US00D868565S

(12) United States Design Patent

Hedlund et al.

(10) Patent No.: US D868,565 S
(45) Date of Patent: ** Dec. 3, 2019

(54) **LOCKABLE FRICTION JOINT ASSEMBLY**

(71) Applicant: **Fumex Aktiebolag**, Skellefteå (SE)

(72) Inventors: **Lars Hedlund**, Skellefteå (SE); **Patrik Andersson**, Skellefteå (SE); **Gustav Stenberg**, Skellefteå (SE)

(73) Assignee: **FUMEX AKTIEBOLAG**, Skelleftea (SE)

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

(21) Appl. No.: **29/575,252**

(22) Filed: **Aug. 23, 2016**

(30) **Foreign Application Priority Data**

Feb. 23, 2016 (EM) 002999508-0001
Feb. 23, 2016 (EM) 002999508-0002
(Continued)

(51) **LOC (12) Cl.** **08-08**
(52) **U.S. Cl.**
USPC **D8/349**
(58) **Field of Classification Search**
USPC D6/672, 684, 680, 683.1, 703.5; D8/349, D8/354, 355, 330, 380, 382; D13/154,
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D445,668 S * 7/2001 Hills, Sr. D25/199
D577,854 S * 9/2008 Tufano D26/138
(Continued)

Primary Examiner — Mark A Goodwin
Assistant Examiner — Benjamin M Weeks
(74) *Attorney, Agent, or Firm* — Knobbe, Martens, Olson & Bear, LLP

(57) **CLAIM**

The ornamental design for a lockable friction joint assembly, as shown and described.

DESCRIPTION

FIG. **1** is a top perspective view of a lockable friction joint assembly showing our new design, comprising a first wing component and a second wing component, in which the first and second wing components are connected to one another in a first configuration.
FIG. **2** is a bottom perspective view thereof.
FIG. **3** is a top plan view thereof.
FIG. **4** is a bottom plan view thereof.
FIG. **5** is a front elevational view thereof.
FIG. **6** is a rear elevational view thereof.
FIG. **7** is a right side elevational view thereof.
FIG. **8** is a left side elevational view thereof.
FIG. **9** is a top perspective view of the lockable friction joint asembly, wherein the first and second wing components are connected to one another in a second configuration.
FIG. **10** is a bottom perspective view thereof.
FIG. **11** is a top plan view thereof.
FIG. **12** is a bottom plan view thereof.
FIG. **13** is a front elevational view thereof.
FIG. **14** is a rear elevational view thereof.
FIG. **15** is a right side elevational view thereof.
FIG. **16** is a left side elevational view thereof.
FIG. **17** is a top perspective view of the lockable friction joint assembly, wherein the first and second wing components are connected to one another in a third configuration.
FIG. **18** is a bottom perspective view thereof.
FIG. **19** is a top plan view thereof.
FIG. **20** is a bottom plan view thereof.
FIG. **21** is a front elevational view thereof.
FIG. **22** is a rear elevational view thereof.
FIG. **23** is a right side elevational view thereof.
FIG. **24** is a left side elevational view thereof
FIG. **25** is a top perspective view of the first wing component of the lockable friction joint assembly, shown separate for ease of illustration.
FIG. **26** is a bottom perspective view thereof.
FIG. **27** is a top plan view thereof.
FIG. **28** is a bottom plan view thereof.
FIG. **29** is a front elevational view thereof.
FIG. **30** is a rear elevational view thereof.
FIG. **31** is a right side elevational view thereof.
FIG. **32** is a left side elevational view thereof
(Continued)

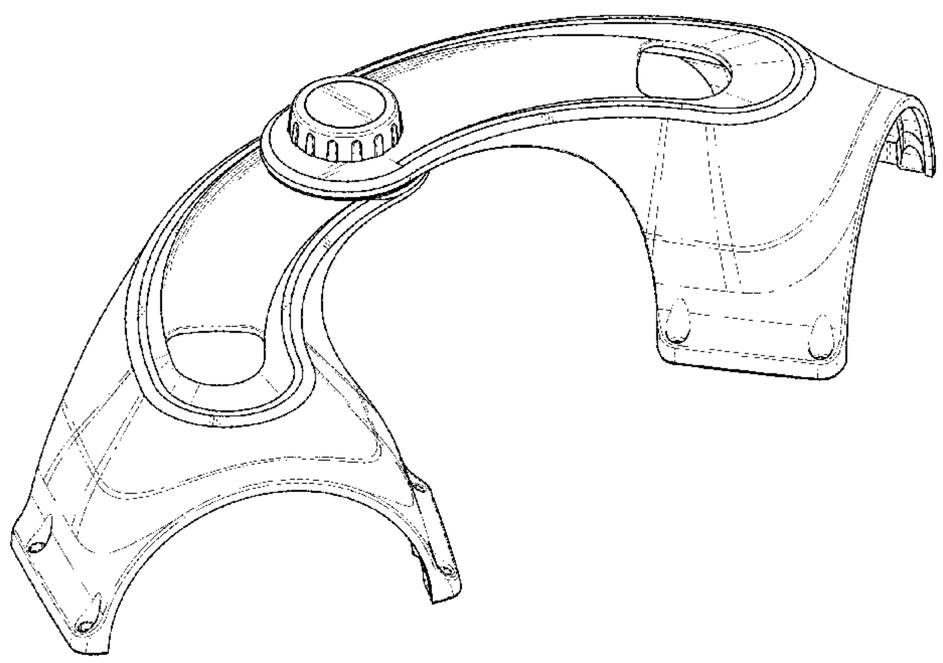

FIG. **33** is a top perspective view of the second wing component of the lockable friction joint assembly, shown separate for ease of illustration.
FIG. **34** is a bottom perspective view thereof.
FIG. **35** is a top plan view thereof.
FIG. **36** is a bottom plan view thereof.
FIG. **37** is a front elevational view thereof.
FIG. **38** is a rear elevational view thereof.
FIG. **39** is a right side elevational view thereof; and,
FIG. **40** is a left side elevational view thereof.

1 Claim, 40 Drawing Sheets

(30) **Foreign Application Priority Data**

Feb. 23, 2016 (EM) 002999508-0003
Feb. 23, 2016 (EM) 002999508-0004
Feb. 23, 2016 (EM) 002999508-0005

(58) **Field of Classification Search**
USPC D13/133, 129, 199; D25/119, 164, 199, D25/139, 141; D26/138, 76, 78, 79, 80
CPC .. F16C 2314/72; F16C 29/0623; F16C 29/06; F16C 29/0609; F16C 29/005; F16C 29/008; F16C 29/04; F16C 29/0657; F16C 29/004; F16C 29/12; A47B 1/10; A47B 88/493; A47B 88/423; A47B 2088/4235
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D581,250	S	*	11/2008	Florent	D8/349
D621,995	S	*	8/2010	Redfern	D26/138
D621,996	S	*	8/2010	Redfern	D26/138
8,123,540	B2	*	2/2012	Galluccio	H01R 33/08 439/241
D794,419	S	*	8/2017	Rock	D26/138
D804,285	S	*	12/2017	Rock	D8/349
D831,466	S	*	10/2018	Lang	D8/349
D832,087	S	*	10/2018	Fievet	D8/382
D835,493	S	*	12/2018	Chun	D8/354

