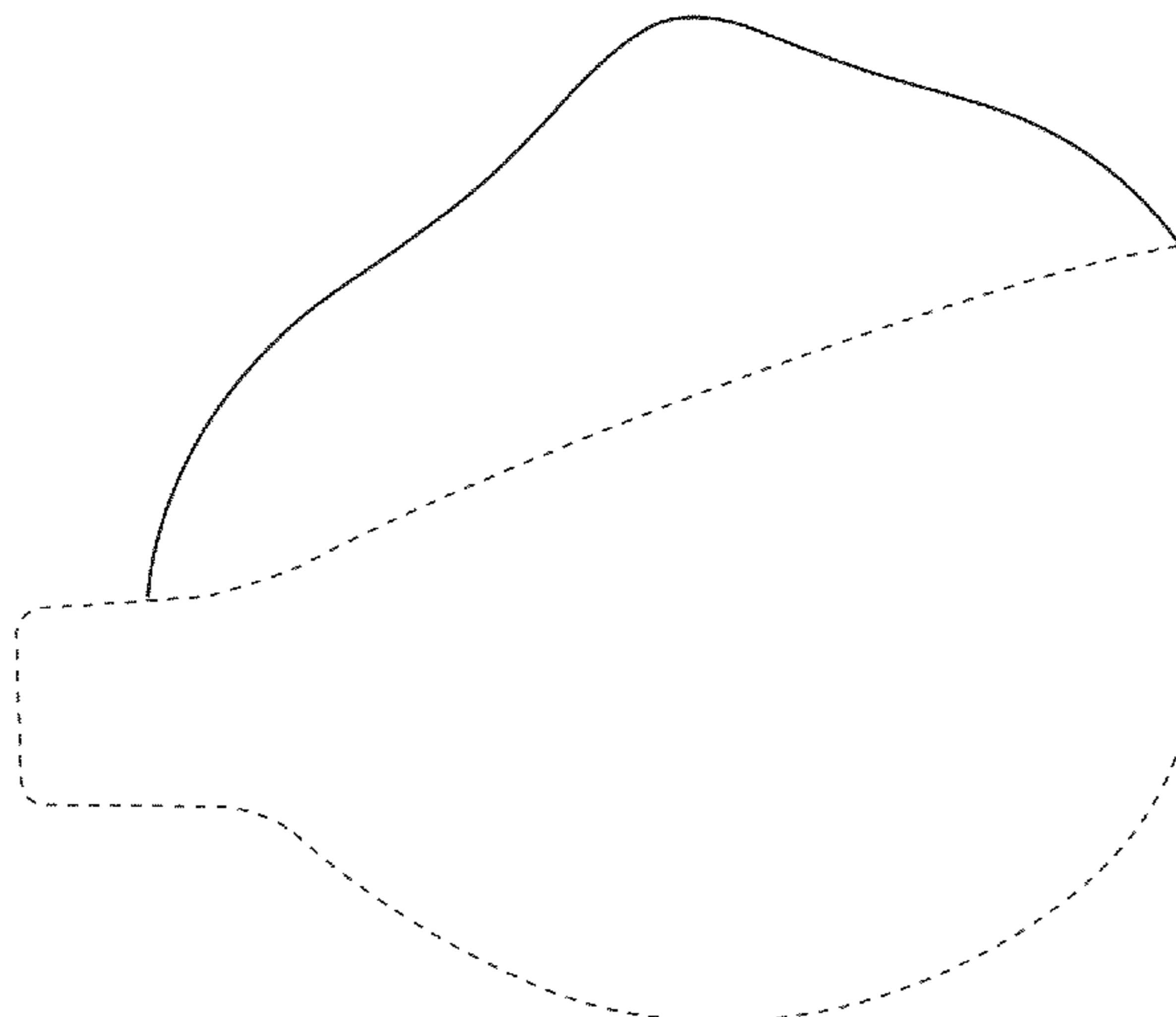
DESCRIPTION

U.S. PATENT DOCUMENTS

4,319,567 A 3/1982 Magidson
4,641,645 A 2/1987 Tayebi
4,850,347 A 7/1989 Skov
5,025,506 A 6/1991 Huang
5,419,318 A 5/1995 Tayebi
5,558,089 A 9/1996 Castiglione
5,628,308 A 5/1997 Harges, Jr. et al.
5,717,991 A * 2/1998 Nozaki et al. 2/9
5,884,336 A 3/1999 Stout
6,102,040 A 8/2000 Tayebi et al.
6,123,077 A 9/2000 Bostock et al.
6,173,712 B1 * 1/2001 Brunson 128/206.19

