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

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(45) **Date of Patent:** **** Aug. 29, 2017**

(54) **PATIENT INTERFACE CONNECTOR FOR A
PATIENT INTERFACE ASSEMBLY OF A
RESPIRATORY SYSTEM**

D551,340 S 9/2007 Wood et al.
D556,900 S 12/2007 Guney et al.
D559,383 S 1/2008 Nalagatla et al.
D566,835 S 4/2008 Andrews et al.

(Continued)

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(**) Term: **15 Years**

(21) Appl. No.: **29/551,896**

(22) Filed: **Jan. 18, 2016**

Related U.S. Application Data

(62) Division of application No. 29/470,958, filed on Oct.
25, 2013, now Pat. No. Des. 747,792.

(51) **LOC (10) Cl.** **08-08**

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

(58) **Field of Classification Search**
USPC D24/110; D8/72, 394-396; D19/56, 65;
D28/40; D32/61, 60, 62-64; 24/67.3
CPC A62C 13/78; A47K 10/14; A47G 25/0657;
A47G 1/21; E05C 19/145; B63B 19/24;
F16L 33/12; F16L 33/08; F16L 33/02
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,335,656 A 8/1994 Nowe et al.
D533,269 S 12/2006 McAuley et al.
7,178,525 B2 2/2007 Matula et al.
7,231,921 B2 6/2007 Palmer

OTHER PUBLICATIONS

U.S. Appl. No. 29/429,471, filed Aug. 10, 2012.

Primary Examiner — Wan Laymon
Assistant Examiner — Mark Booker

(74) *Attorney, Agent, or Firm* — Knobbe, Martens, Olson
& Bear, LLP

(57) **CLAIM**

The ornamental design for the patient interface connector for
a patient interface assembly of a respiratory system, as
shown and described.

DESCRIPTION

FIG. 1 is a perspective view showing a patient interface
connector that can be connected to the nasal cannula body,
that embodies the design.

FIG. 2 is a front view of the patient interface connector of
FIG. 1.

FIG. 3 is a rear view of the patient interface connector of
FIG. 1.

FIG. 4 is a right side view of the patient interface connector
of FIG. 1.

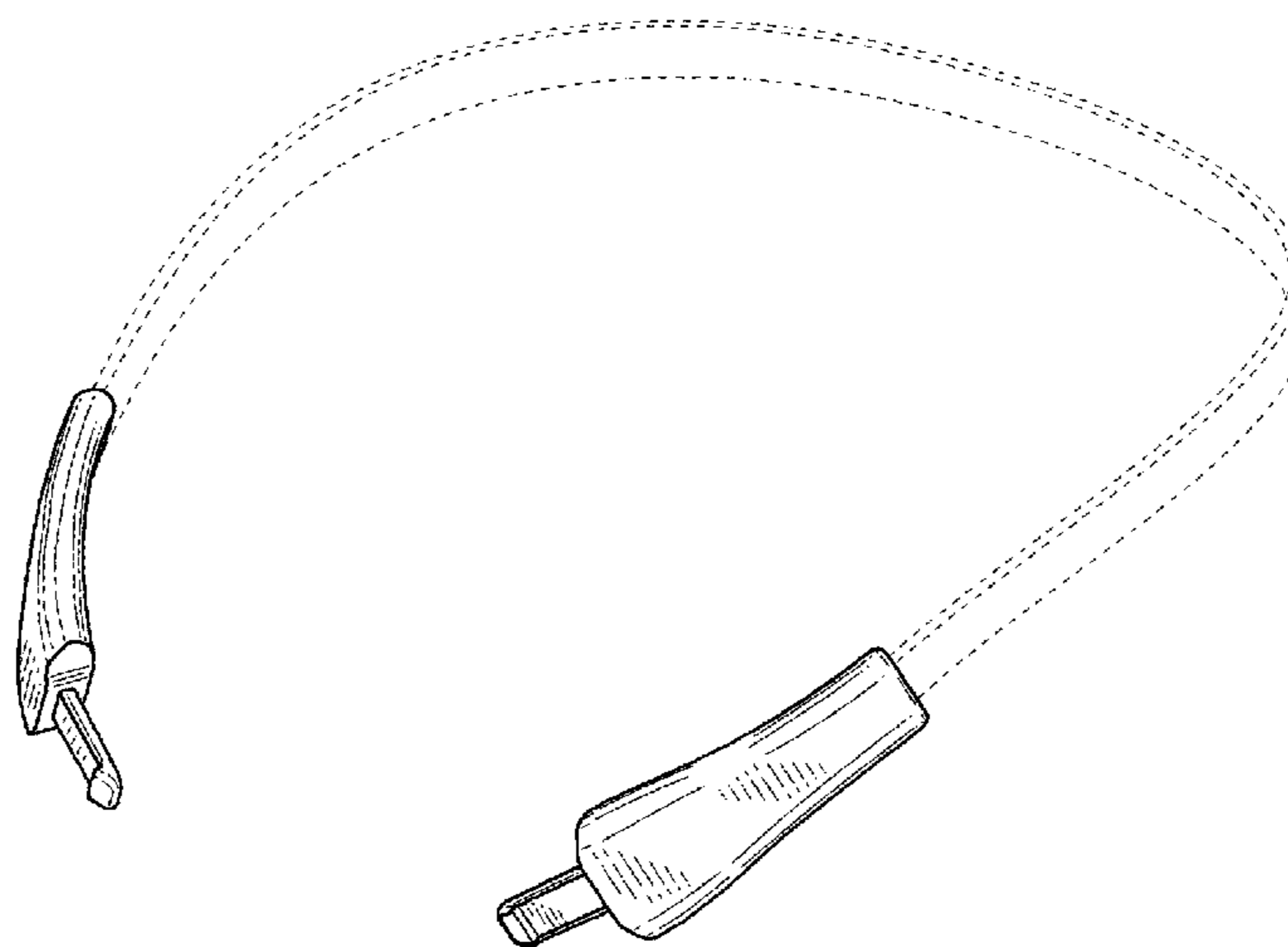
FIG. 5 is a left side view of the patient interface connector
of FIG. 1.

