



US00D980540S

(12) **United States Design Patent** (10) **Patent No.:** **US D980,540 S**
Hernandez et al. (45) **Date of Patent:** ** *Mar. 7, 2023

(54) **HEARING PROTECTOR**(71) Applicant: **3M INNOVATIVE PROPERTIES COMPANY**, St. Paul, MN (US)(72) Inventors: **Alonso M. Hernandez**, Minneapolis, MN (US); **Mario A. Davenport**, St. Paul, MN (US); **Eric O. Hemberg**, Shatin (HK)(73) Assignee: **3M Innovative Properties Company**, St. Paul, MN (US)

(*) Notice: This patent is subject to a terminal disclaimer.

(**) Term: **15 Years**(21) Appl. No.: **29/726,023**(22) Filed: **Feb. 28, 2020**(51) LOC (14) Cl. **29-02**

(52) U.S. Cl.

USPC **D29/112**(58) **Field of Classification Search**

USPC D29/100, 108, 112

CPC . A42B 3/16; A42B 3/163; A61F 11/06; A61F

11/14; A61F 11/145

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D651,764 S * 1/2012 Gresko A61F 11/14
D29/112D686,190 S * 7/2013 Karacal A61F 11/14
D14/205

D752,816 S * 3/2016 Fletcher D29/112

D778,258 S * 2/2017 Hsu D14/205

D834,260 S * 11/2018 Garcia Mansilla D29/112

D848,679 S * 5/2019 Wilson H04R 1/1066
D29/112

(Continued)

FOREIGN PATENT DOCUMENTS

EM 008147946-0001 * 12/2020
KR 3008011120000 6/2015

(Continued)

OTHER PUBLICATIONS

Amazon, "Dr.meter EM100 Kids Protective Earmuffs", first available Sep. 23, 2016. (<https://www.amazon.com/Dr-Meter-EM100-Protective-Earmuffs-Adjustable/dp/B01LWYWH43/?th=1>) (Year: 2016).*

(Continued)

Primary Examiner — Lauren D McVey

Assistant Examiner — Justin A Johnson

(74) Attorney, Agent, or Firm — Ann K. Gallagher

(57)

CLAIM

The ornamental design for a hearing protector, as shown and described.

DESCRIPTION

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

FIG. 1 is a perspective view of a hearing protector of the present disclosure;

