

US00D830341S

(12) **United States Design Patent** (10) **Patent No.:** **US D830,341 S**
Yokozeki (45) **Date of Patent:** **** Oct. 9, 2018**

(54) **WEARABLE SPEAKER**

(71) Applicant: **SONY CORPORATION**, Tokyo (JP)

(72) Inventor: **Ryota Yokozeki**, Kanagawa (JP)

(73) Assignee: **SONY CORPORATION**, Tokyo (JP)

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

(21) Appl. No.: **29/597,414**

(22) Filed: **Mar. 16, 2017**

(30) **Foreign Application Priority Data**

Jan. 20, 2017 (JP) D2017-000812

(51) **LOC (11) Cl.** **14-01**

(52) **U.S. Cl.**
USPC **D14/210; D14/205**

(58) **Field of Classification Search**

USPC D14/168, 188, 194, 195, 196, 204, 210,
D14/211, 212, 213, 214, 215, 216, 197,
D14/198, 223, 205, 206; D24/174;
181/129, 130, 135; 128/864, 866, 867;
381/381, 380
CPC B60R 11/0217; G06F 1/1688; G10K 9/22;
G10K 11/004; H03F 1/327; H04M 1/03;
H04M 1/035; H04N 5/642; H04N
21/4852; H04S 3/00; H04S 7/30; H04R
1/02; H04R 1/06; H04R 1/021; H04R
1/025; H04R 1/026; H04R 1/028; H04R
1/105; H04R 1/323; H04R 1/403; H04R
1/2803; H04R 1/2834; H04R 5/02; H04R
7/20; H04R 9/06; H04R 9/025; H04R
2201/021; H04R 2400/00; H04R 2400/07;
H04R 2499/11; H04R 2499/13; H04R
2499/15; H04R 25/00; H04R 25/02;
H04R 1/10; H04R 1/1016; H04R 1/1083;
H04R 1/1041; H04R 2420/07; H04R
2430/01

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,070,553 A * 1/1978 Hass H04M 1/05
381/151
5,212,734 A * 5/1993 Tsao H04R 5/023
381/301
D386,181 S * 11/1997 Fisher D14/192
D402,659 S 12/1998 Suzuki
D460,752 S * 7/2002 Gerdorn D14/222
D461,931 S * 8/2002 Kelly D28/41

(Continued)

OTHER PUBLICATIONS

Amazon—Bose Soundwear Companion, announced Sep. 22, 2017
(date first available) [online], [site visited Dec. 29, 2017]. Available
from internet, URL: <<https://www.amazon.com/Bose-Soundwear-Companion-Wireless-Wearable/dp/B0748KDJPS>>.*

(Continued)

Primary Examiner — Keli L. Hill

Assistant Examiner — Karra S Johnson

(74) *Attorney, Agent, or Firm* — Michael Best and
Friedrich LLP

(57) **CLAIM**

The ornamental design for a wearable speaker, as shown and
described.

DESCRIPTION

FIG. 1 is a perspective view of a wearable speaker showing
my new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a left side elevational view thereof;

