



US00D635659S

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

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(45) **Date of Patent:** **** Apr. 5, 2011**

(54) **INHALER**

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

(21) Appl. No.: **29/361,019**

(22) Filed: **May 4, 2010**

(51) **LOC (9) Cl.** **24-01**

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

(58) **Field of Classification Search** D24/108–110.5;
128/200.14–200.23, 203.12–203.24

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D299,066 S	12/1988	Newell et al.	
D342,994 S *	1/1994	Rand et al.	D24/110
D355,029 S	1/1995	Kinneir et al.	
5,469,843 A	11/1995	Hodson	
D379,506 S	5/1997	Maher	
5,655,523 A	8/1997	Hodson et al.	
5,740,793 A	4/1998	Hodson et al.	
D499,802 S	12/2004	Pinon et al.	
D514,222 S	1/2006	Anderson et al.	
D518,171 S	3/2006	Anderson et al.	
7,107,988 B2 *	9/2006	Pinon et al.	128/203.15
D550,350 S	9/2007	Clarke et al.	
D557,798 S	12/2007	Greenhalgh et al.	
D557,799 S	12/2007	Greenhalgh et al.	
D560,793 S *	1/2008	Pearl et al.	D24/110
D569,967 S *	5/2008	Pearl et al.	D24/110
D576,724 S *	9/2008	Jensen et al.	D24/110
D585,541 S *	1/2009	Petersen	D24/110
D585,978 S *	2/2009	Petersen	D24/110

D590,495 S	4/2009	Lulla et al.	
D590,938 S	4/2009	Lulla et al.	
D596,432 S	7/2009	Sarkar et al.	
D613,848 S *	4/2010	Harvey et al.	D24/110

OTHER PUBLICATIONS

“Advair for Asthma: Is there more you can do to help prevent asthma symptoms?”, GlaxoSmithKline [on line], [retrieved from the internet on Feb. 3, 2010], <<http://www.advair.com/asthma/asthma.html>>, pp. 2.

“Chiesi”, Cambridge Consultants, Cambridge, Massachusetts, USA [on line], [retrieved from the internet on Feb. 3, 2010], <http://www.cambridgeconsultants.com/cs_chiesi.html>, pp. 1.

Cipla Multihaler, Cipla Ltd., Mumbai, India [on line], [retrieved from the internet on Feb. 15, 2010], <<http://www.cipladoc.com/therapeutic/imgs/multihaler.jpg>>, pp. 1.

Gyrohaler .jpg file, Investis, London, United Kingdom [on line], [retrieved from the internet on Feb. 15, 2010], <http://production.investis.com/vec/images/gyrohaler1_lib_bg.jpg>, pp. 1.

(Continued)