* cited by examiner

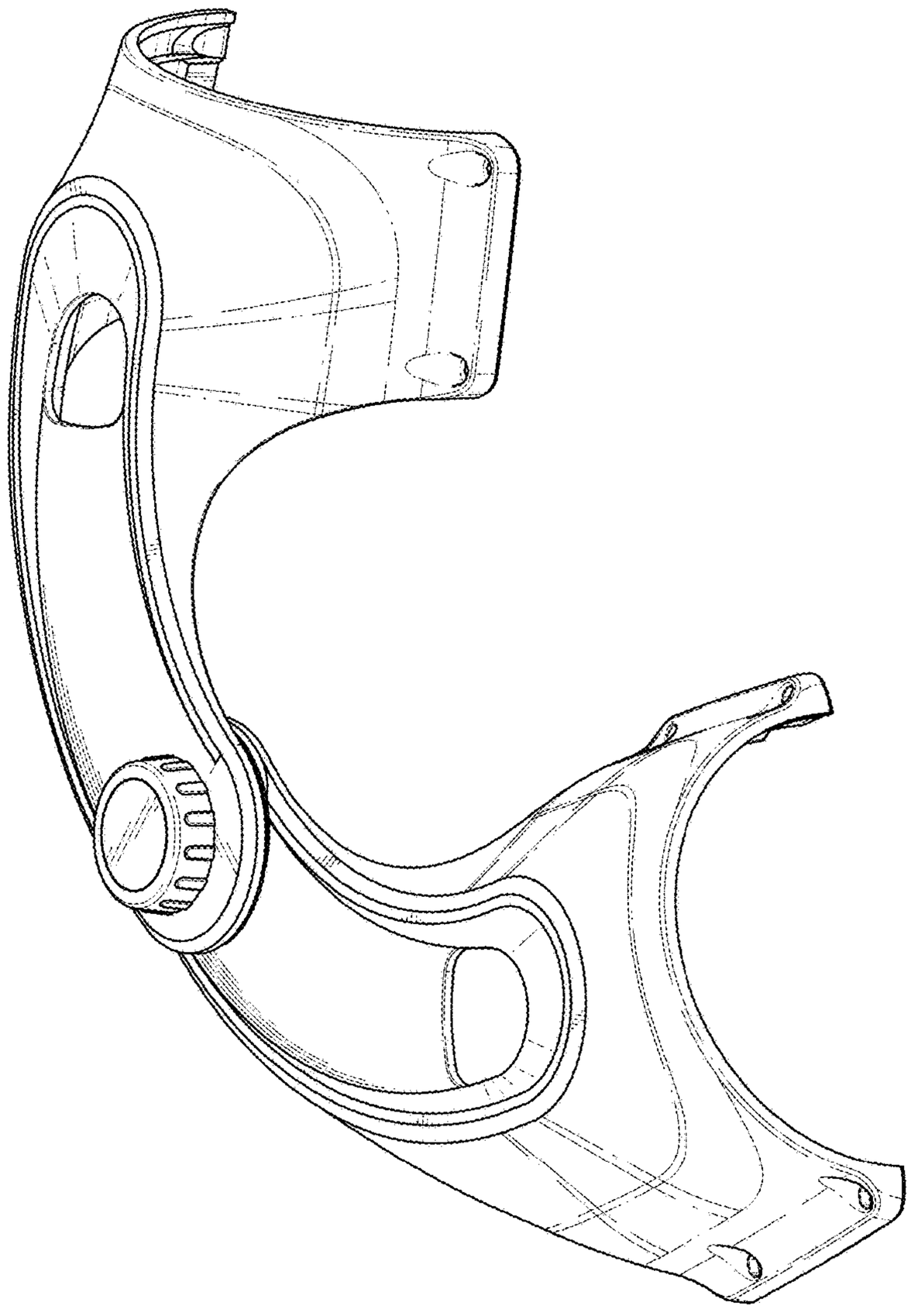

FIG. 1

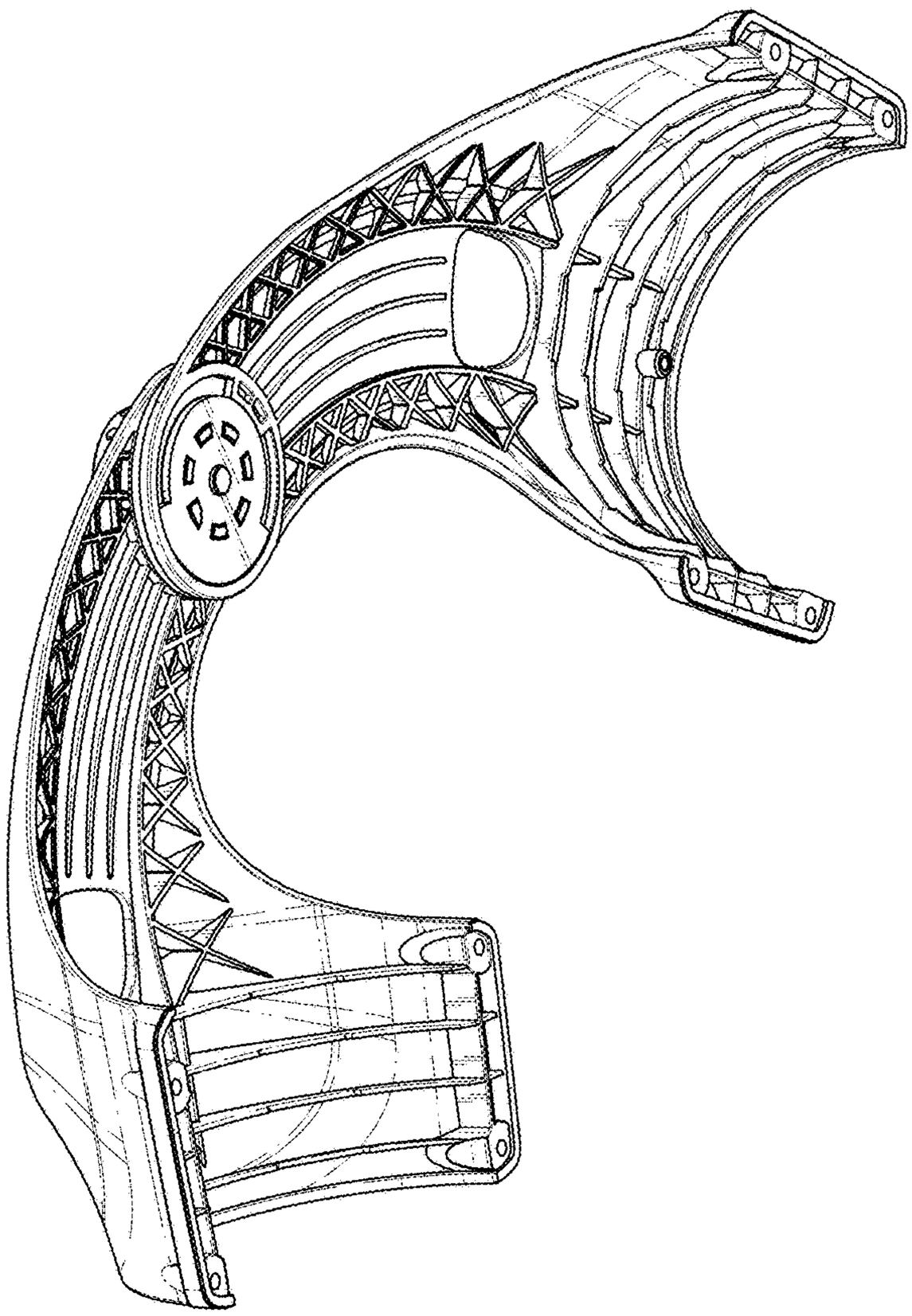

FIG. 2