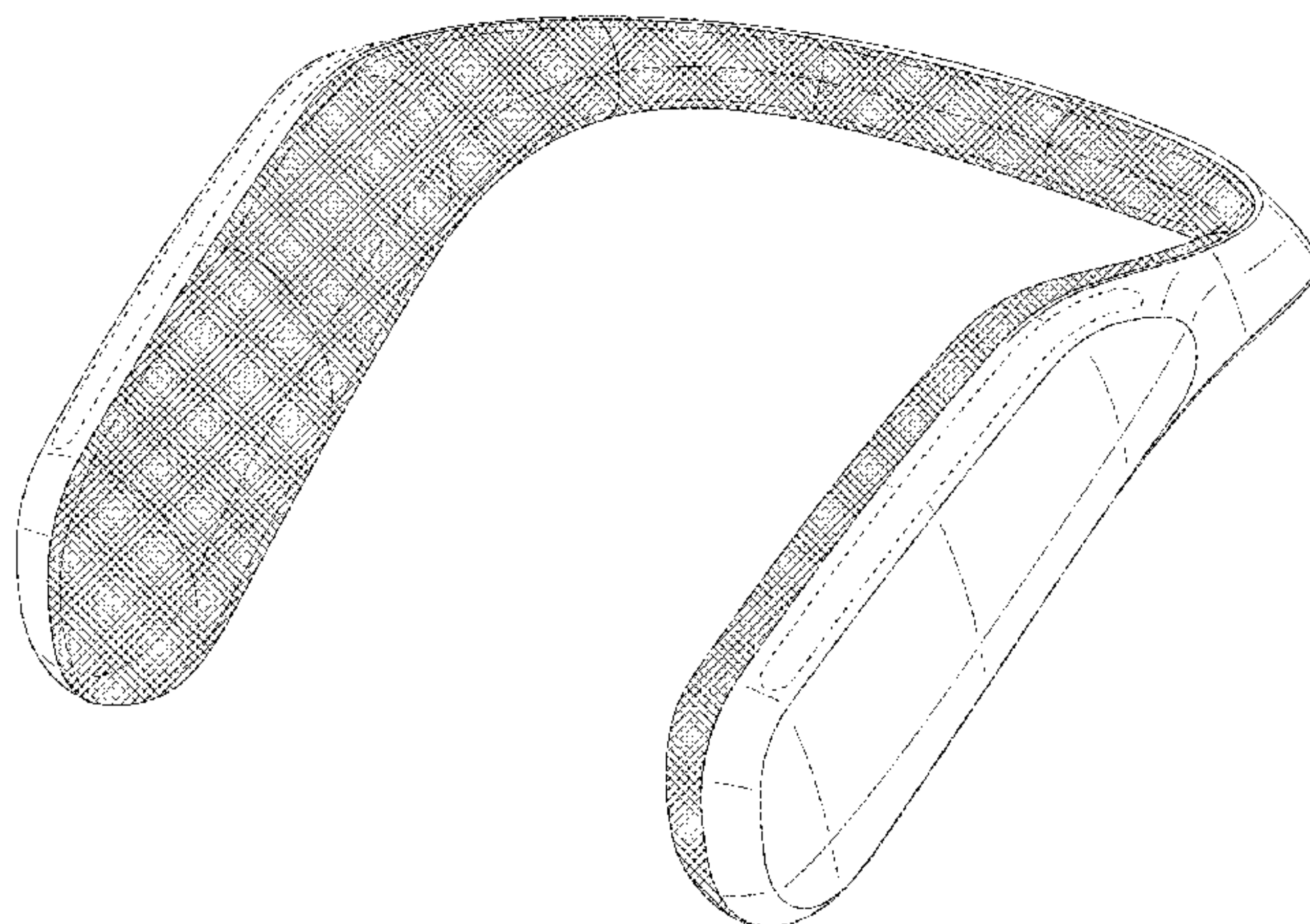
FIG. 5 is a right side elevational view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

The broken lines illustrating unclaimed portions of the
wearable speaker form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D501,844 S 2/2005 Hirano
 D512,981 S * 12/2005 Jacobson D14/205
 D575,268 S * 8/2008 Christopher D14/205
 D604,269 S * 11/2009 Choe D14/205
 D605,171 S * 12/2009 Gal D14/205
 D690,680 S * 10/2013 McManigal D14/205
 D703,634 S * 4/2014 Han H04R 1/1016
 D716,759 S * 11/2014 Ha D14/205
 D740,785 S * 10/2015 Chen D14/205
 D743,933 S * 11/2015 Park D14/205
 D750,794 S * 3/2016 Guarraia D24/200
 D751,214 S * 3/2016 Guarraia D24/200
 D752,236 S * 3/2016 Guarraia D24/200
 D752,766 S * 3/2016 Guarraia D24/200
 D755,752 S * 5/2016 Lee D14/205
 D756,958 S * 5/2016 Lee D14/205
 D756,959 S * 5/2016 Lee D14/205
 D768,024 S * 10/2016 Dayal D10/65
 D770,145 S * 11/2016 Aimone D2/875
 D772,539 S * 11/2016 Aimone D2/875
 D777,137 S * 1/2017 Erbeus D14/205
 D788,738 S * 6/2017 Kim D14/172
 D793,357 S * 8/2017 Afshar D14/205
 9,794,683 B2 * 10/2017 Kim H04R 1/323
 9,826,302 B2 * 11/2017 Nguyen H04R 1/105
 9,877,103 B2 * 1/2018 Litovsky H04R 1/2838
 D811,366 S * 2/2018 Mackiewicz D14/205
 9,930,447 B1 * 3/2018 Termeulen H04R 3/005
 D815,058 S * 4/2018 Liden D14/205

D815,059 S * 4/2018 Liden D14/205
 2013/0329903 A1 * 12/2013 Ting H04R 1/105
 2015/0010188 A1 * 1/2015 Mei H04R 1/02
 2016/0021449 A1 * 1/2016 Litovsky H04R 1/105
 2016/0098138 A1 * 4/2016 Park G06F 3/0416
 2017/0242659 A1 * 8/2017 Horndl G06F 3/167
 2017/0280239 A1 * 9/2017 Sekiya G10L 15/20
 2018/0062418 A1 * 3/2018 Cheon H02J 7/025