FIG. 1 is a perspective view of a respiratory mask showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a top view thereof;
FIG. 5 is a bottom view thereof; and,
FIG. 6 is a right side view, the left side view being a mirror image thereof.
The broken line showing is included for the purpose of illustrating environment and forms no part of the claimed design.

1 Claim, 3 Drawing Sheets



(56)

References Cited

2007/0084469 A1 4/2007 McDonald et al.

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

7,178,528 B2 * 2/2007 Lau et al. 128/207.18
D575,390 S * 8/2008 Scott et al. D24/110.6
D613,850 S * 4/2010 Holmquist-Brown
et al. D24/110.1
D620,104 S * 7/2010 Curran et al. D24/110.1
2002/0056450 A1 5/2002 Lee
2004/0011362 A1 1/2004 Angadjivand et al.
2005/0016544 A1 1/2005 Thornton
2005/0139218 A1 6/2005 Bostock et al.
2006/0174890 A1 8/2006 Cheng

GB 2304054 A 3/1997
JP 60-116352 8/1985
JP 11-50184 2/1999
JP 3072027 U 9/2000
JP 2001-000565 1/2001
JP 2006-320629 11/2006
JP 2007-54270 3/2007

* cited by examiner

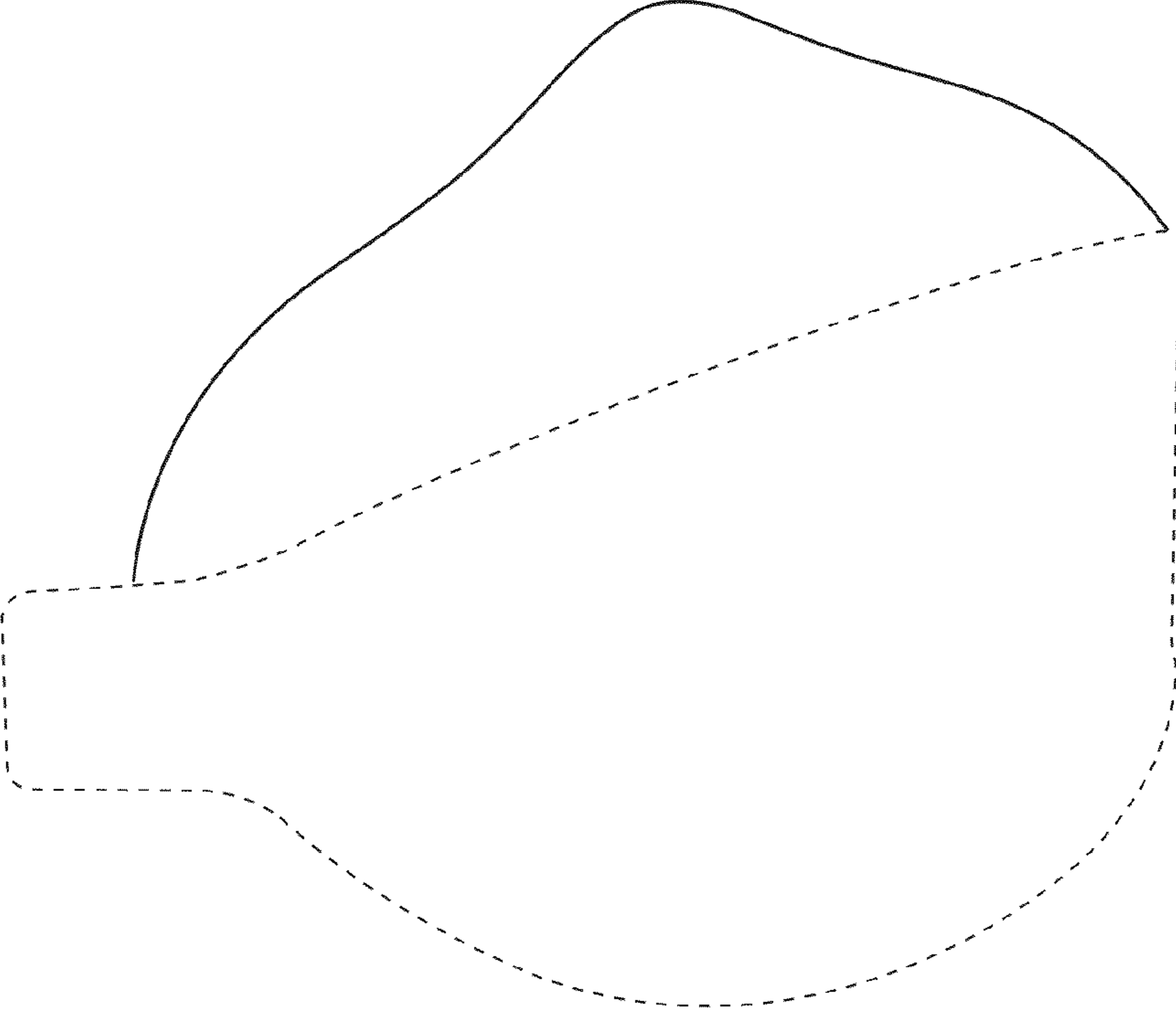


Fig. 1

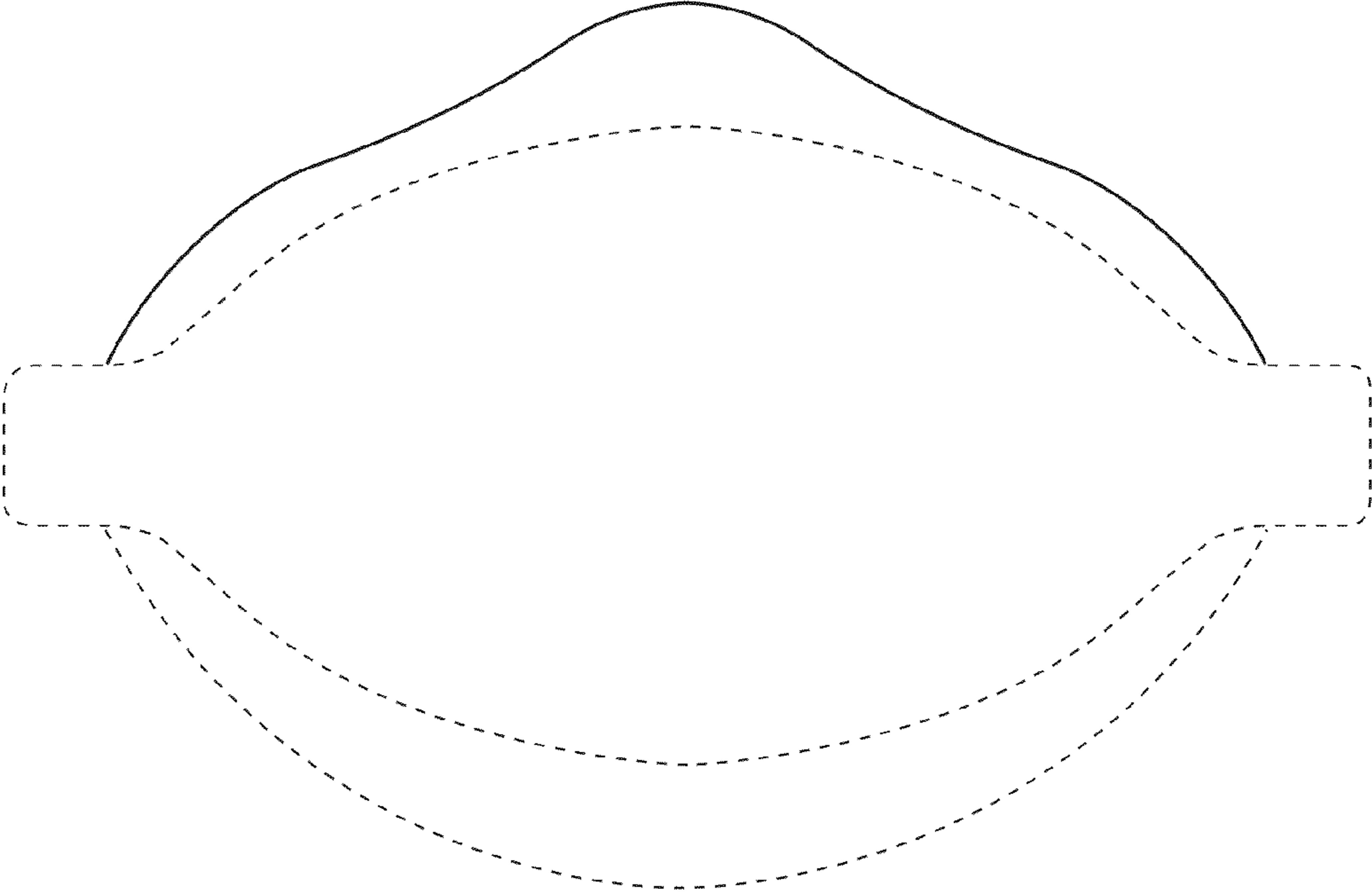