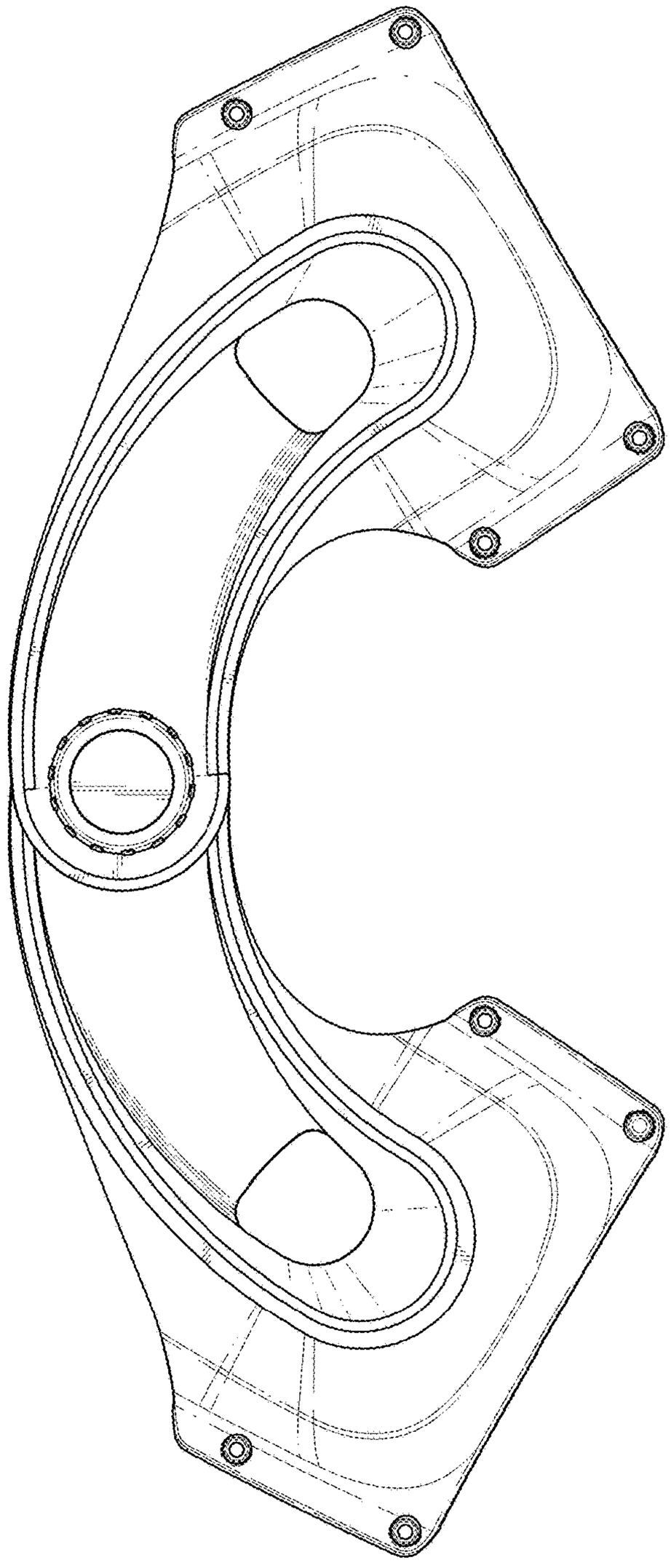

FIG. 3

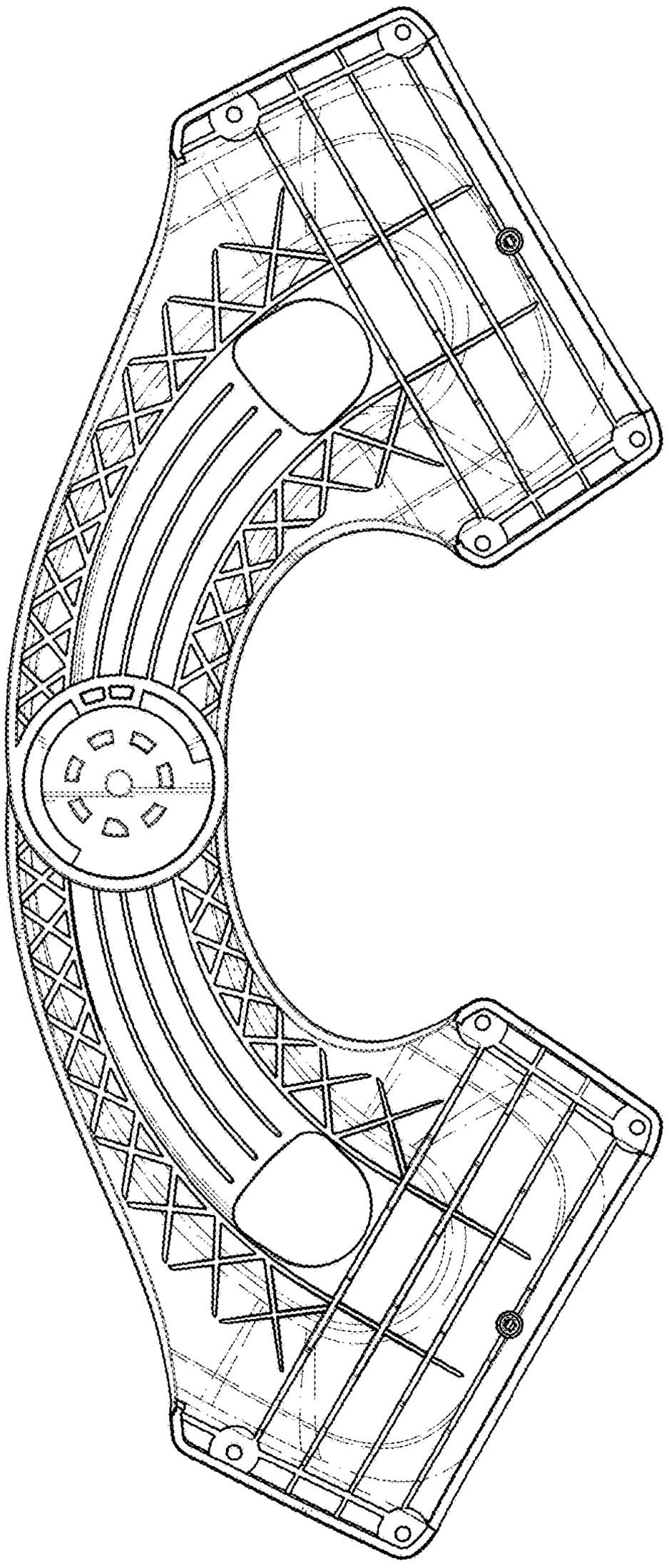

FIG. 4

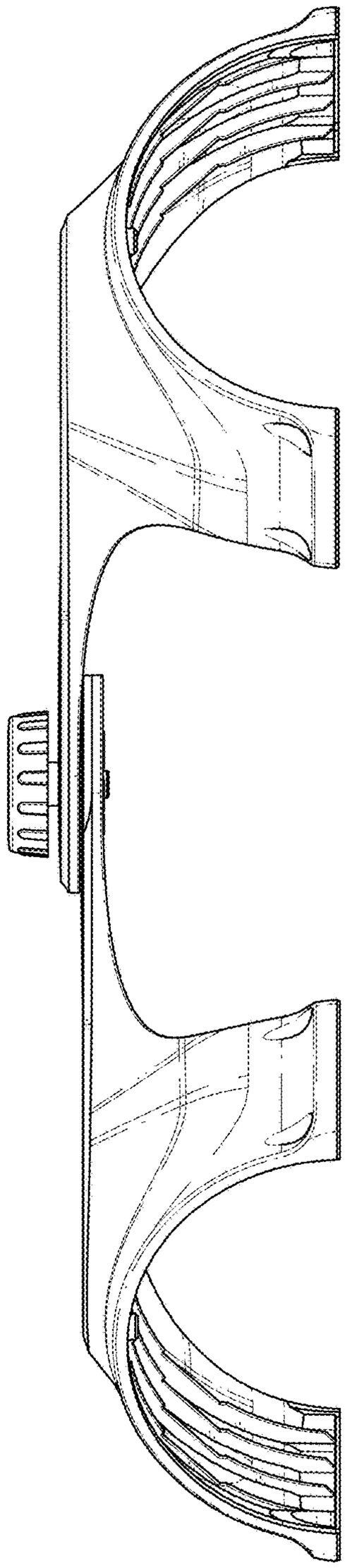

FIG. 5