OTHER PUBLICATIONS

GadgetsIn—Sony SRS-WS1, announced Nov. 14, 2017 [online], [site visited Dec. 29, 2017]. Available from internet, URL: <<http://gadgetsin.com/sony-srs-ws1-wearable-neck-speaker.htm>>.*
 WearableInEar.com—Latest Wearable Speakers, announced Dec. 29, 2017 (date visited) [online], [site visited Dec. 29, 2017]. Available from internet, URL: <<https://www.wearableinear.com/a-guide-to-the-latest-wearable-neck-speakers/>>.*
 YouTube—JBL Soundgear Wireless, announced Jan. 7, 2017 [online], [site visited Dec. 29, 2017]. Available from internet, URL: <<https://www.youtube.com/watch?v=eG8wx5w3BOo>>.*
 G Style—LG Tone Studio, announced Jan. 4, 2017 [online], [site visited Dec. 29, 2017]. Available from internet, URL: <<http://gstylemag.com/2017/01/04/lgs-tone-studio-wearable-speaker-hands-on-ces-2017/>>.*

* cited by examiner

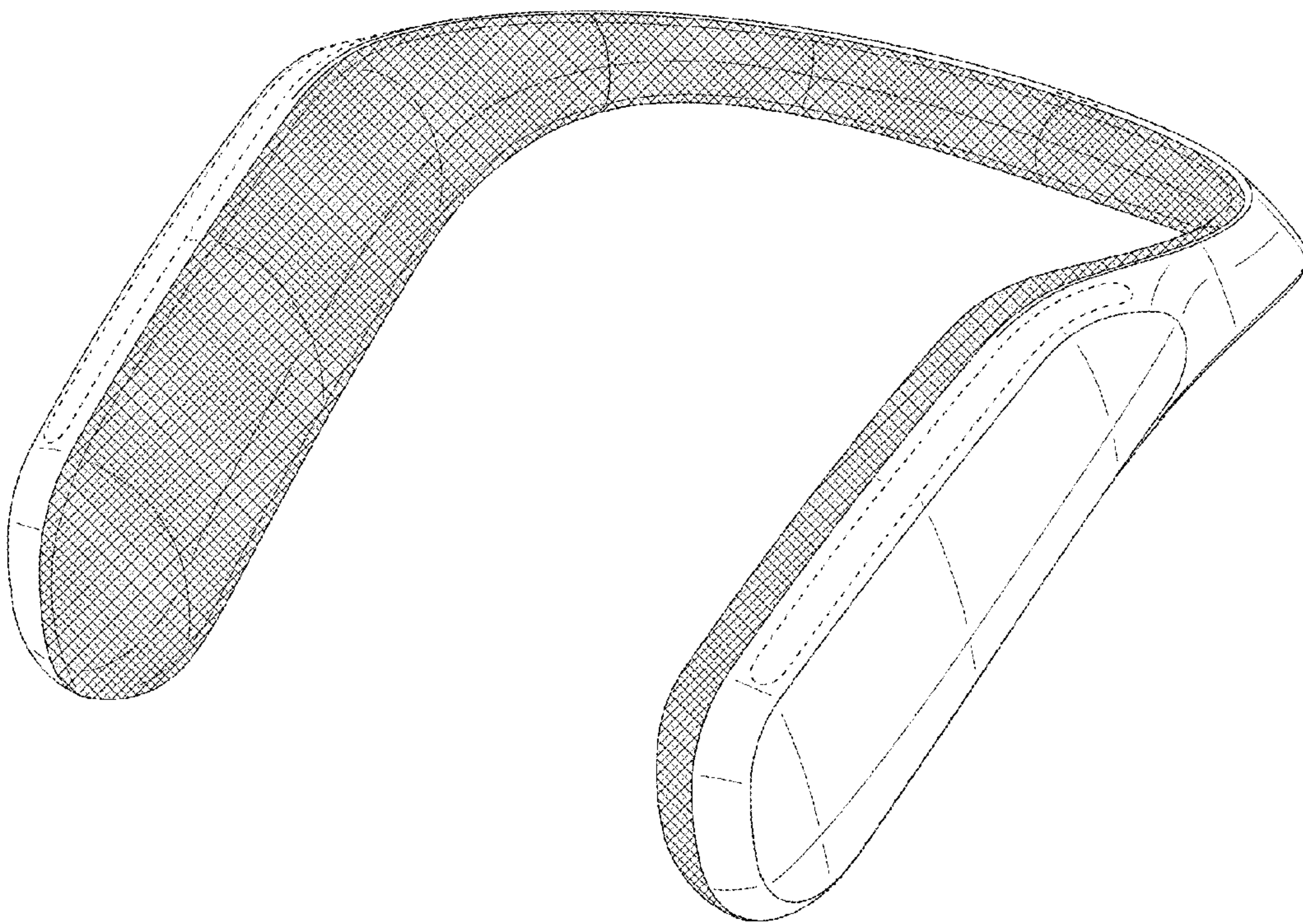


FIG. 1

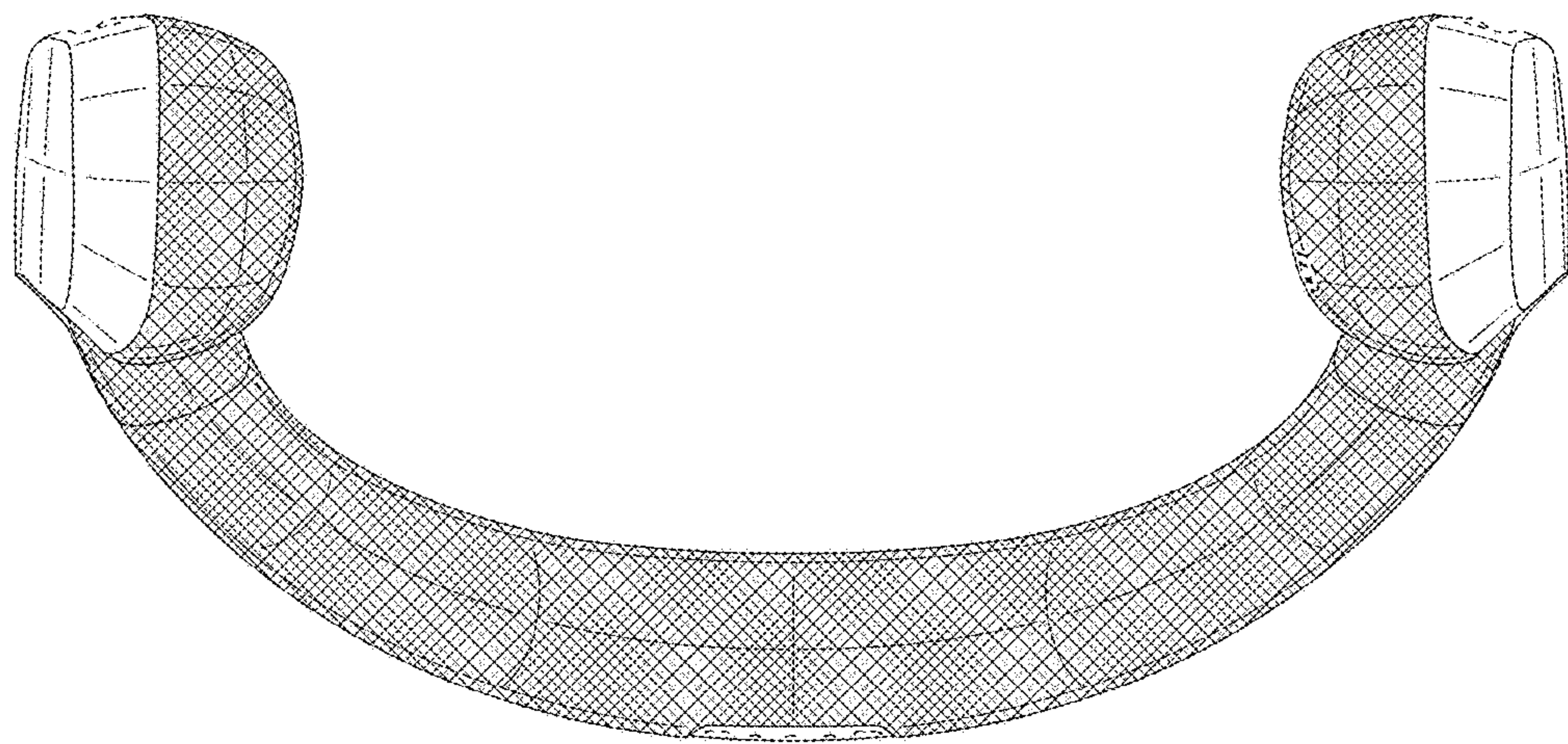


FIG. 2

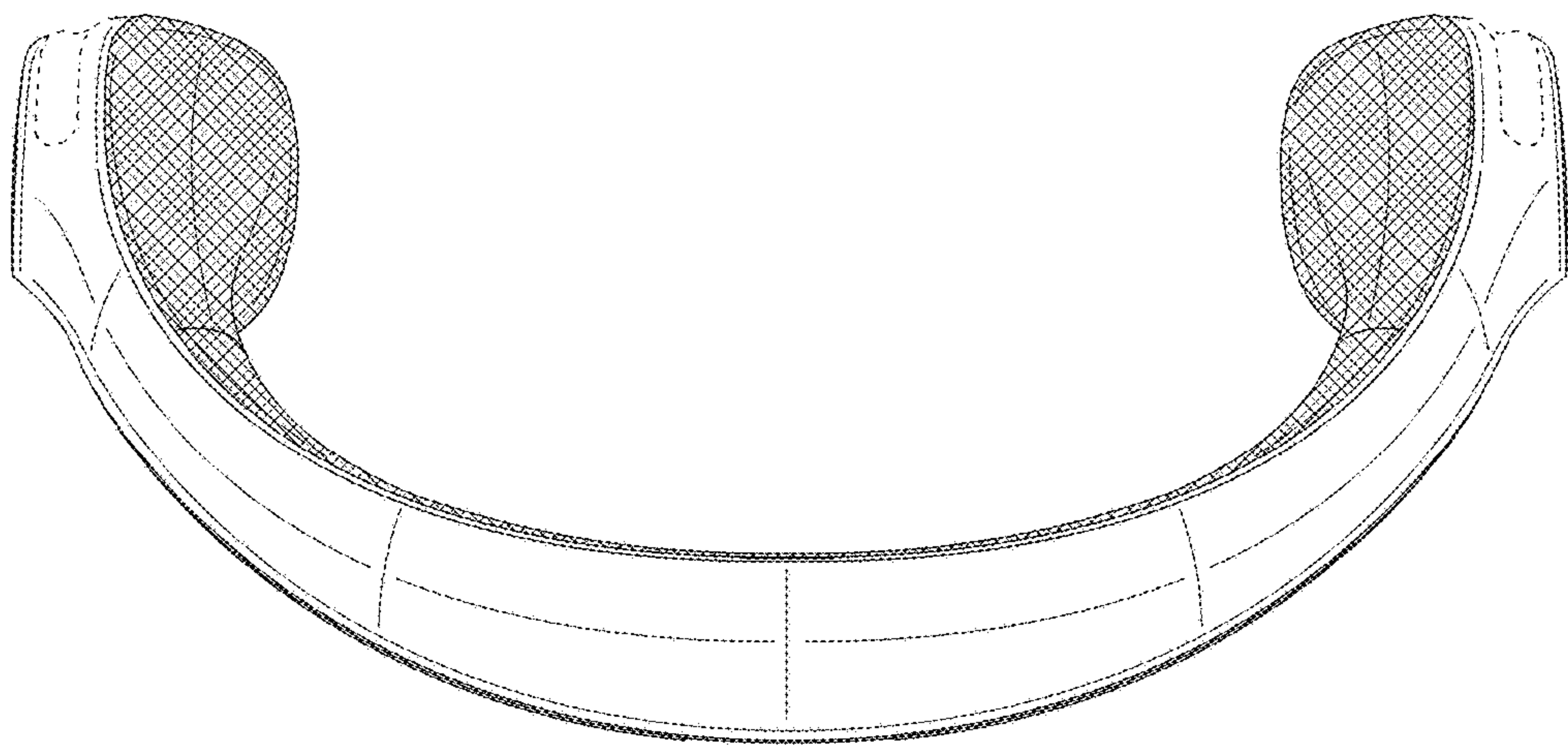


FIG. 3