FIG. 6 is a top view of the patient interface connector of FIG.
1; and,

FIG. 7 is bottom view of the patient interface connector of
FIG. 1.

The broken lines shown in the figures represent portions of
the patient interface connector for a patient interface assem-
bly of a respiratory system that form no part of the claimed
design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D586,911	S	2/2009	McAuley et al.	
7,493,902	B2	2/2009	White et al.	
7,559,327	B2	7/2009	Hernandez	
D610,901	S *	3/2010	Jones	D8/394
D614,290	S	4/2010	Judson et al.	
D627,059	S	11/2010	Wood et al.	
D637,285	S	5/2011	Bradley et al.	
7,987,850	B2	8/2011	Zollinger et al.	
D650,741	S	12/2011	Sun et al.	
D681,440	S *	5/2013	Yu	D8/396
D692,554	S	10/2013	Siew et al.	
D723,363	S *	3/2015	Symons	D8/396
D723,679	S *	3/2015	Neff	D24/110
D739,223	S *	9/2015	Paik	D8/396
D766,711	S *	9/2016	Babbage	D8/394
2010/0192957	A1	8/2010	Hobson et al.	

* cited by examiner

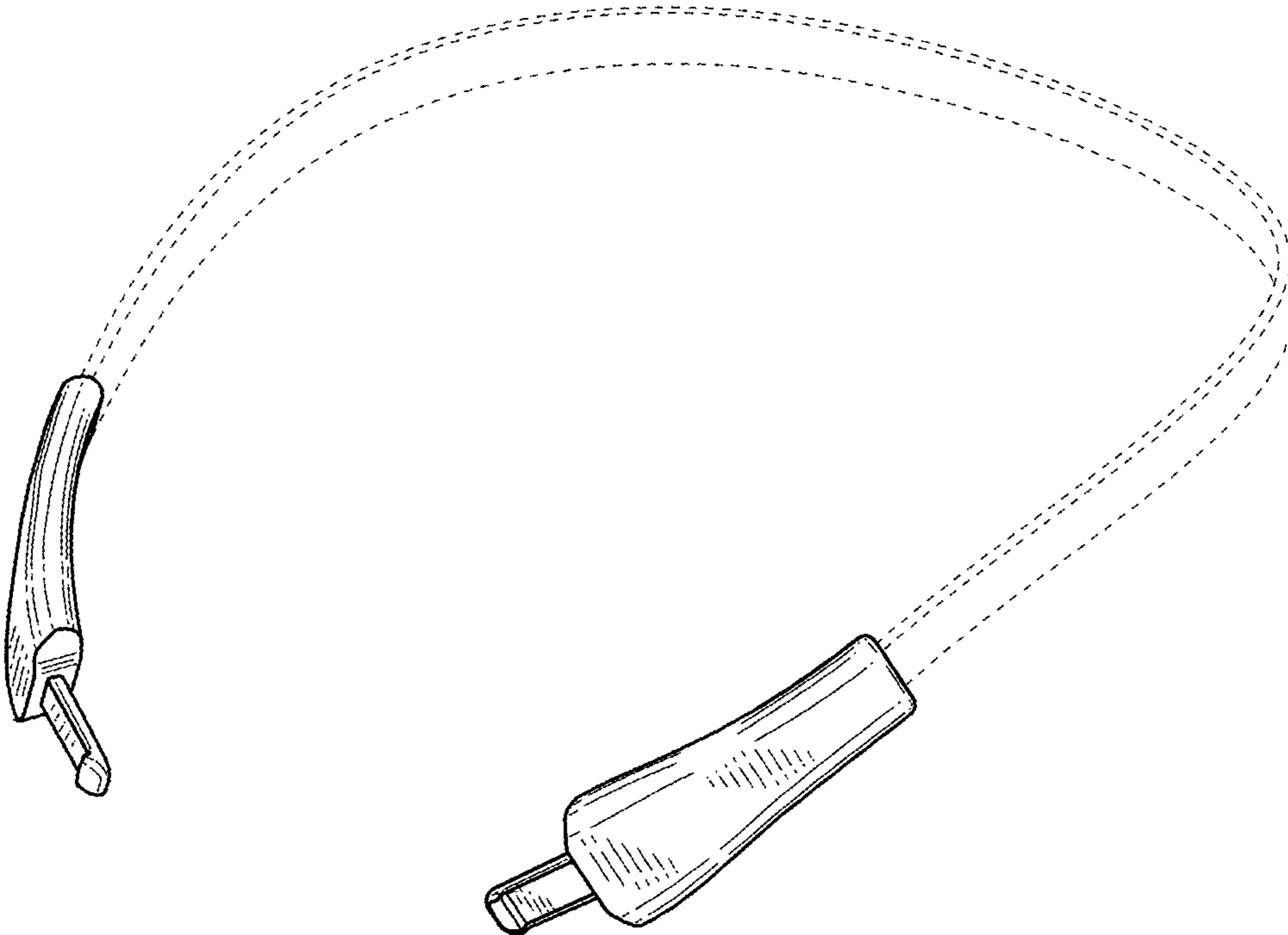


FIG. 1

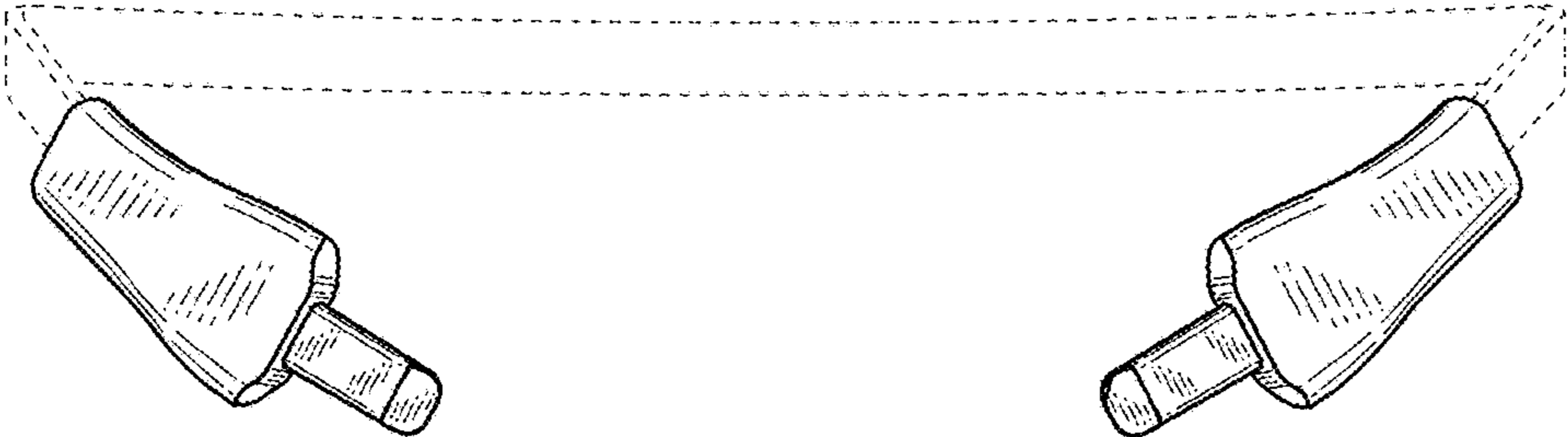


FIG. 2

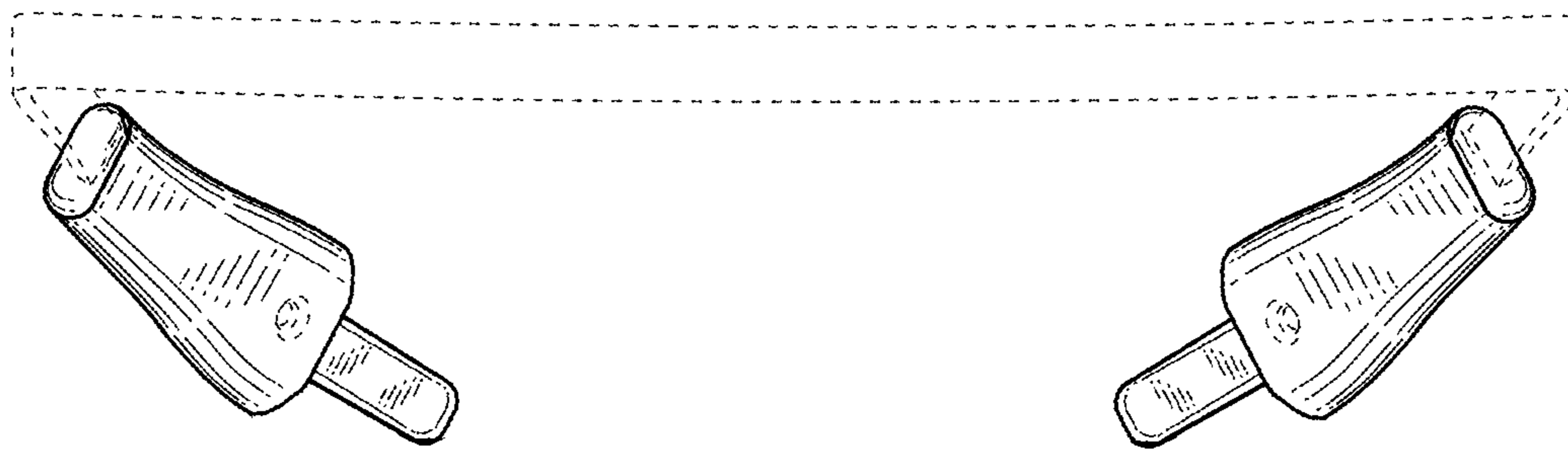


FIG. 3

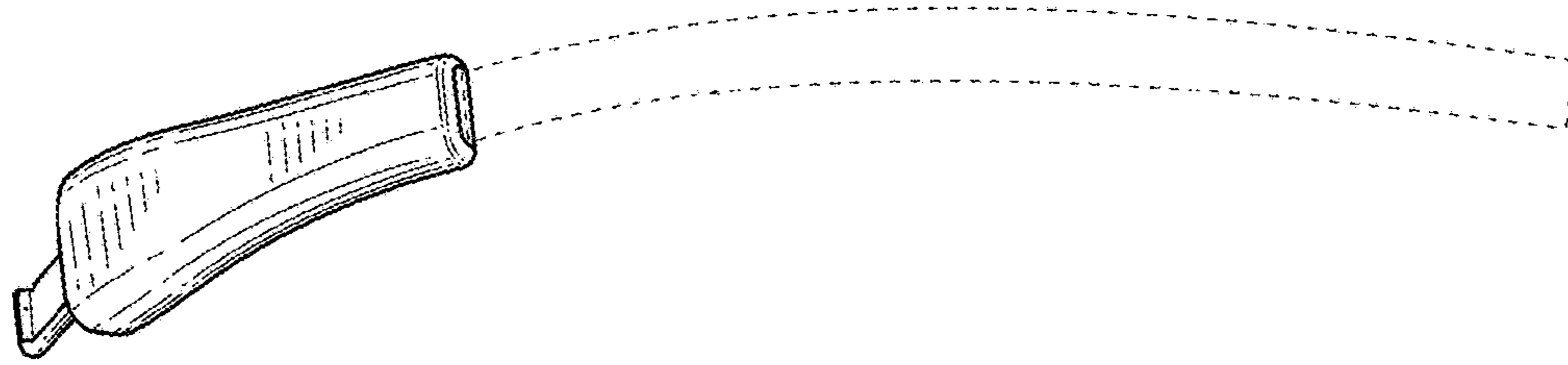


FIG. 4