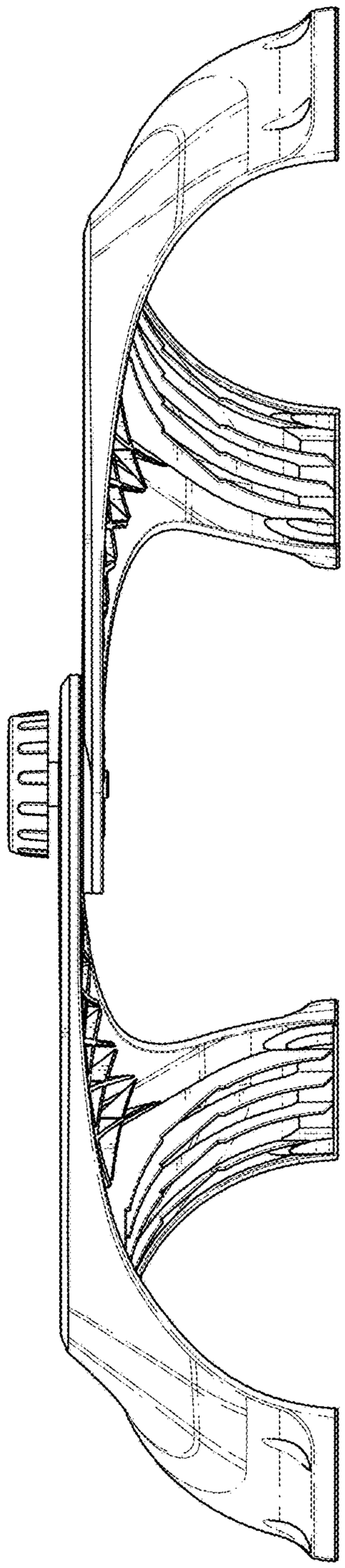

FIG. 6

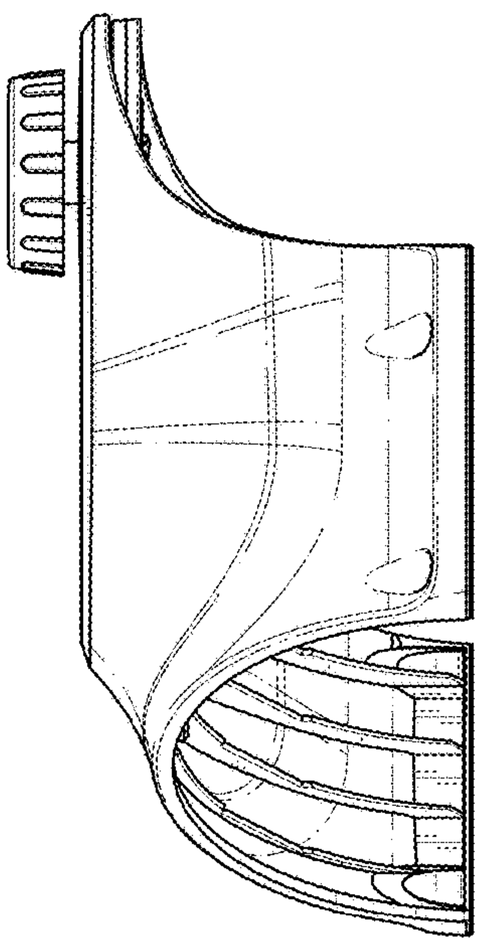

FIG. 7

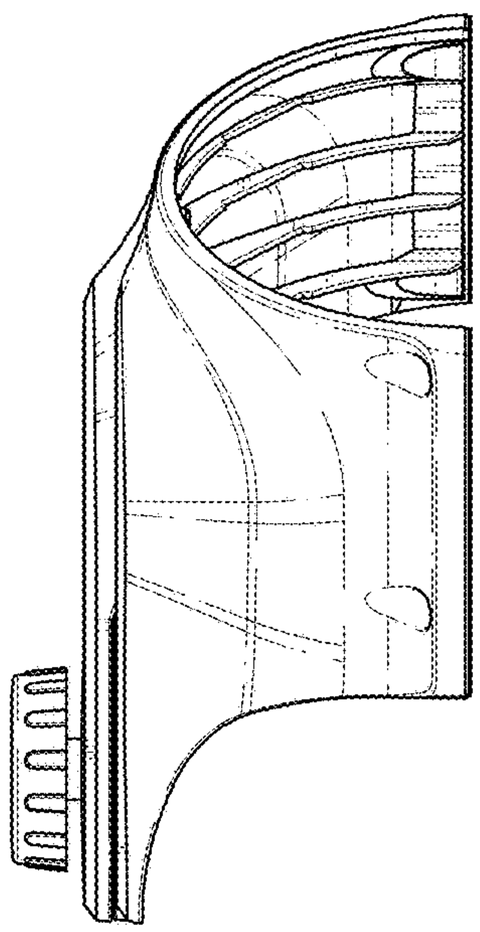

FIG. 8