Primary Examiner — Charles A Rademaker

Assistant Examiner — Charles D Hanson

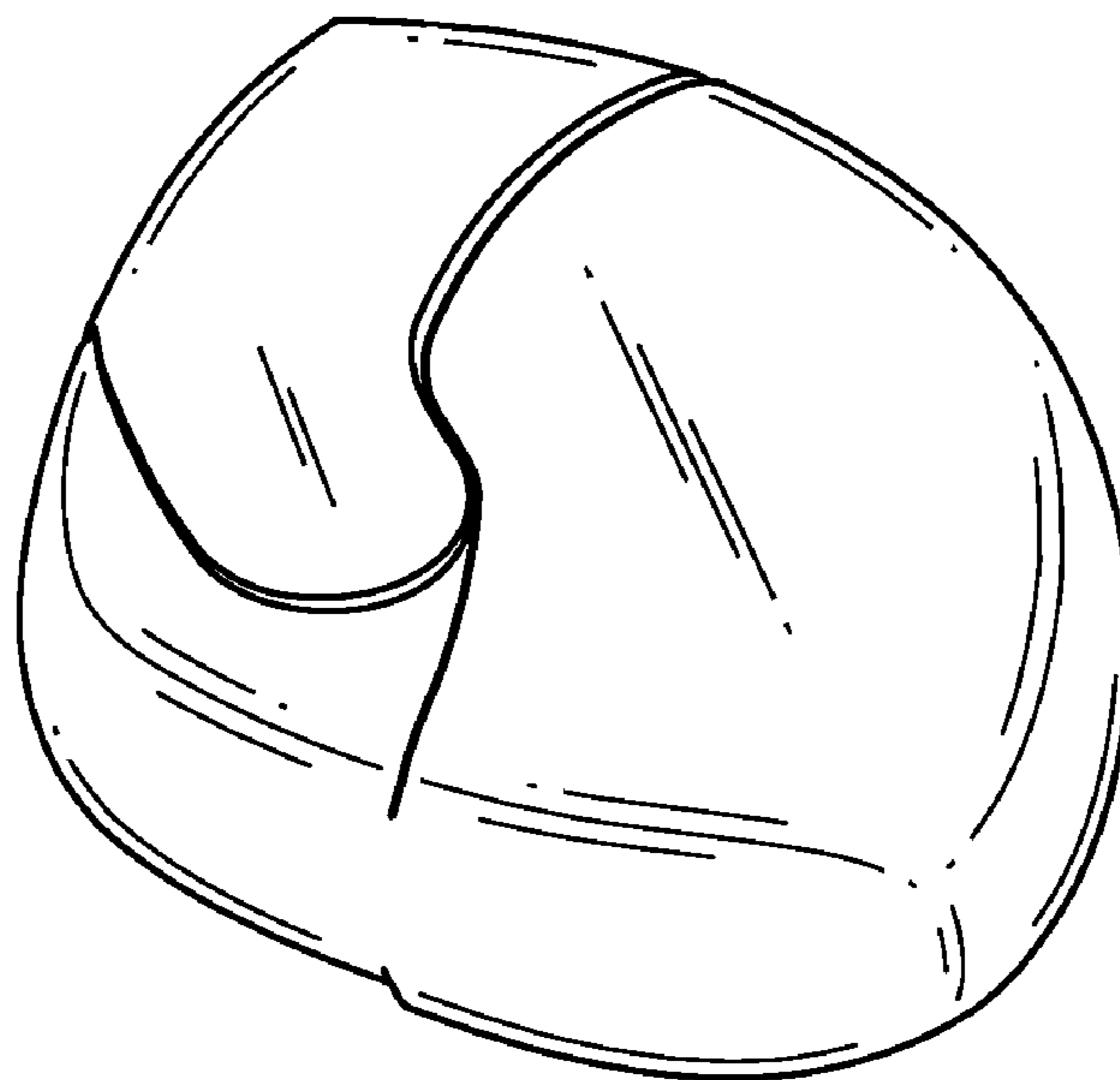
(57) **CLAIM**

The ornamental design for an inhaler, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of an inhalation device showing our new design;
FIG. 2 is a front elevation thereof;
FIG. 3 is a rear elevation thereof;
FIG. 4 is a side elevation thereof;
FIG. 5 is a side elevation thereof opposite FIG. 4;
FIG. 6 is an end elevation thereof; and,
FIG. 7 is an end elevation of the end opposite thereof, opposite FIG. 6.

1 Claim, 2 Drawing Sheets



OTHER PUBLICATIONS

“Relenza (Zanamivir) Inhalation Powder: Diskhaler for Delivery to the Respiratory Tract”, GlaxoSmithKline [on line], [retrieved from the internet on Feb. 10, 2010], <<http://www.relenza.com/hcp/relenza-diskhaler-delivery-system.html>>, pp. 3.

“How to use your Aerohaler”, Datapharm Communications Limited, Surrey, United Kingdom [on line], [retrieved from the internet on Feb. 3, 2010], <<http://medguides.medicines.org.uk/ai/ai1010/aerohaler.htm>>.

Respirics Research and Development, Respirics, Inc., Raleigh, North Carolina, USA [on line] [retrieved from the internet on Feb. 3, 2010], <<http://www.respirics.com/research/acu-breathe.html>>, pp. 2.

“Taking Spiriva”, Boehringer Ingelheim Pharmaceuticals, Inc., Ridgefield, Connecticut, USA [on line], [retrieved from the internet on Feb. 10, 2010], <<http://www.spiriva.com/consumer/taking-spiriva/index.jsp>>, pp. 2.

“The dry powder inhaler for Blister based multidose inhaler”, RPC Formatec GmbH, Mellrichstadt, Germany [on line], [retrieved from the internet on Feb. 10, 2010], <<http://www.rpc-formatec.de/XtraHaler-en.html>>, pp. 2.