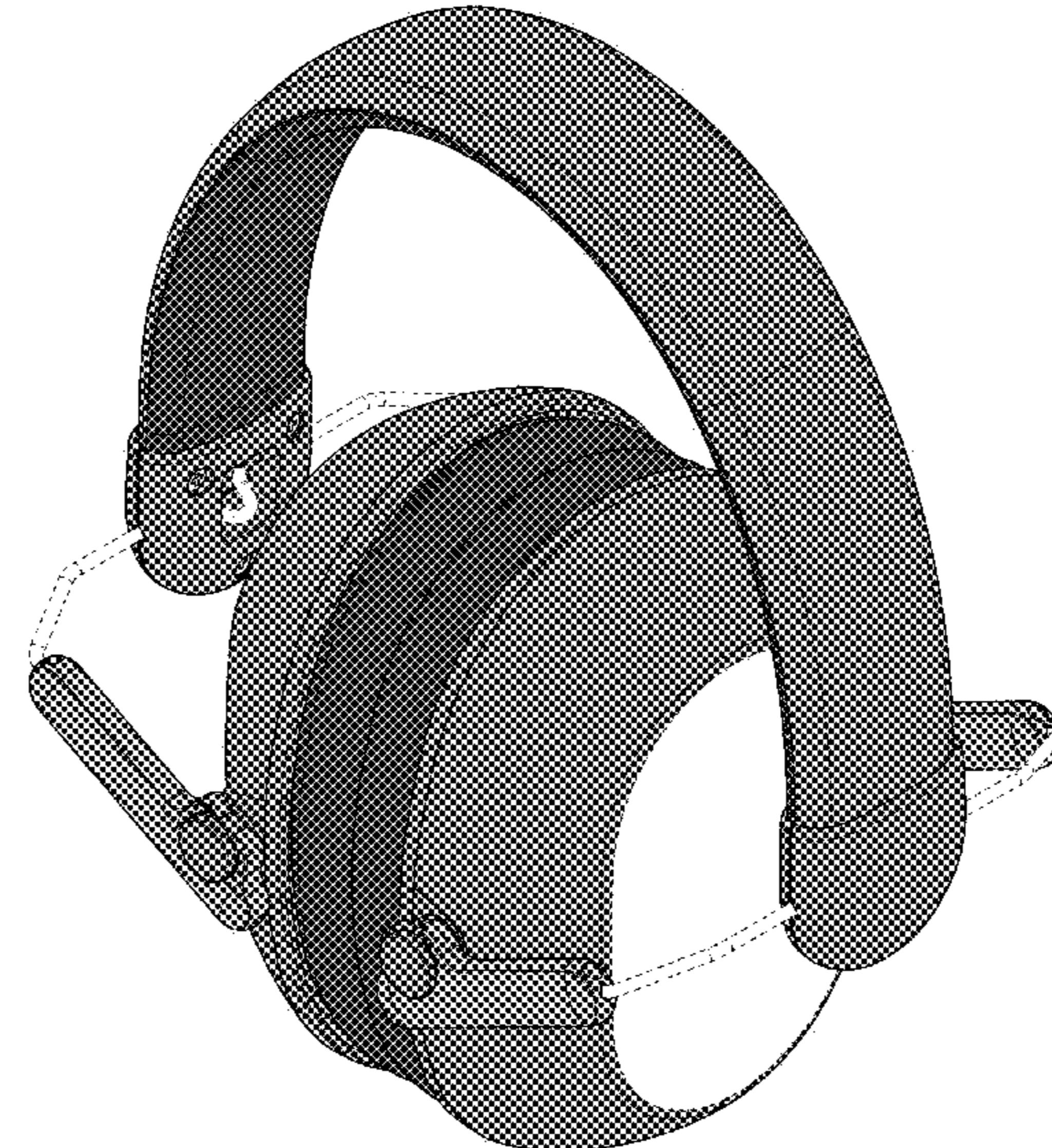
FIG. 2 is a right side elevation view thereof, with the left side being a mirror image thereof;

FIG. 3 is a front elevation view thereof, with the rear view being a mirror image thereof;

FIG. 4 is a top plan view thereof; and,

FIG. 5 is a bottom plan view thereof.

The portions of the hearing protector in FIGS. 1-5 shown in broken lines are included to show features that form no part of the claimed design.

**1 Claim, 4 Drawing Sheets
(4 of 4 Drawing Sheet(s) Filed in Color)**

(56)

References Cited

U.S. PATENT DOCUMENTS

D859,355 S * 9/2019 Hu H04R 1/1083
D14/206
D860,161 S * 9/2019 Xia D14/205
D885,683 S * 5/2020 Qiu D29/112
D902,496 S * 11/2020 Bui D29/112
D944,758 S * 3/2022 Tang D14/205
2015/0117660 A1* 4/2015 Fletcher H04R 1/1083
381/72
2020/0374622 A1* 11/2020 Kara H04R 1/1066

FOREIGN PATENT DOCUMENTS

TW	1667760001	4/2015
TW	1696380001	8/2015
TW	1783640001	9/2016
TW	1861010001	10/2017

OTHER PUBLICATIONS

Amazon, “Lucid Audio HearMuffs”, first available Jan. 5, 2018. (<https://www.amazon.com/Lucid-Audio-ETYLAKIDSPMRD-Kids-HearMuffs/dp/B078RWCVMP/?th=1>) (Year: 2018).*
Amazon, “3M Kids Hearing Protection”, first available Mar. 17, 2020. (<https://www.amazon.com/3M-Protection-Children-Adjustable-Reduction/dp/B07ZDSPSQQ?th=1>) (Year: 2020).*
Amazon, “Kids/Toddler Ear Protection Safety Ear Muffs”, first available Nov. 5, 2021. (<https://www.amazon.com/Toddler-Protection-Cancelling-Headphones-Earmuffs/dp/B09TS7W3HP/?th=1>) (Year: 2021).*