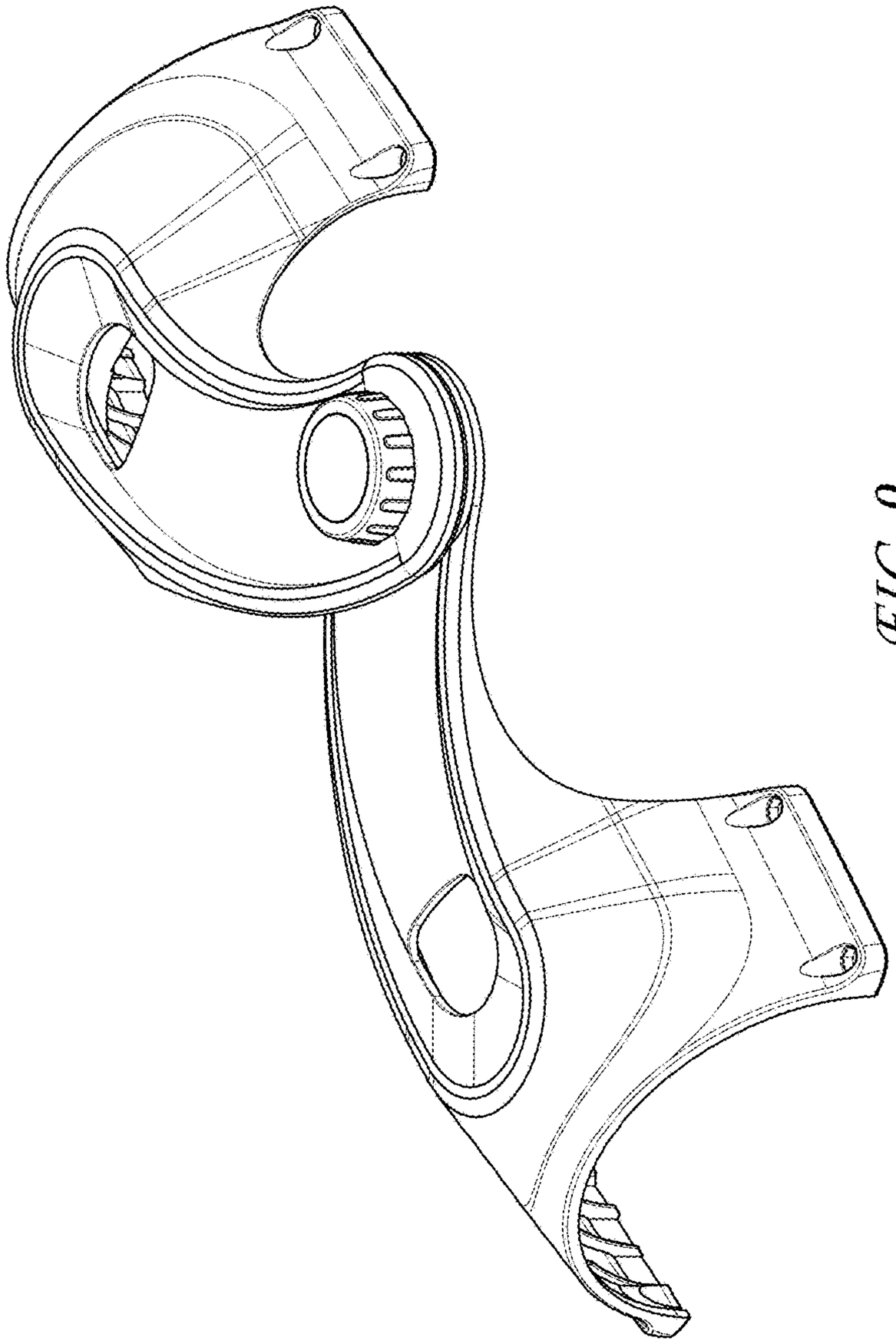

FIG. 9

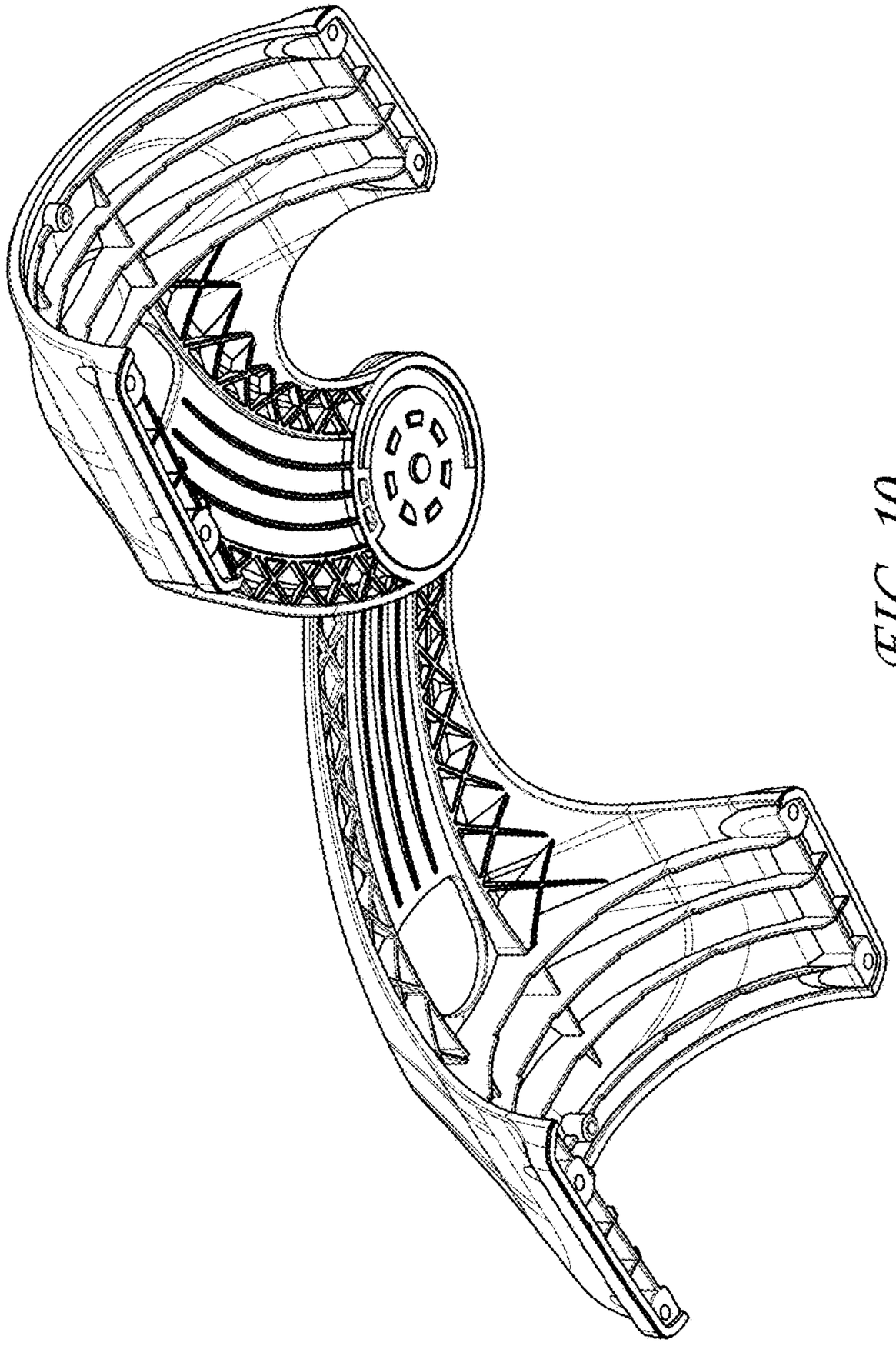

FIG. 10

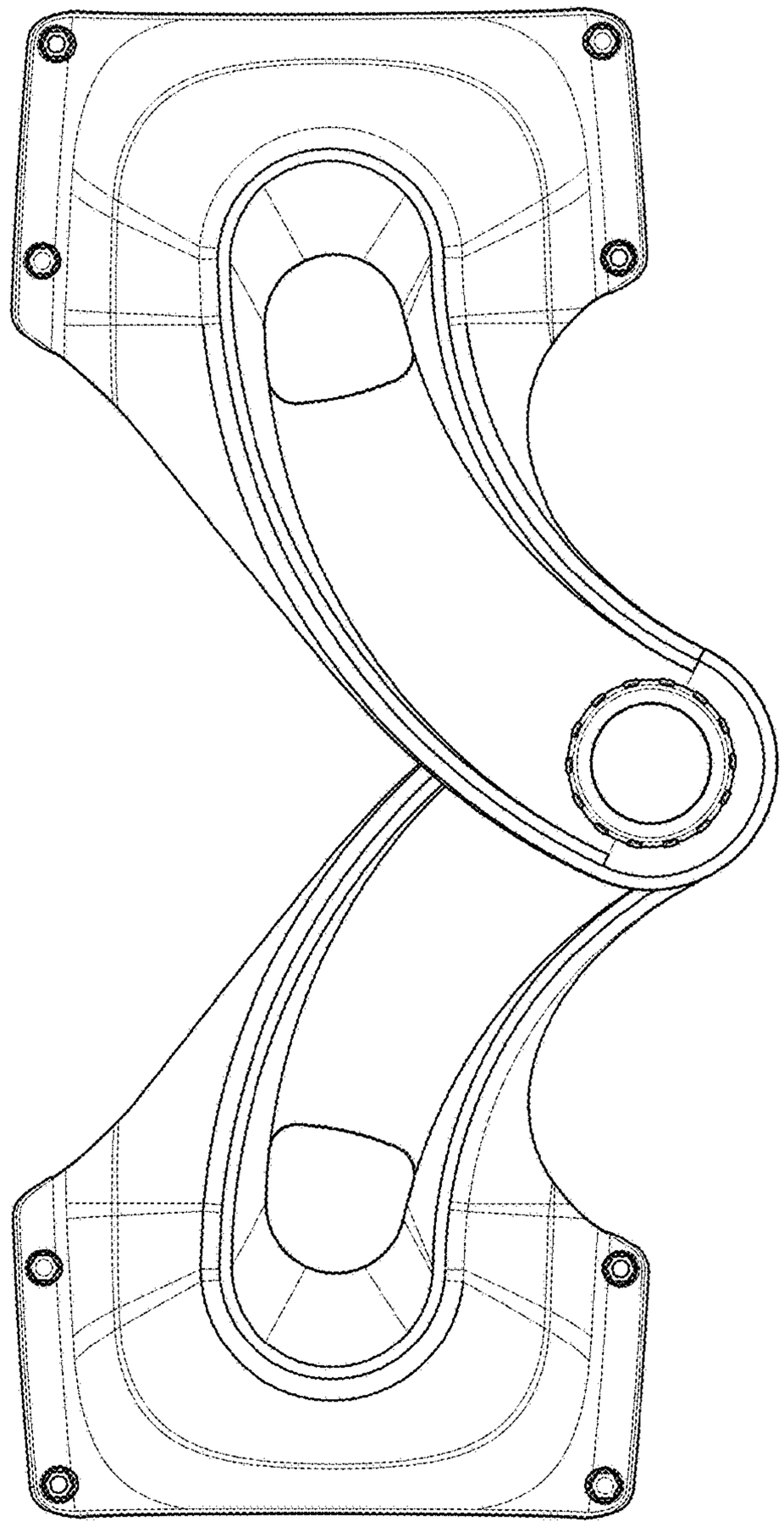