“The MicroDose Dry Powder Inhaler”, MicroDose Therapeutx, Inc., Monmouth Junction, New Jersey, USA [on line], [retrieved from the internet on Feb. 3, 2010], <<http://mdtx.com/delivery-platforms/dry-powder-inhaler/>>, pp. 5.

“Valois Pharma’s Prohaler Dry Powder Inhaler Secures Dose Delivery for Asthma Sufferers”, Valois Pharma [on line], May 2009, [retrieved from the internet on Feb. 3, 2010], <<http://www.valois.com/admin/presse/communique/fichier/XG12518175234a9d3833d24bd.pdf>>, pp. 1.

* cited by examiner

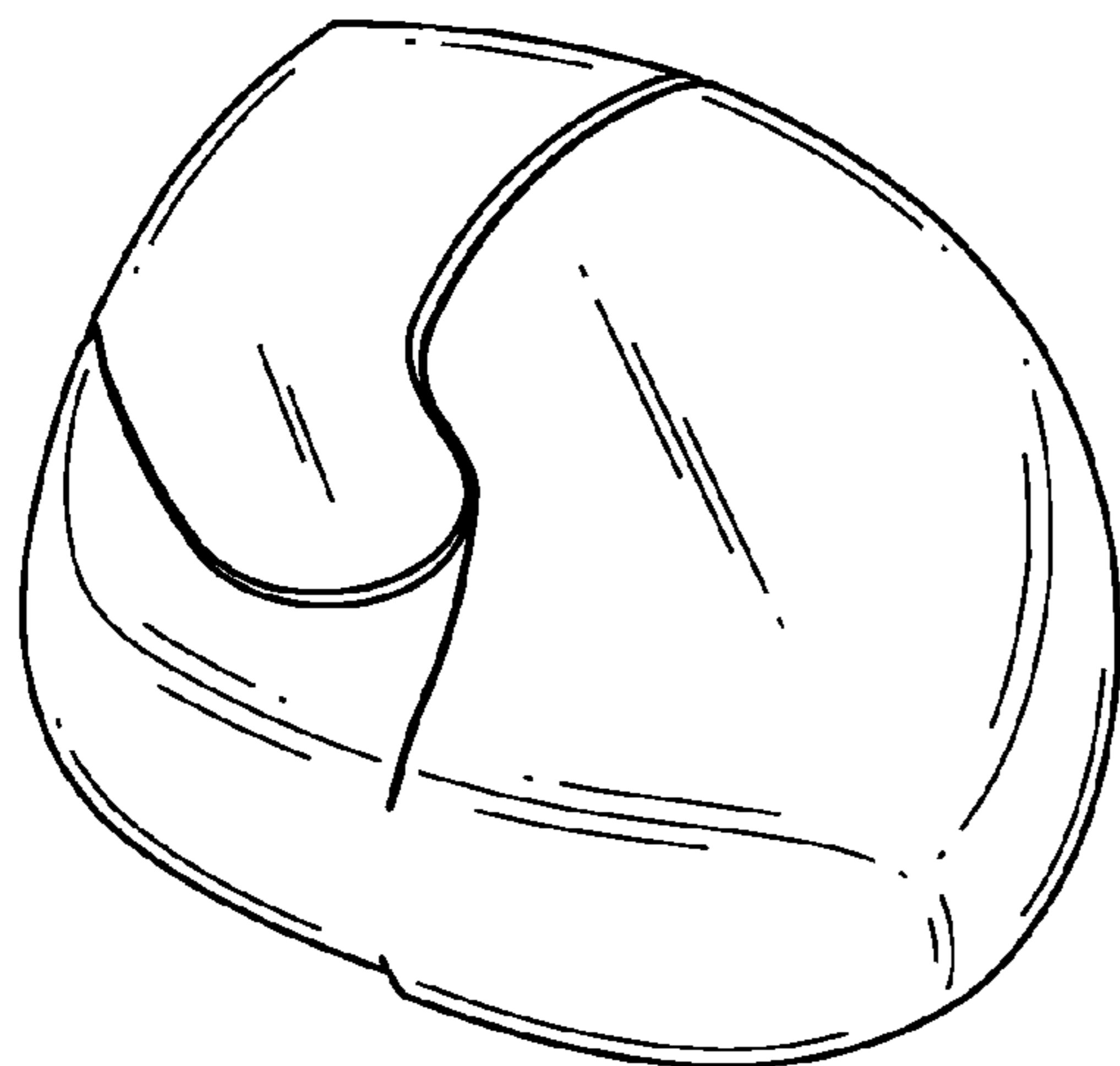


FIG. 1

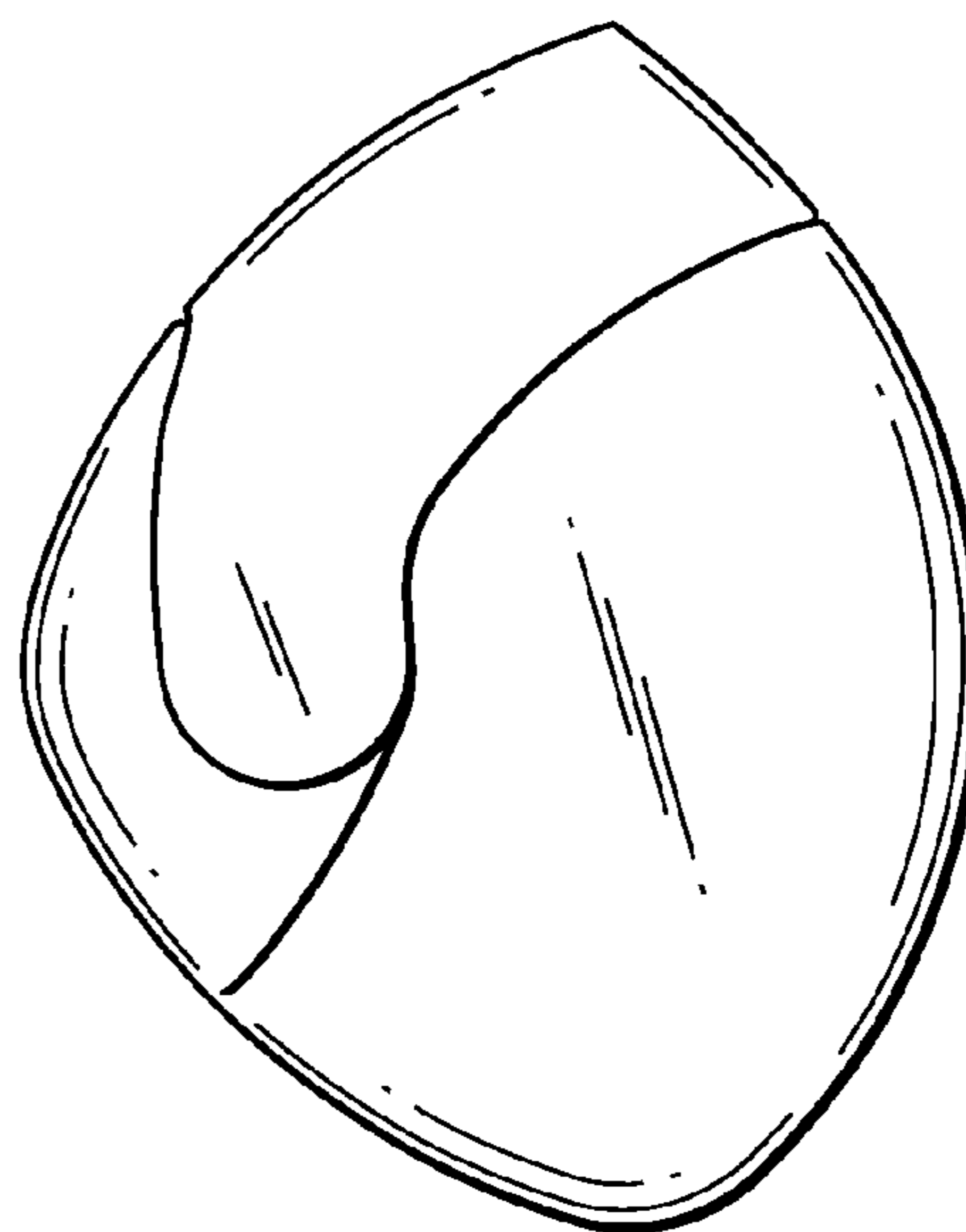


FIG. 2

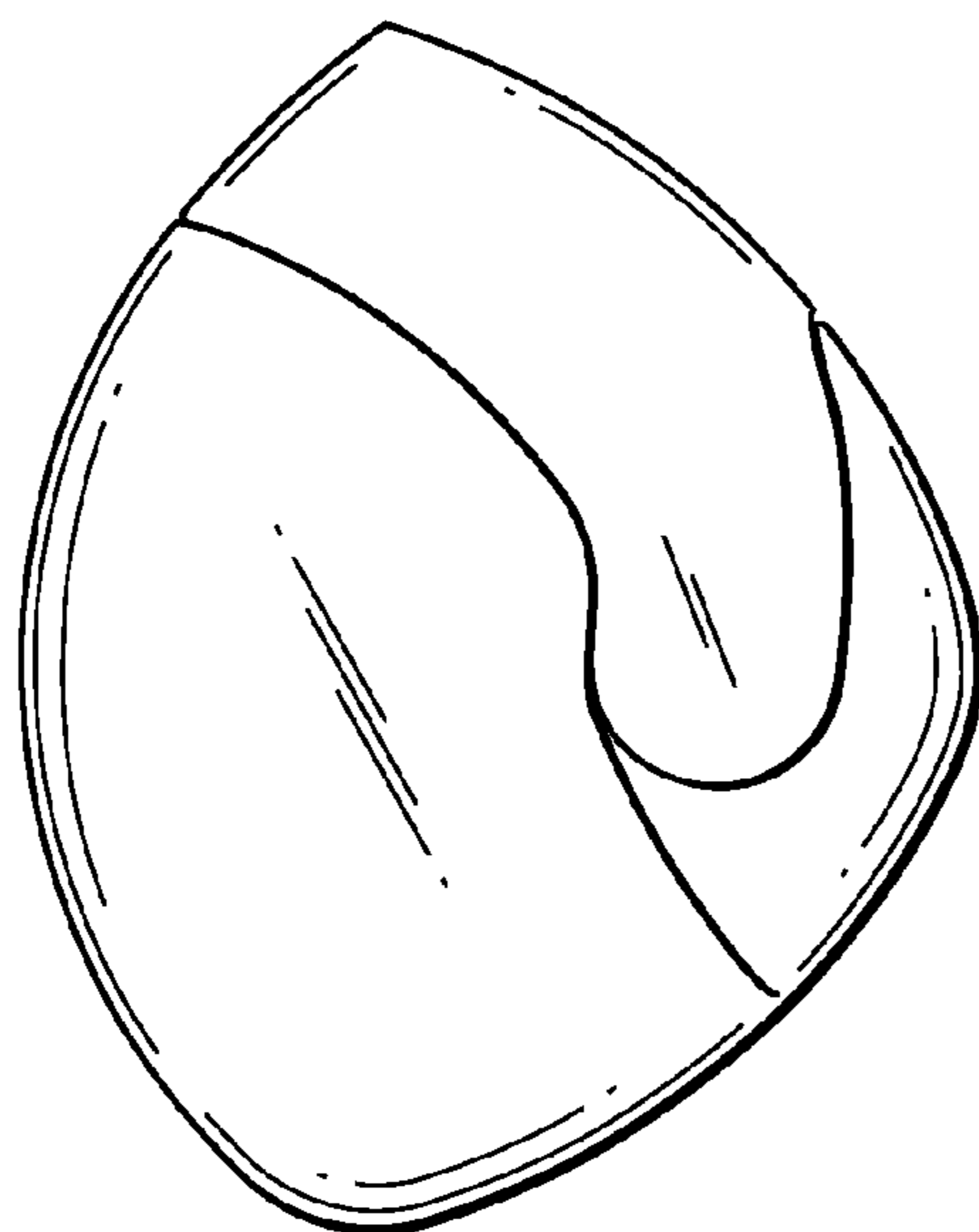


FIG. 3

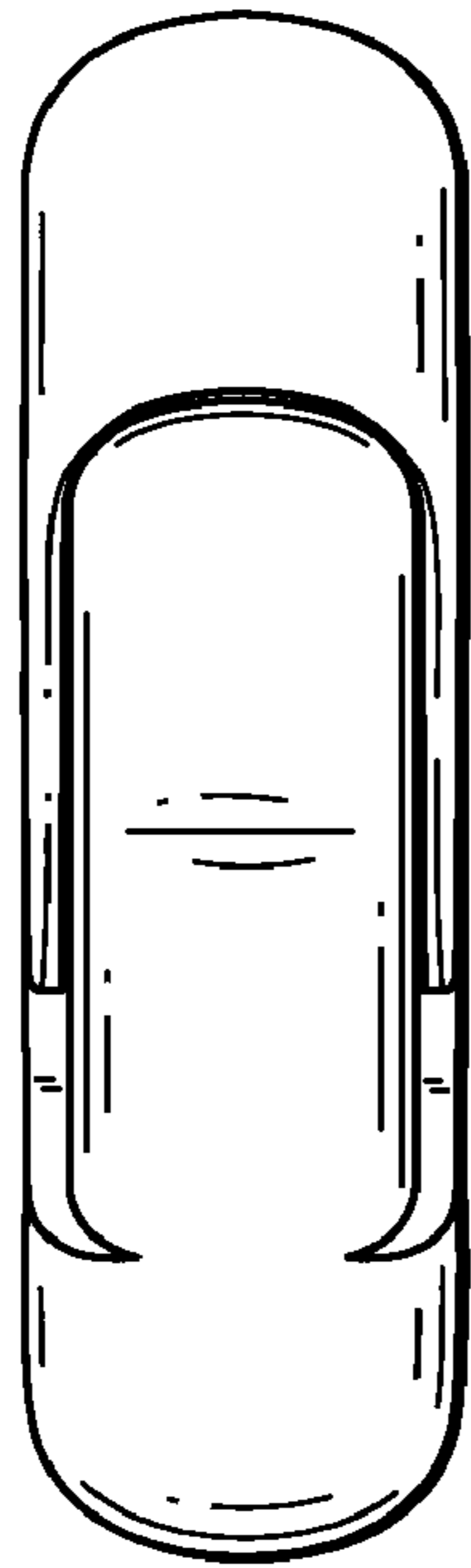