* cited by examiner



FIG. 1



FIG. 2

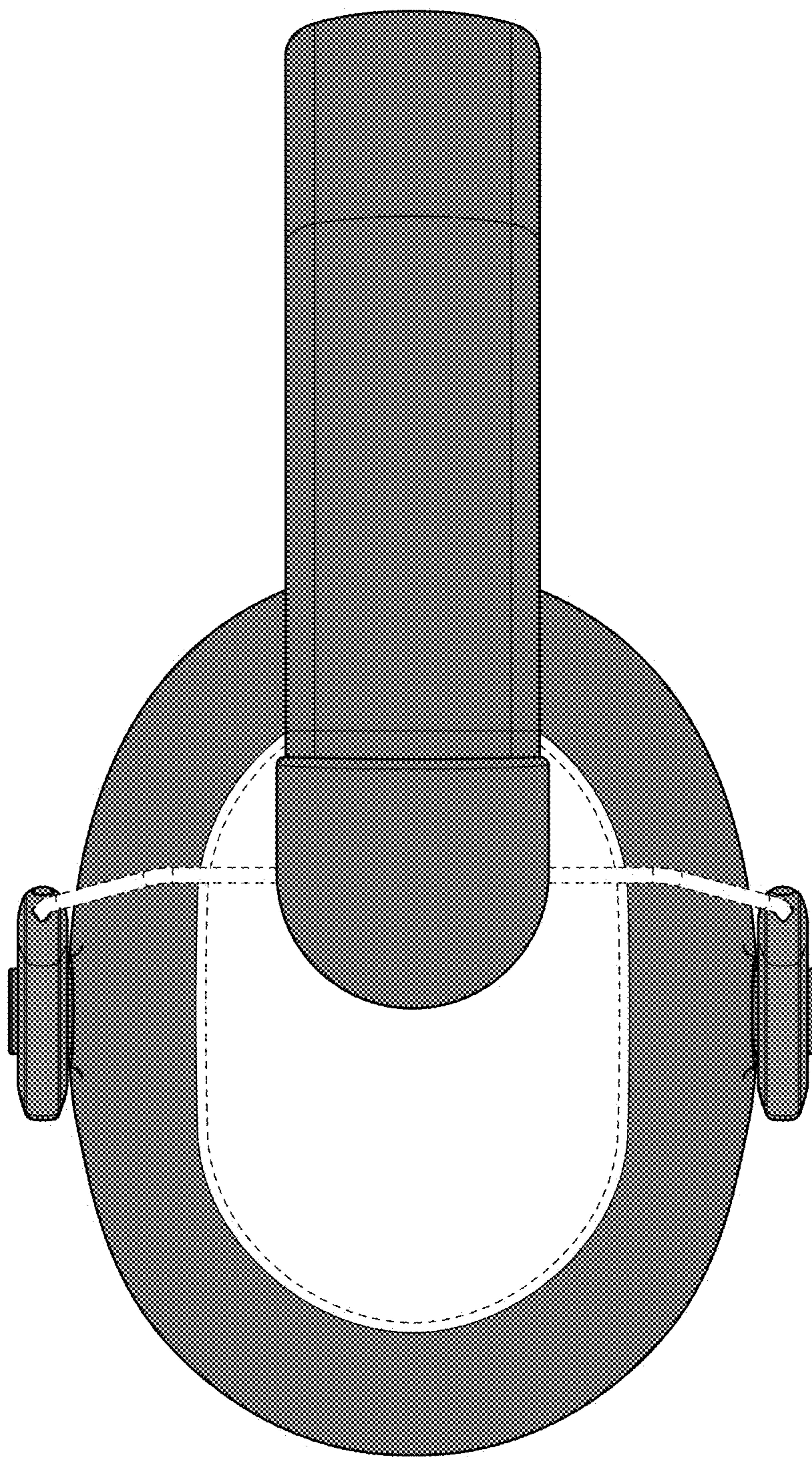