FIG. 11

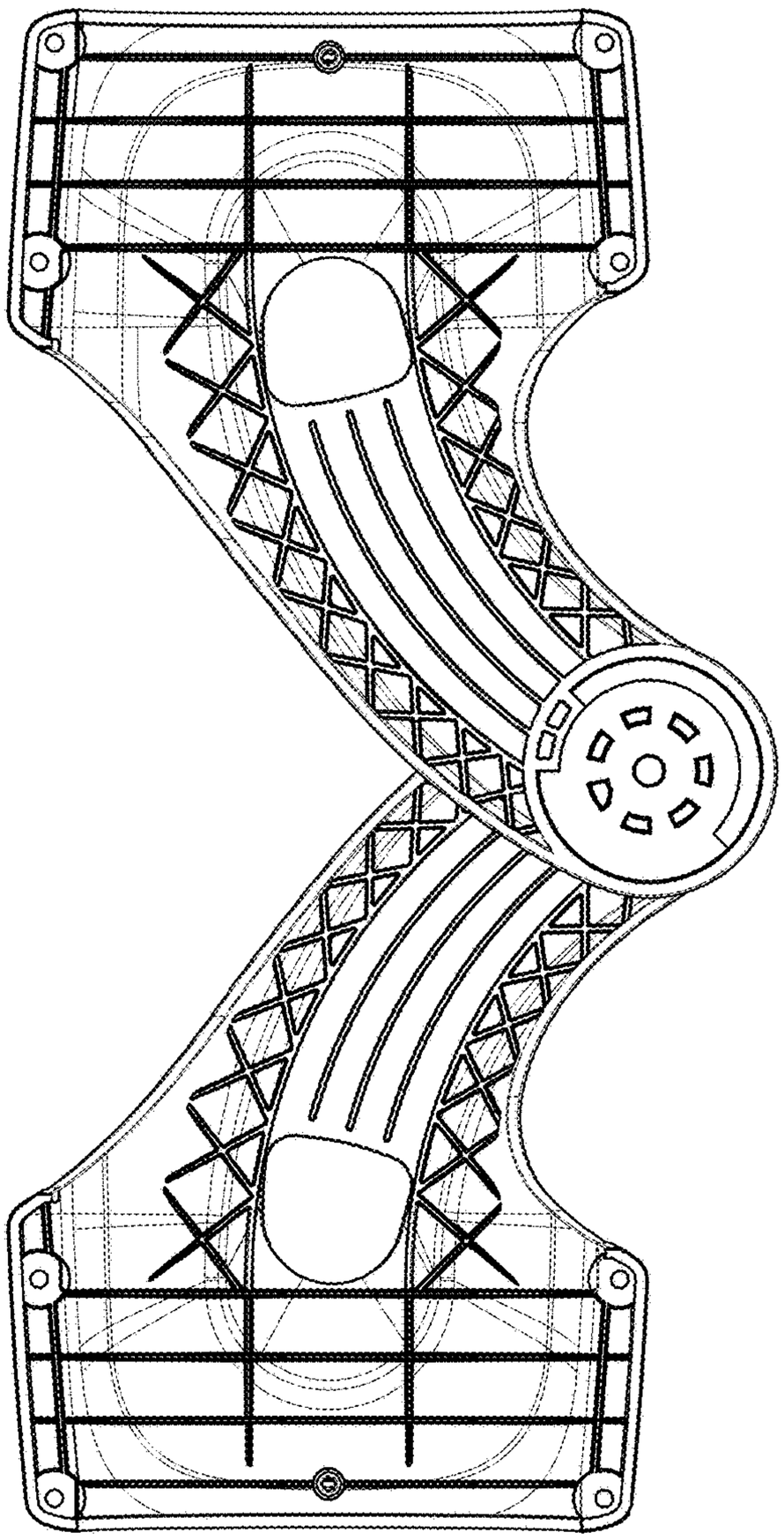

FIG. 12

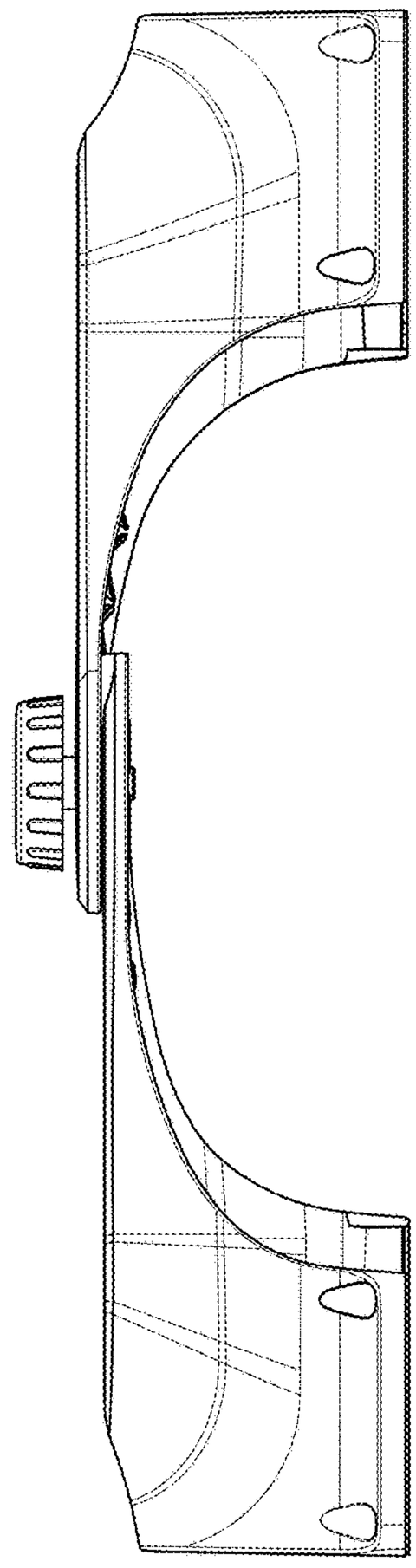

FIG. 13

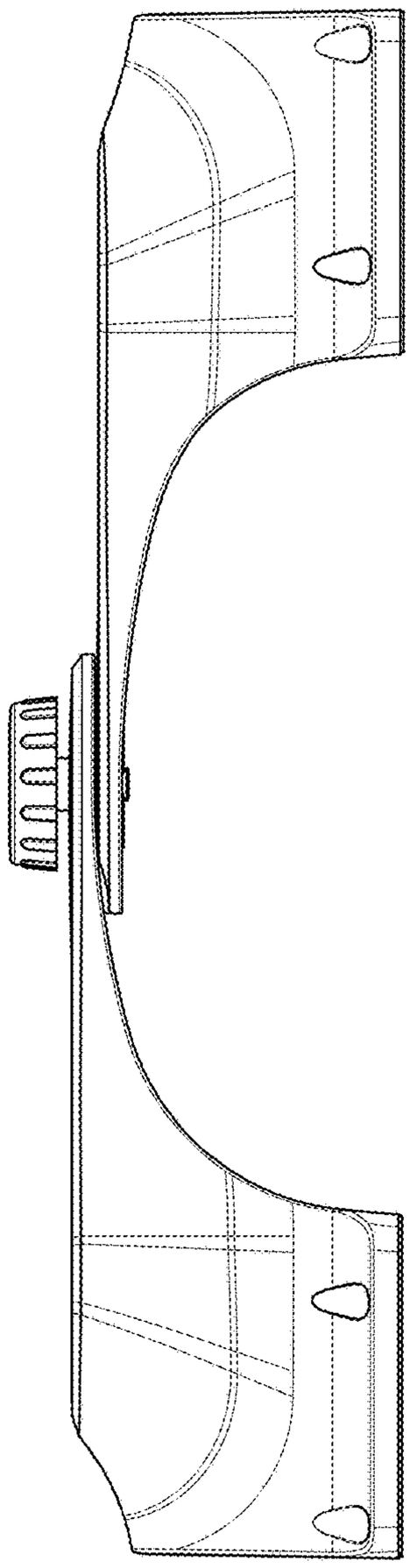