FIG. 4

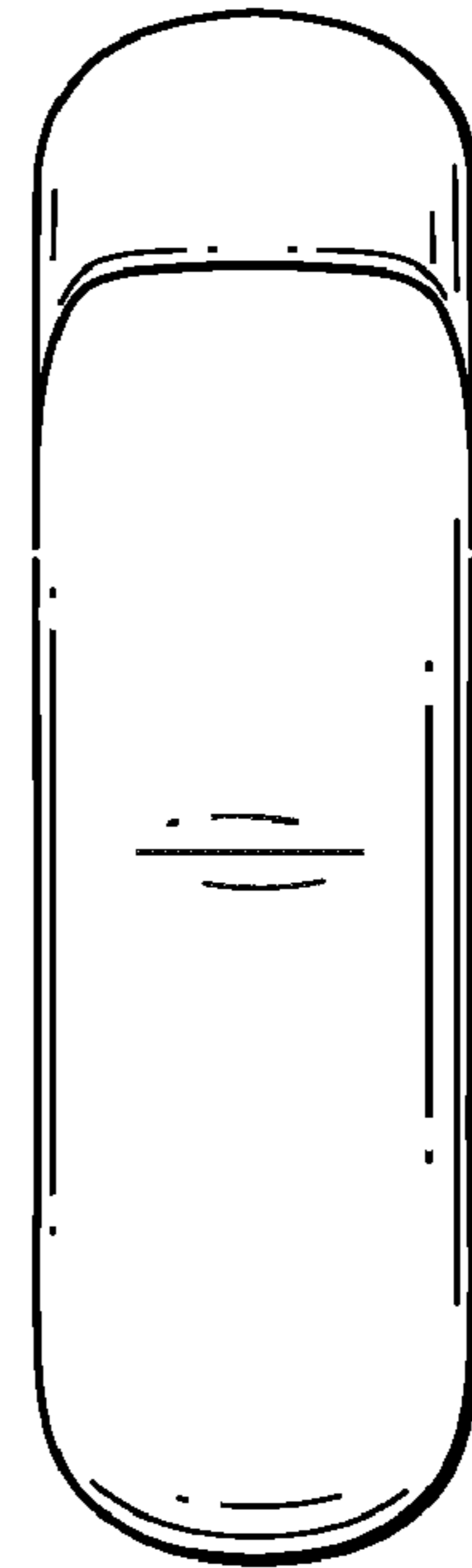


FIG. 5

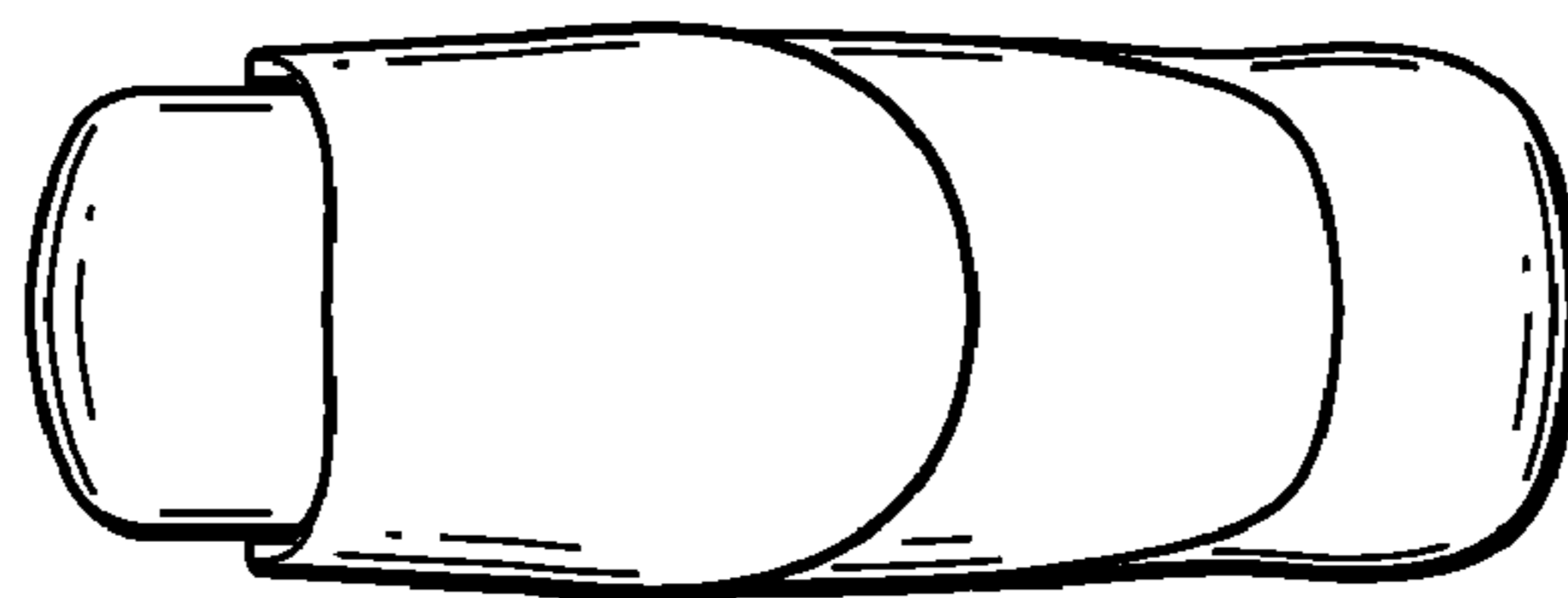


FIG. 6

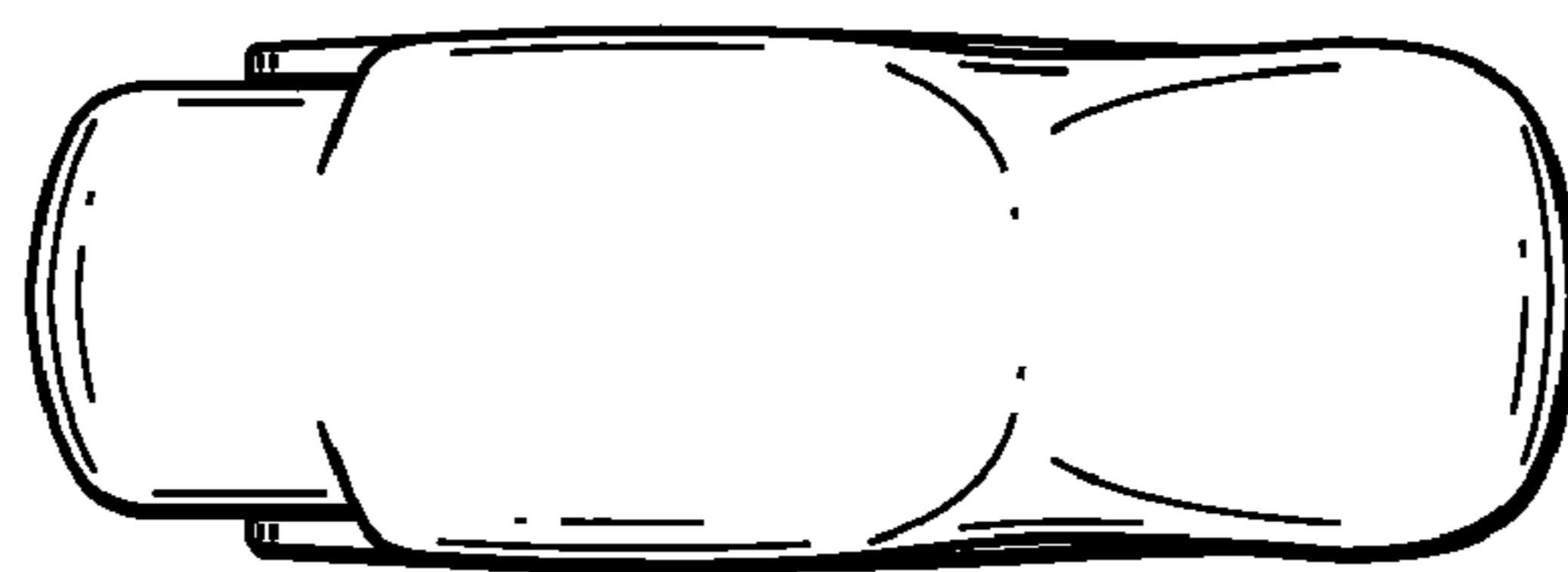


FIG. 7

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D635,659 S