FIG. 3

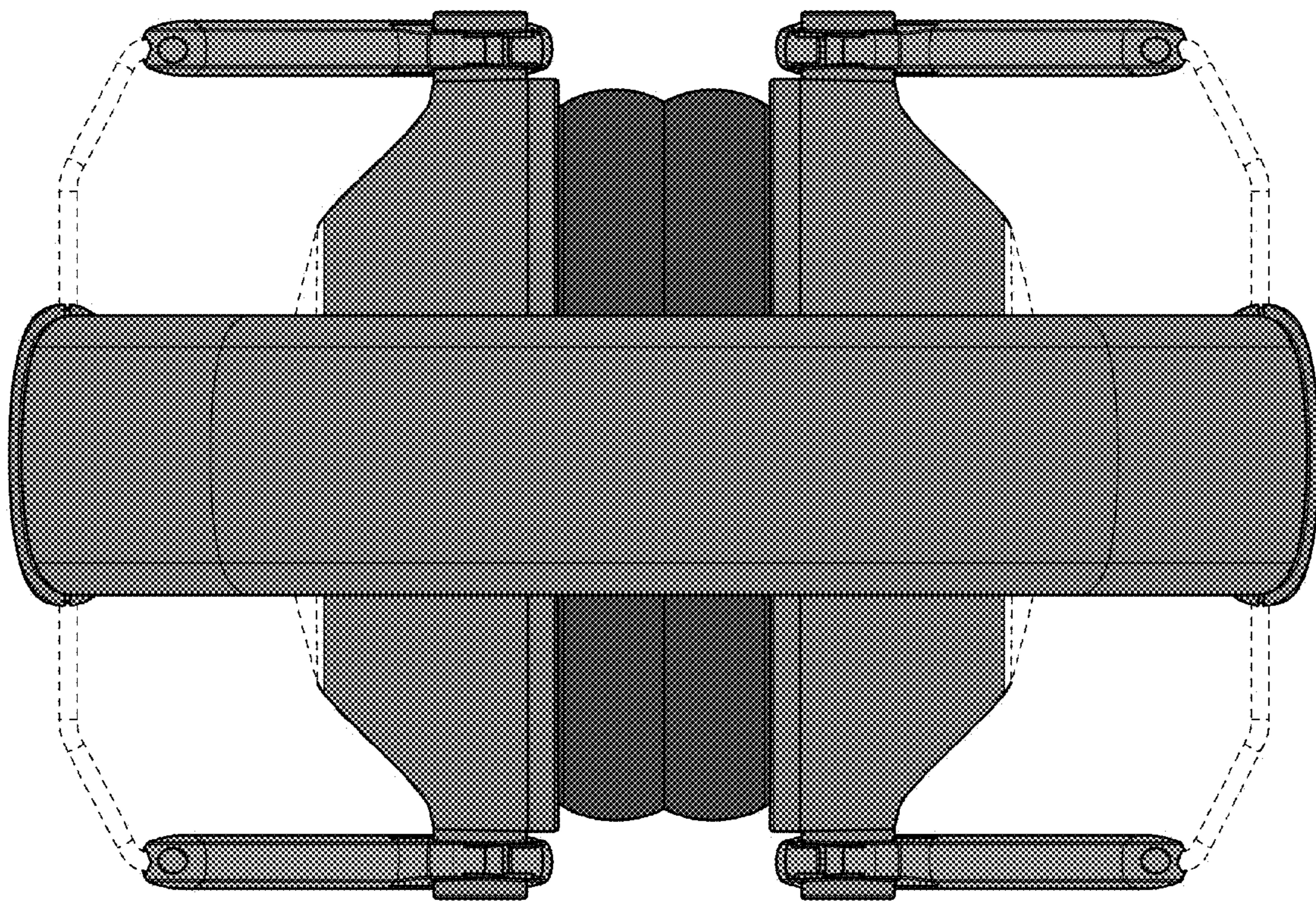