FIG. 14

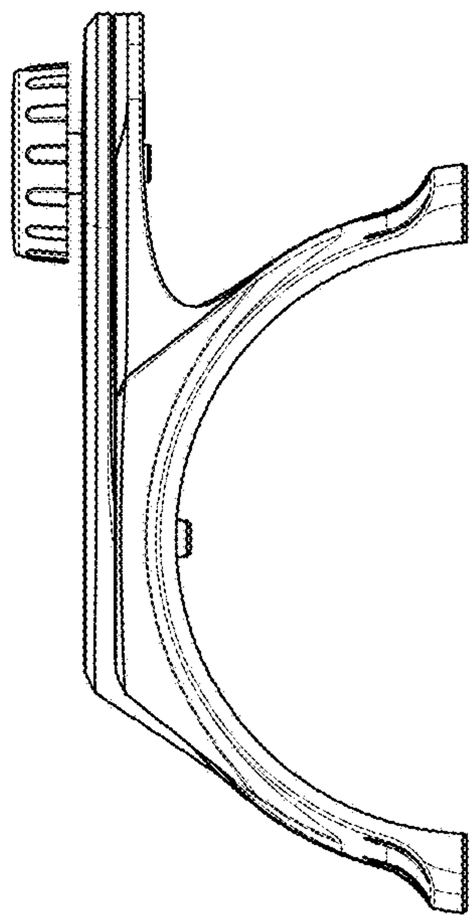

FIG. 15

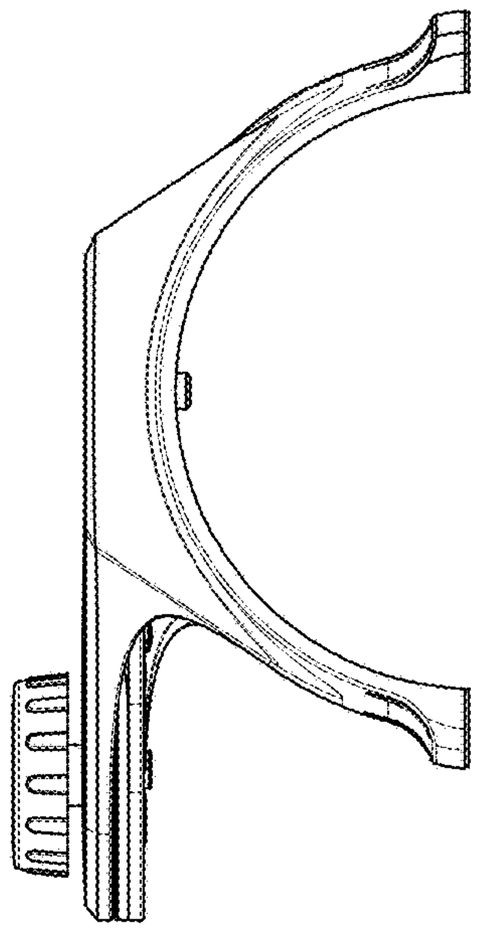

FIG. 16