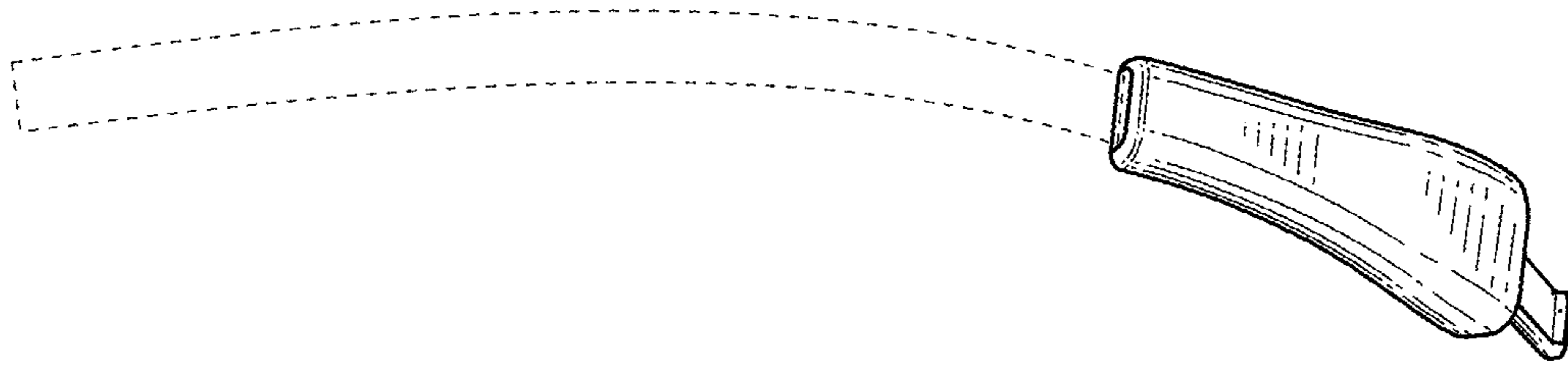


FIG. 5

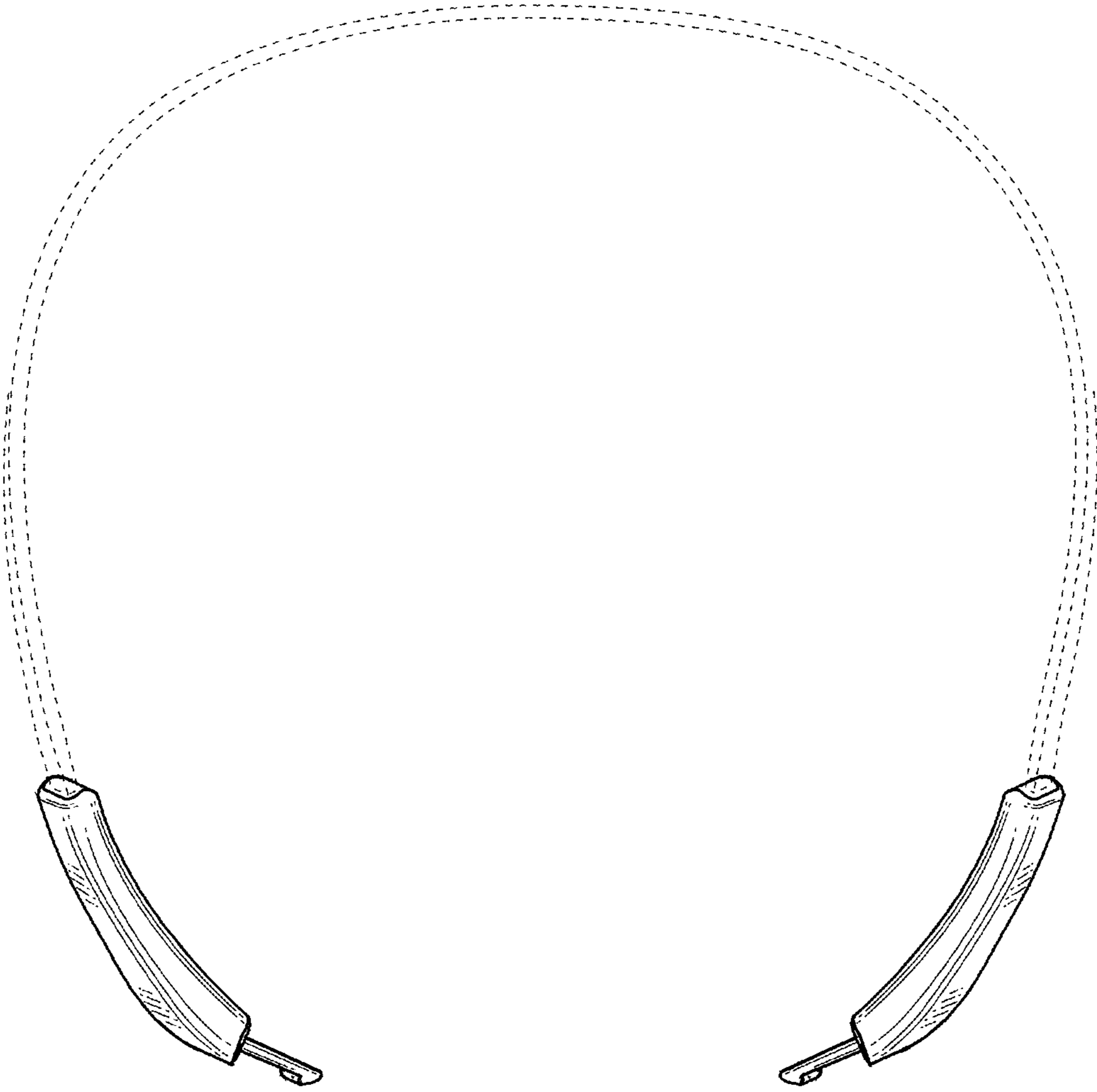


FIG. 6

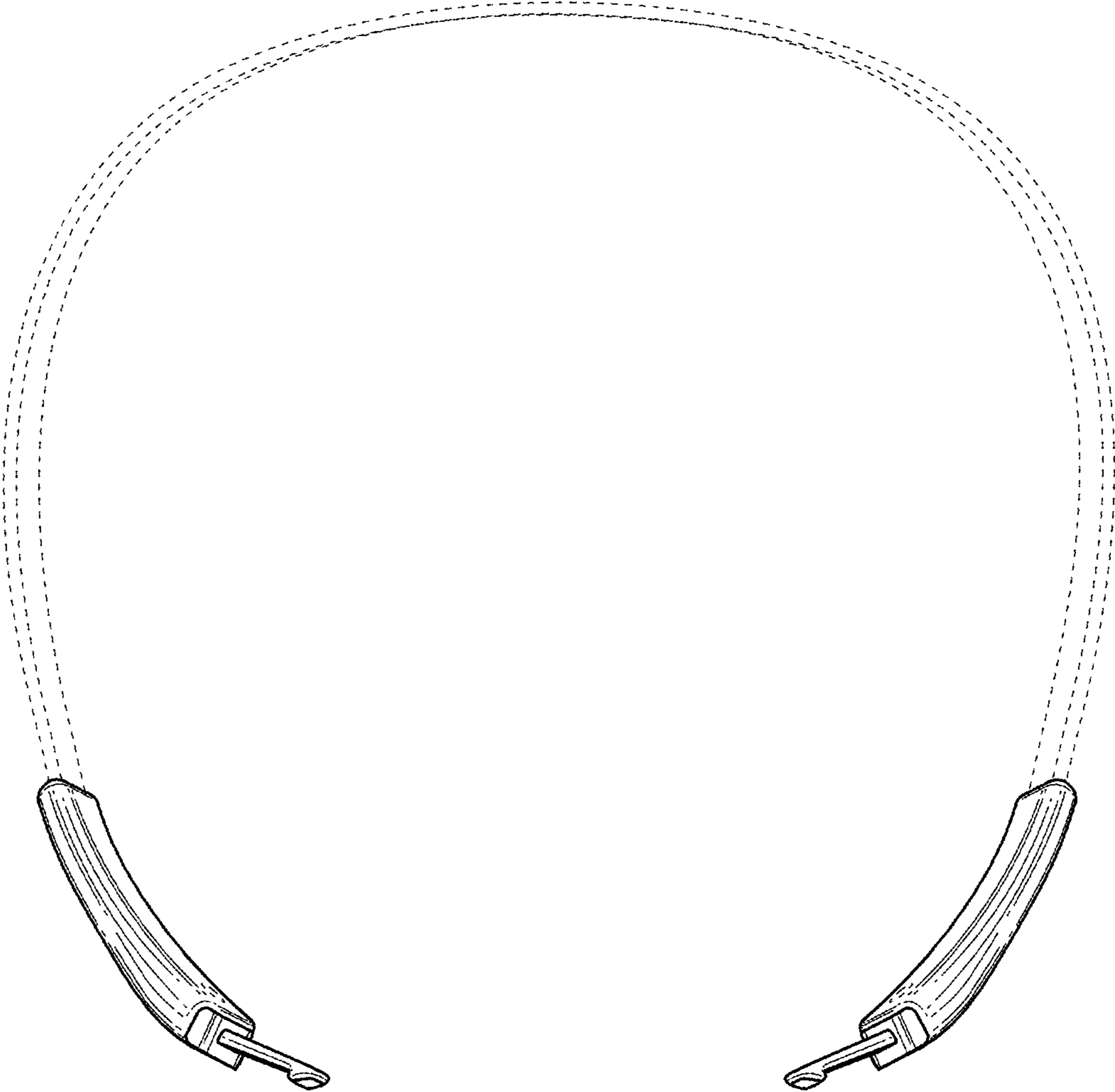


FIG. 7

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D796,027 S
APPLICATION NO. : 29/551896
DATED : August 29, 2017
INVENTOR(S) : Sean Joel Babbage