FIG. 4

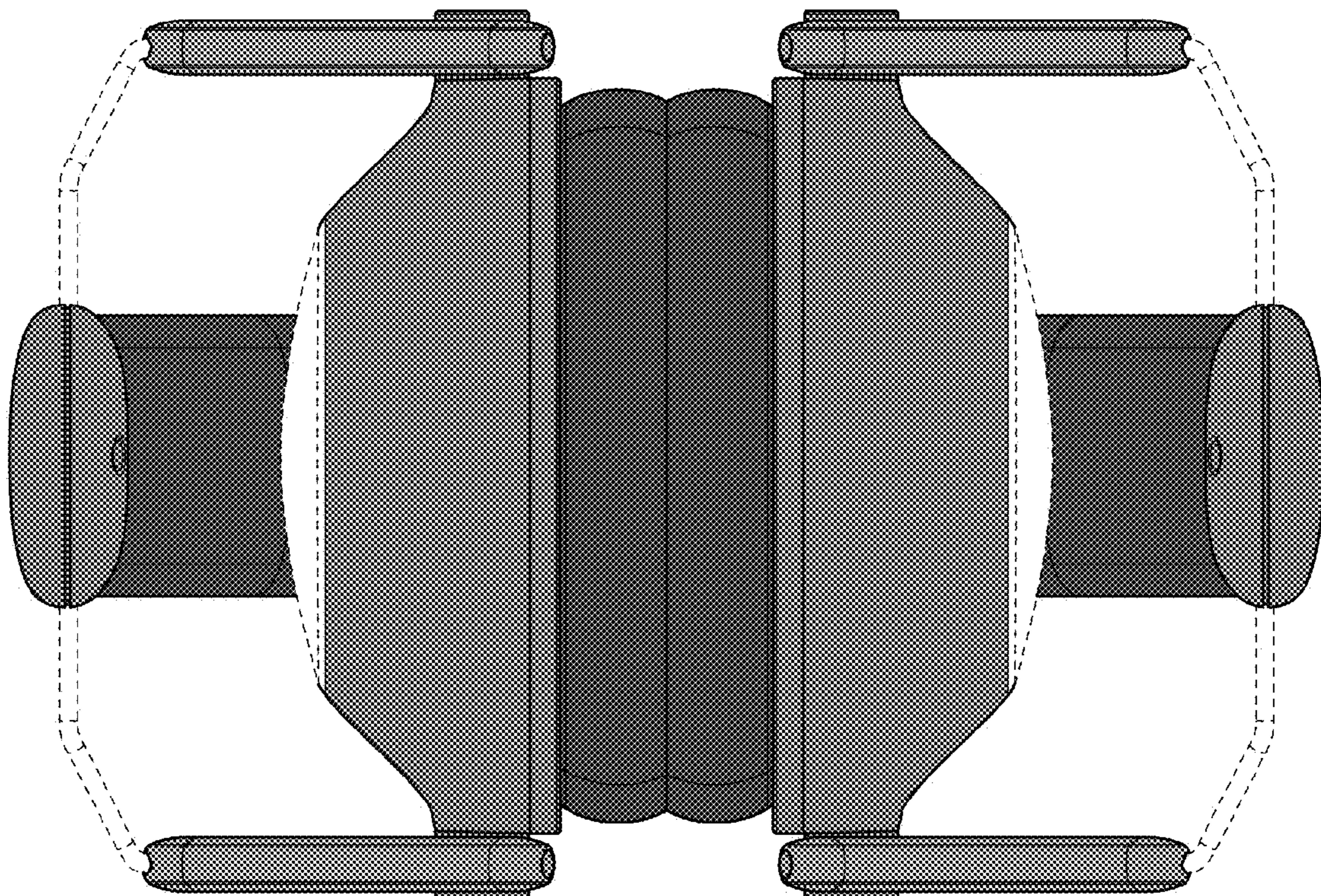


FIG. 5