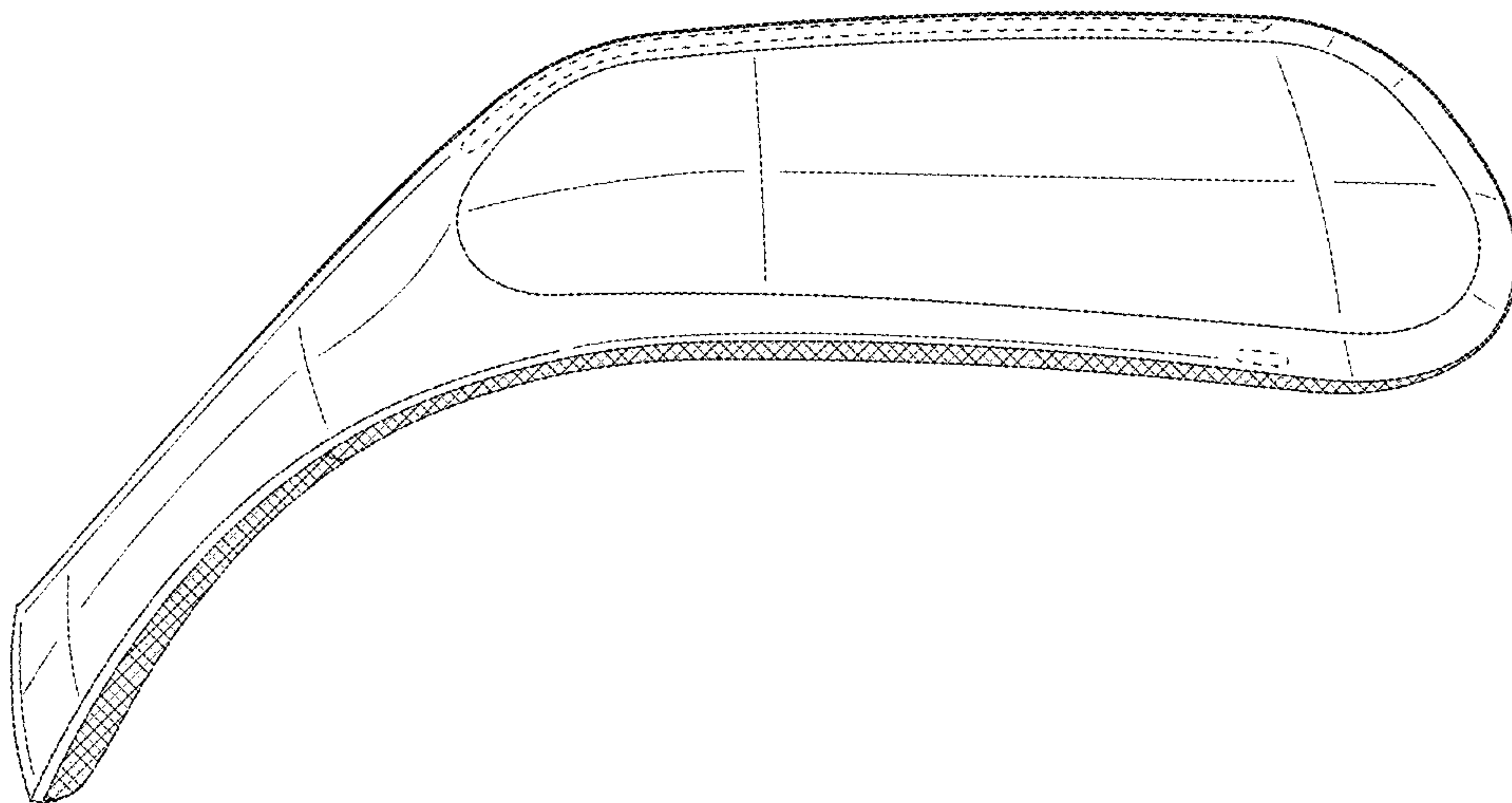


FIG. 4

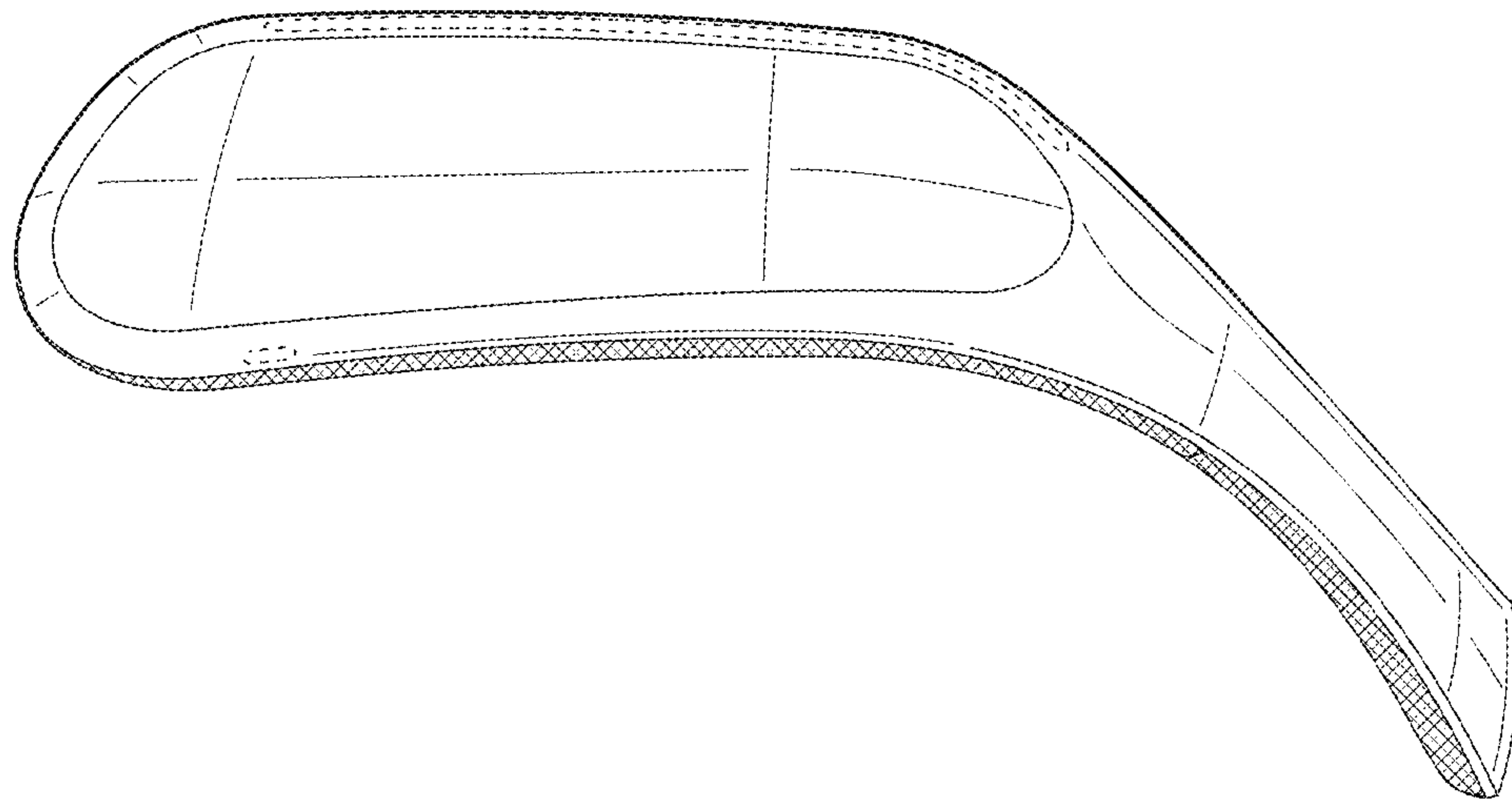


FIG. 5

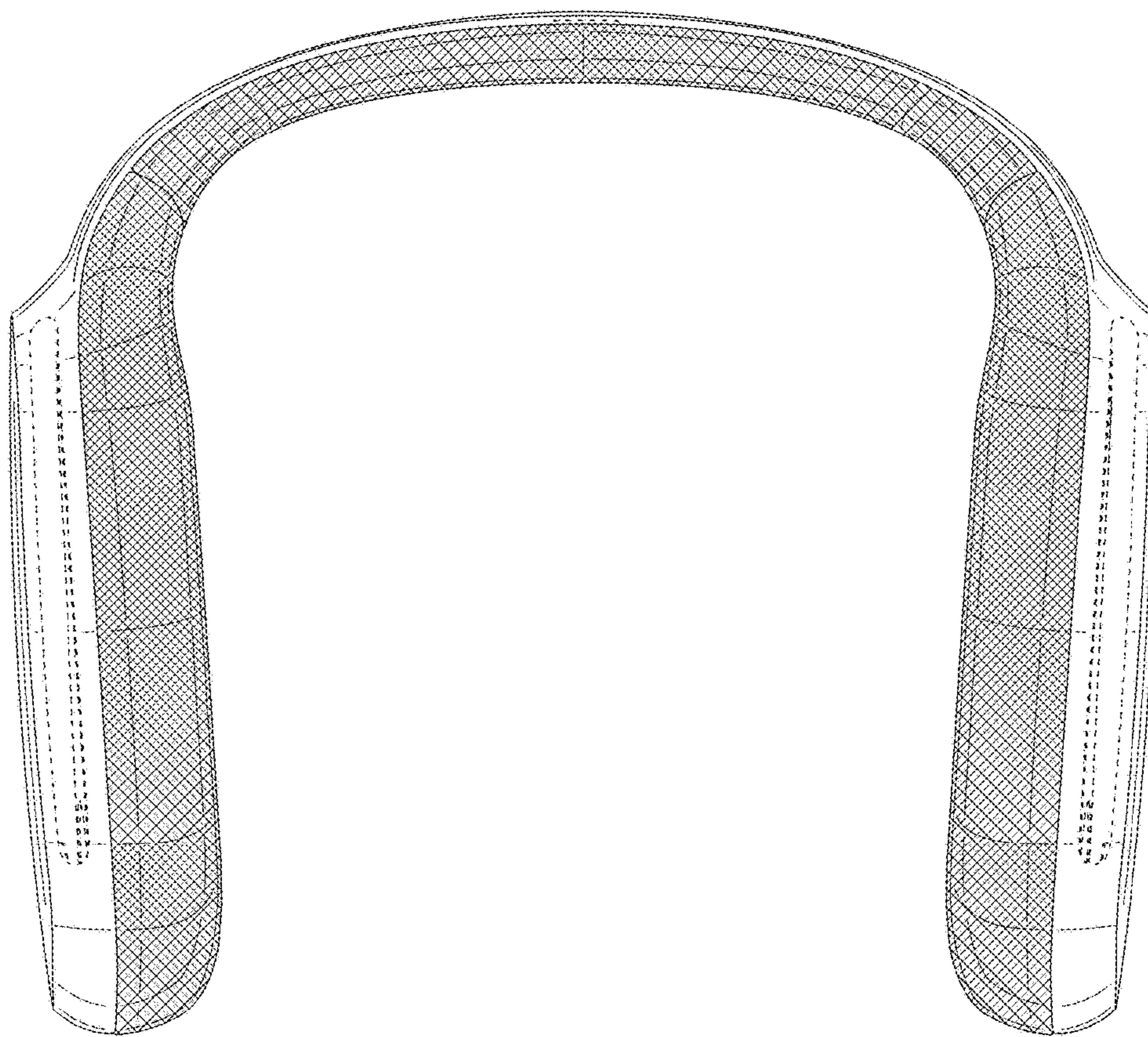


FIG. 6

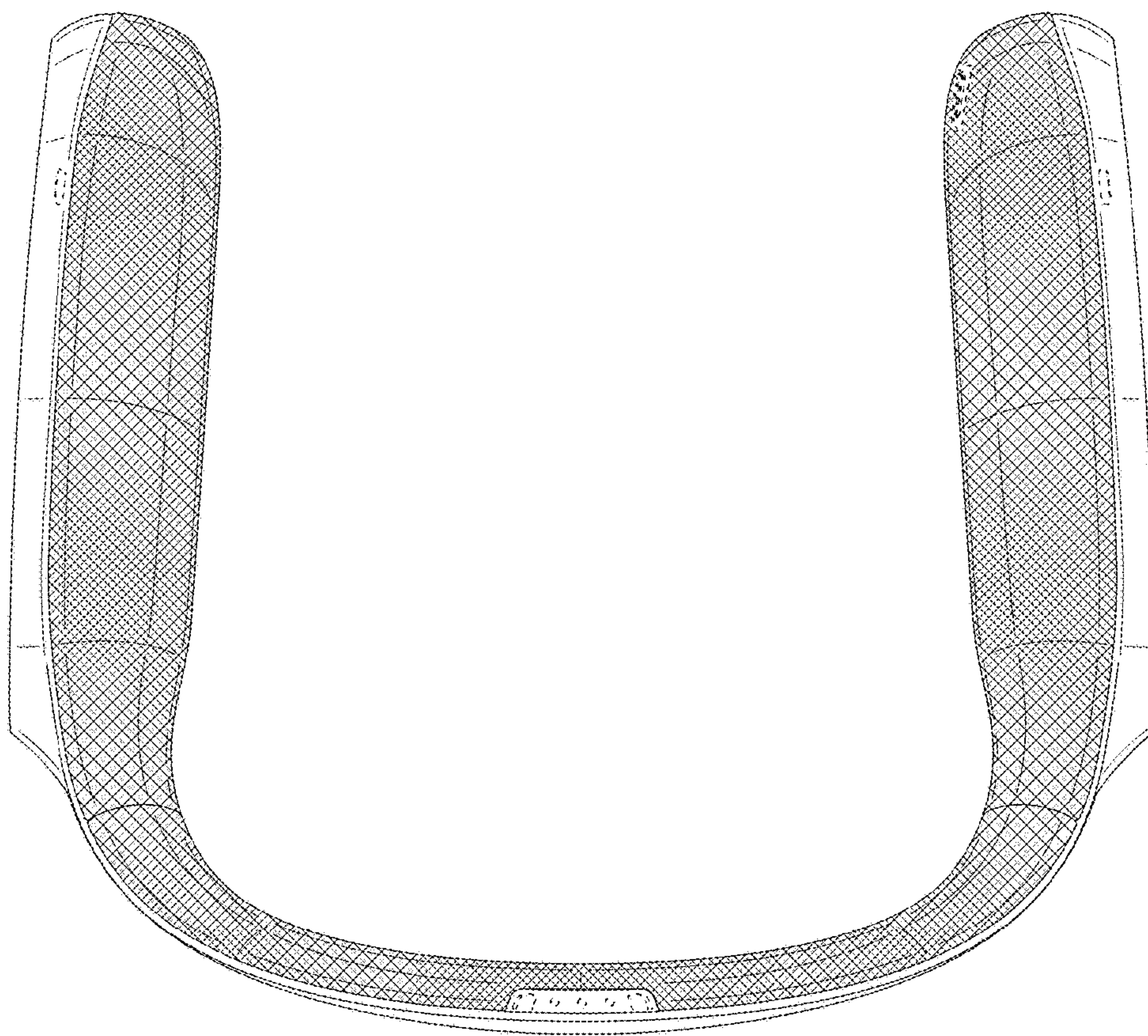


FIG. 7