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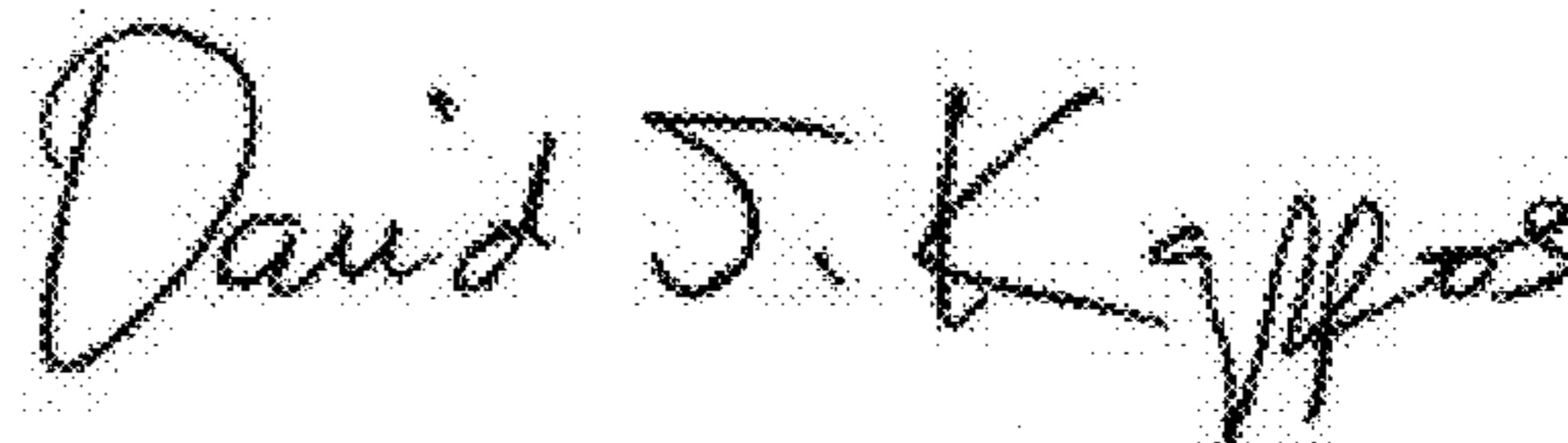
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page.

Add Item (30) Foreign Application Priority Data

November 18, 2009 (EU) European Office for Harmonization 1178537-1/7

Signed and Sealed this
Twentieth Day of December, 2011

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, slightly slanted style.

David J. Kappos
Director of the United States Patent and Trademark Office