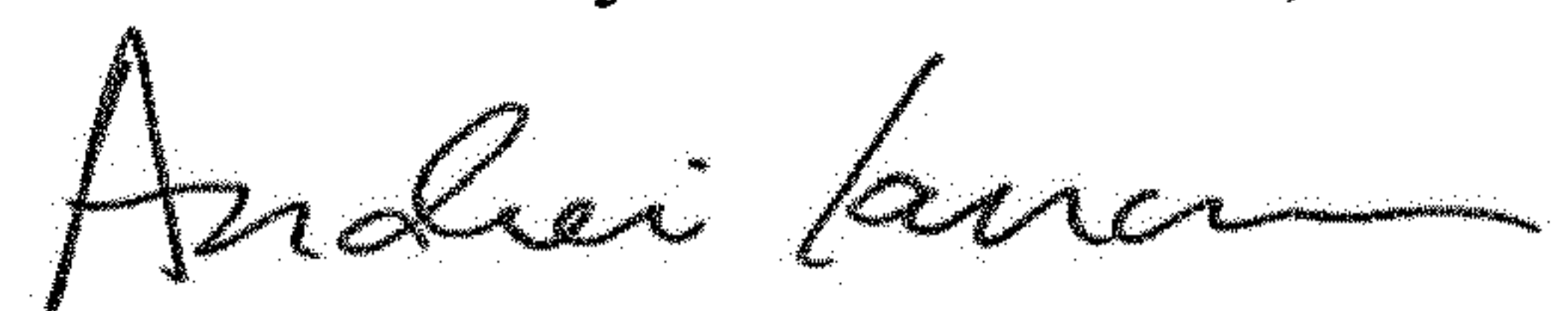
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

Column 2, item (57), Description Line 12, Before "FIG. 1." Delete "FIG. 8".

Signed and Sealed this
Eleventh Day of December, 2018



Andrei Iancu
Director of the United States Patent and Trademark Office