Fig. 2

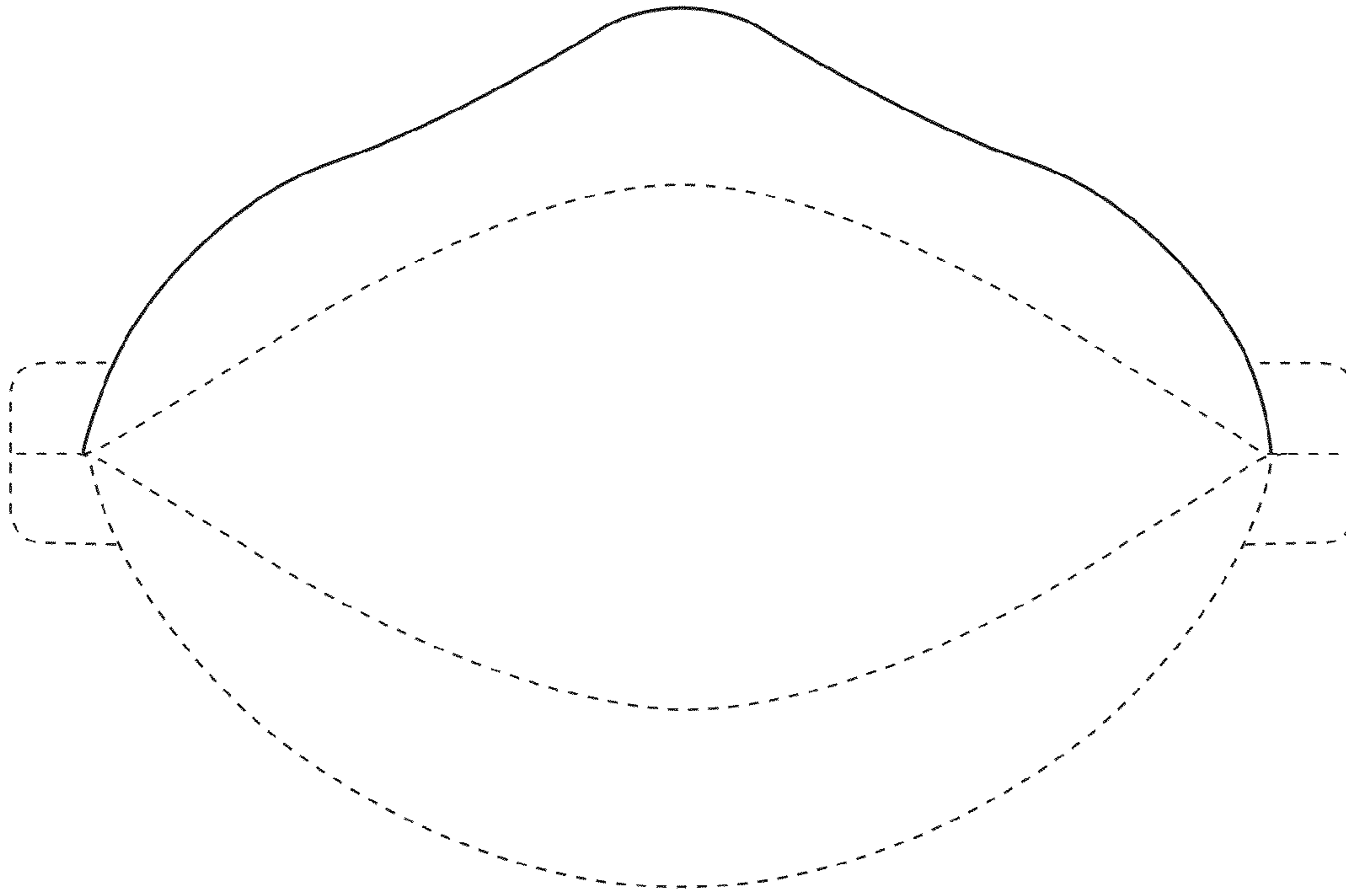


Fig. 3

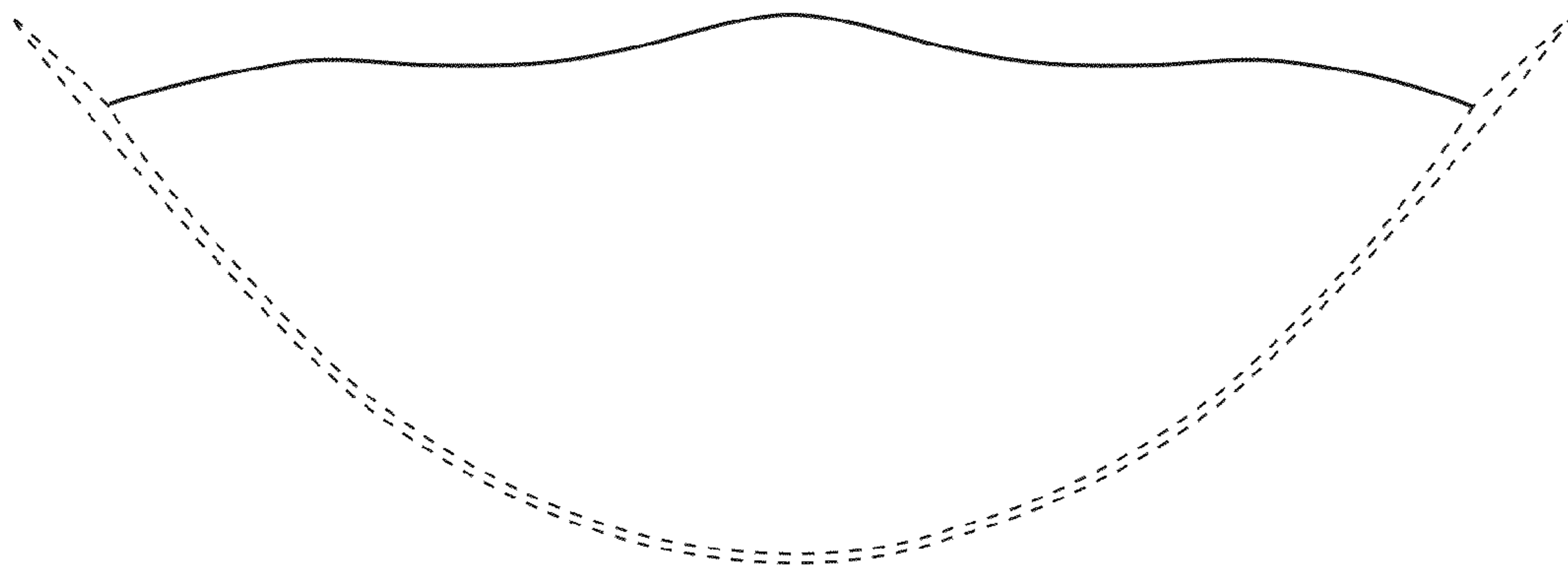


Fig. 4

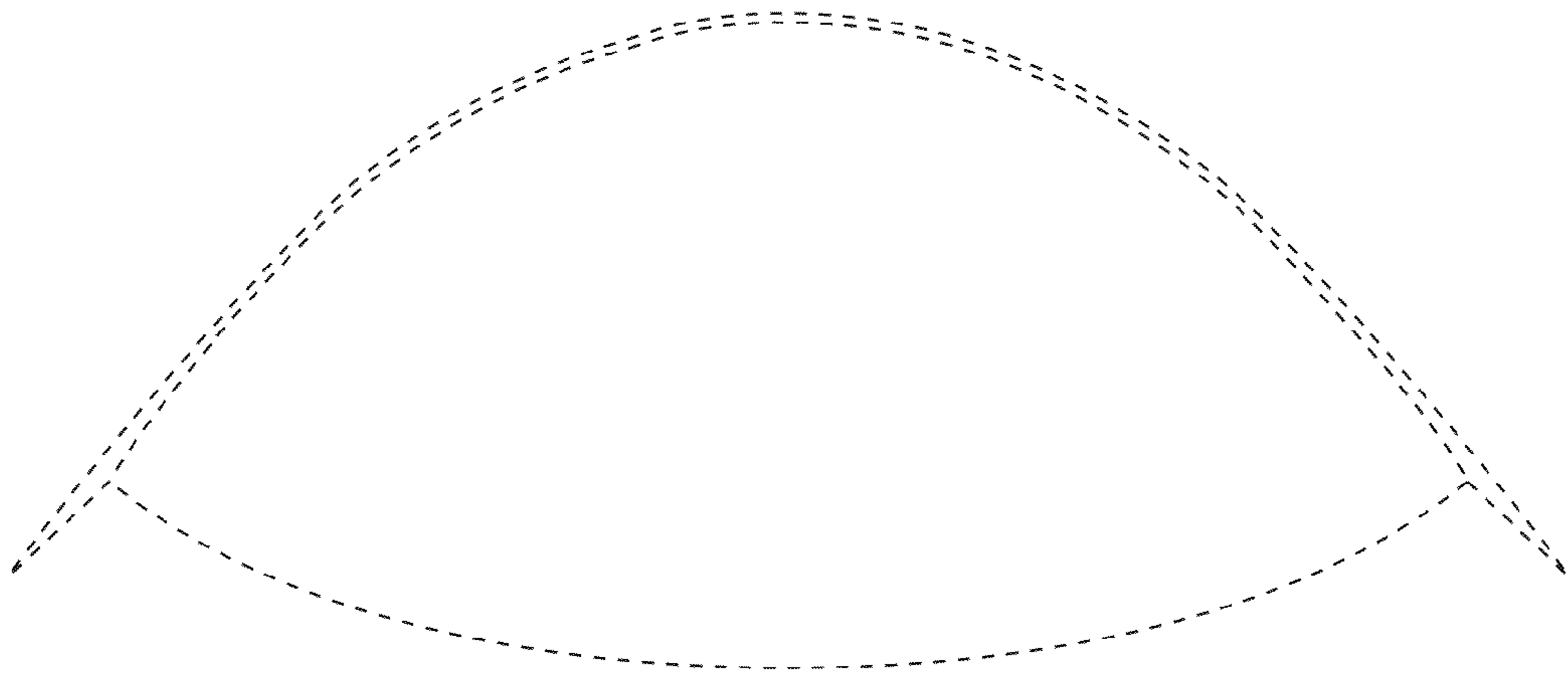


Fig. 5

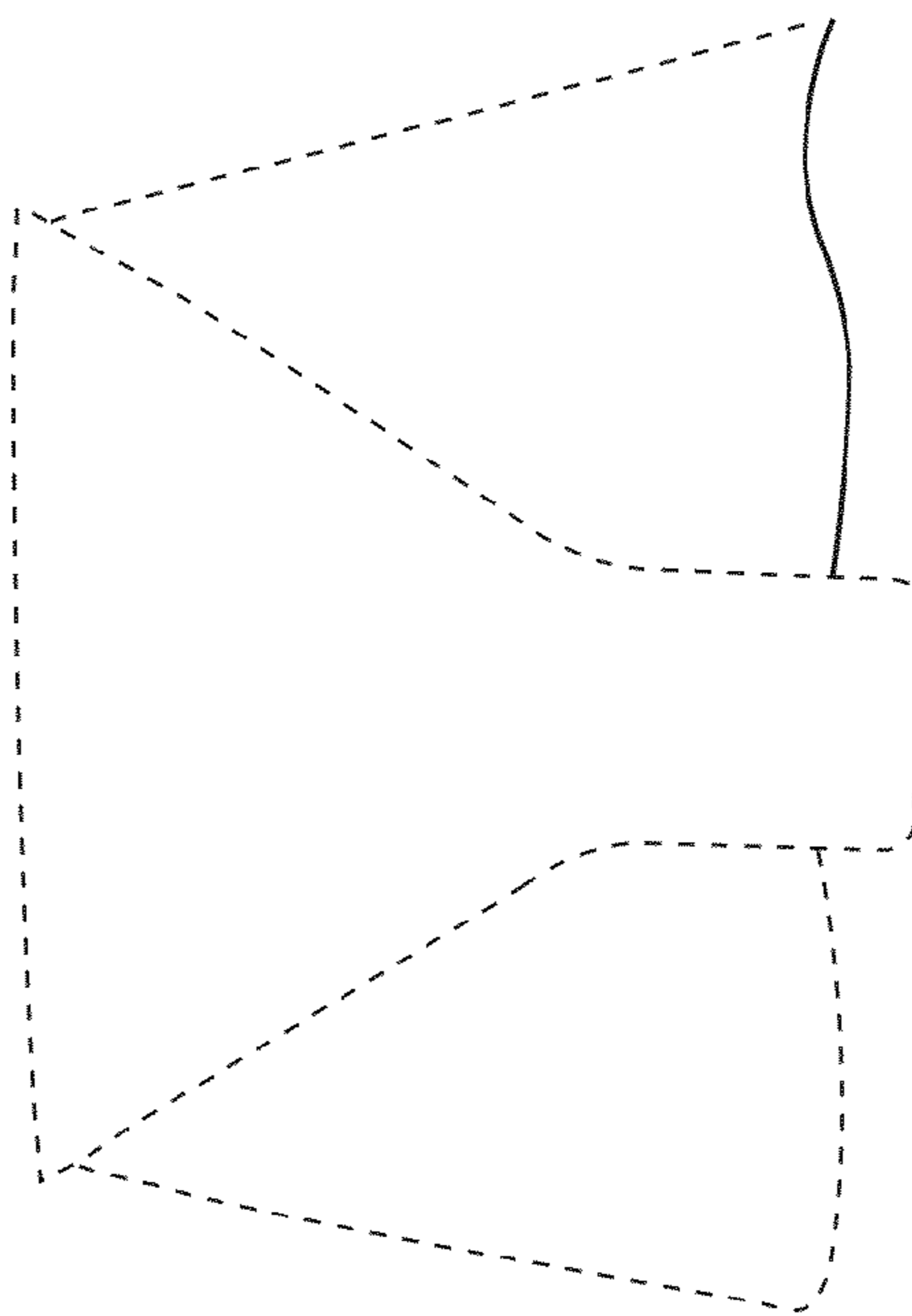


Fig. 6