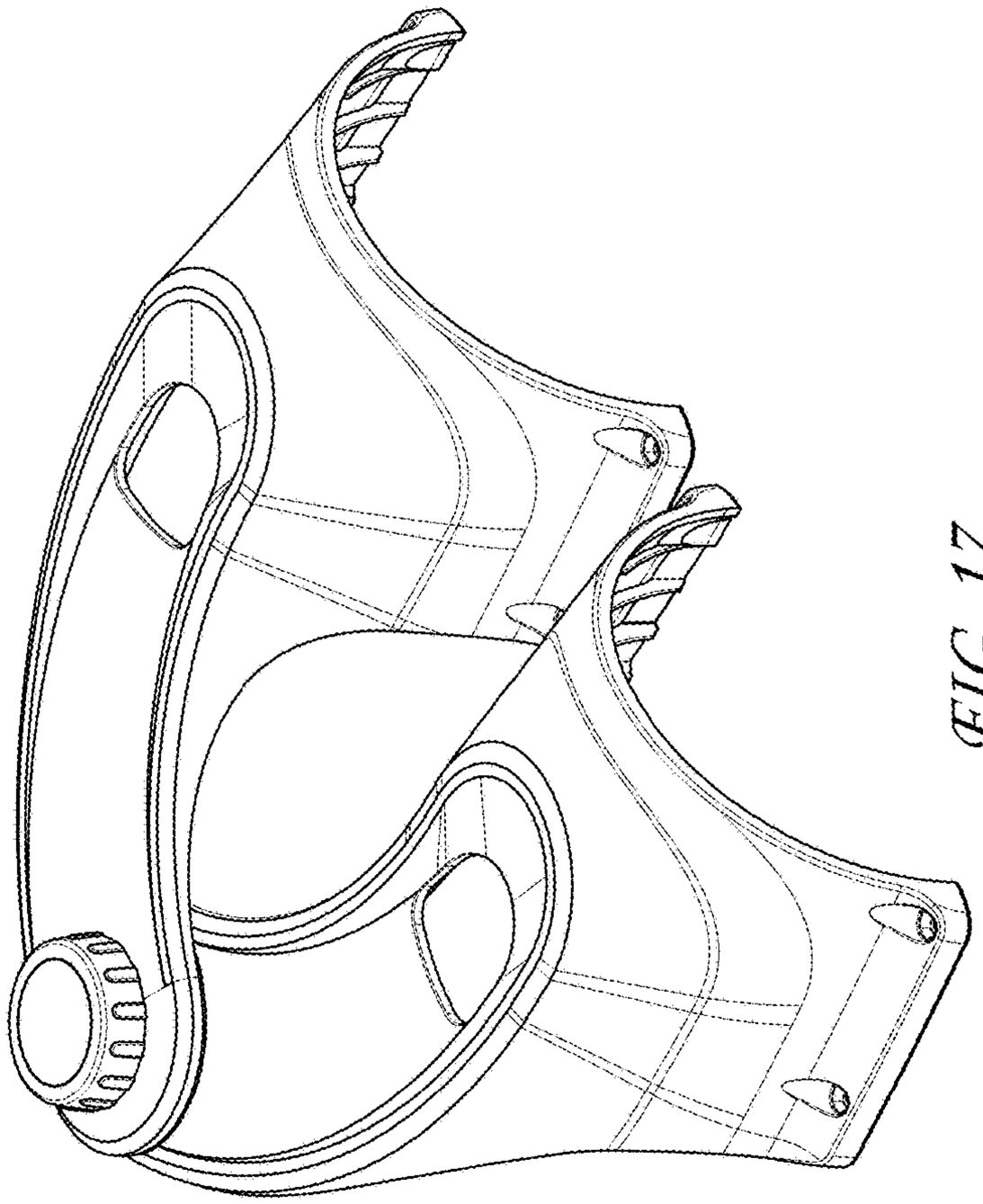

FIG. 17

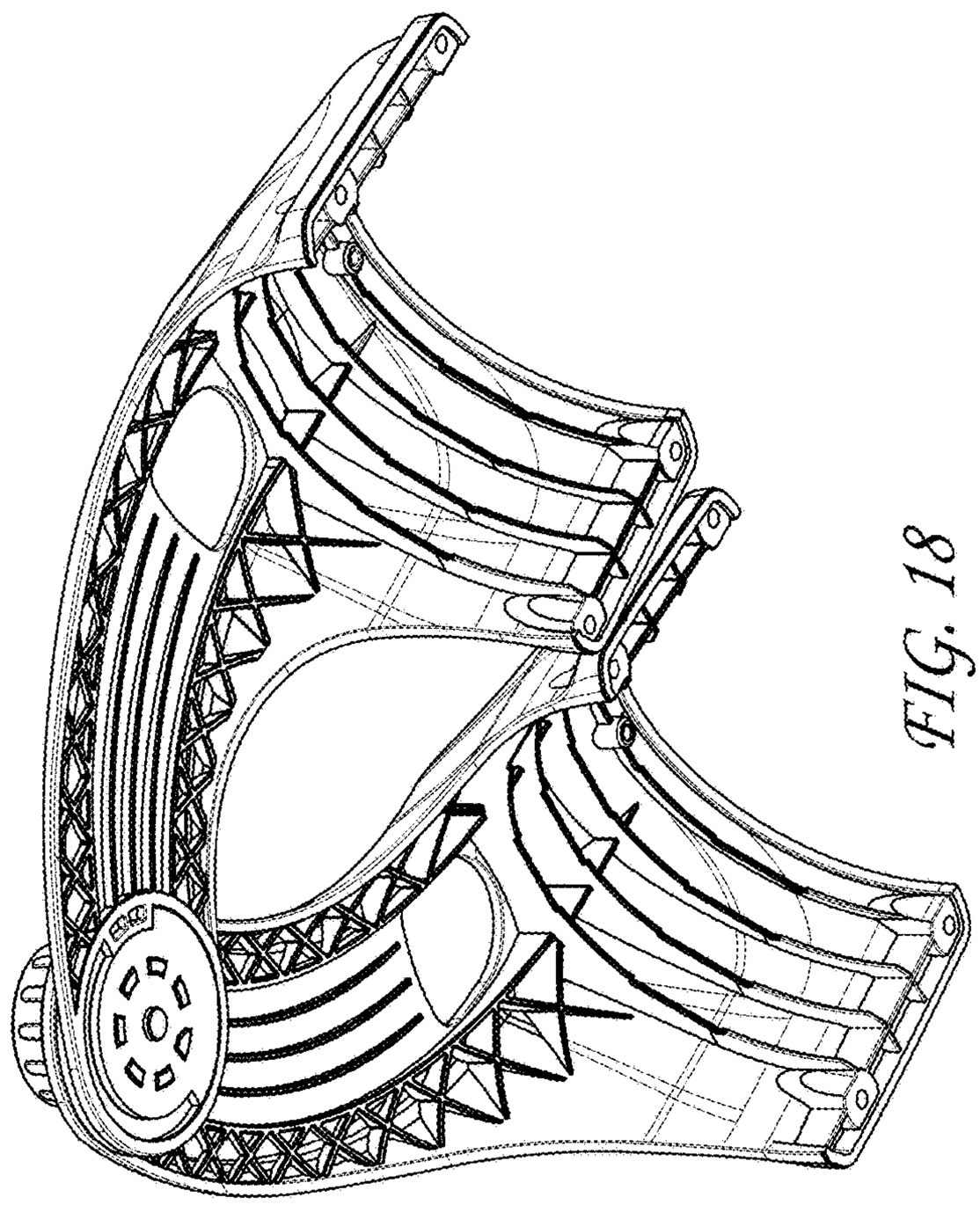

FIG. 18

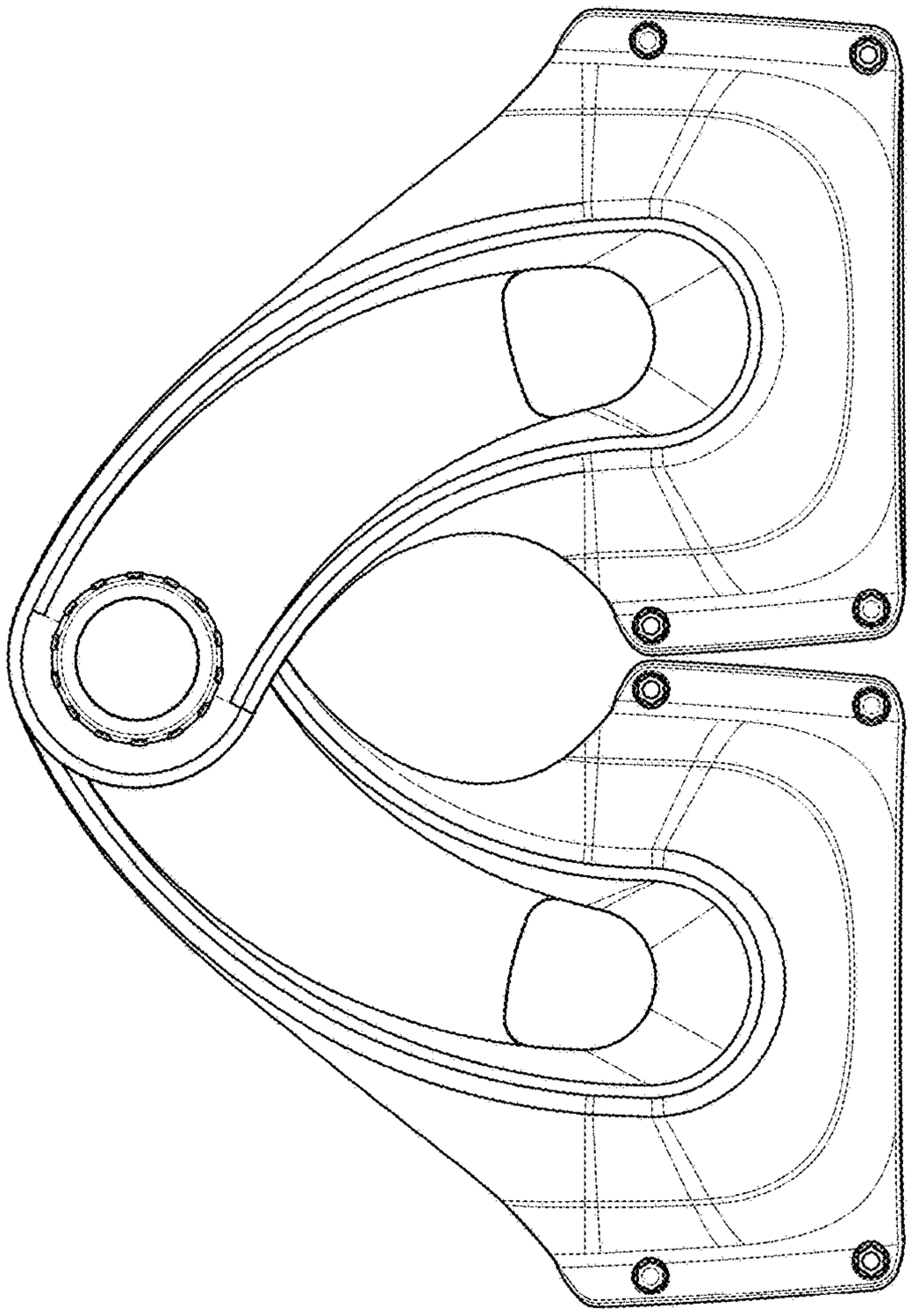

FIG. 19

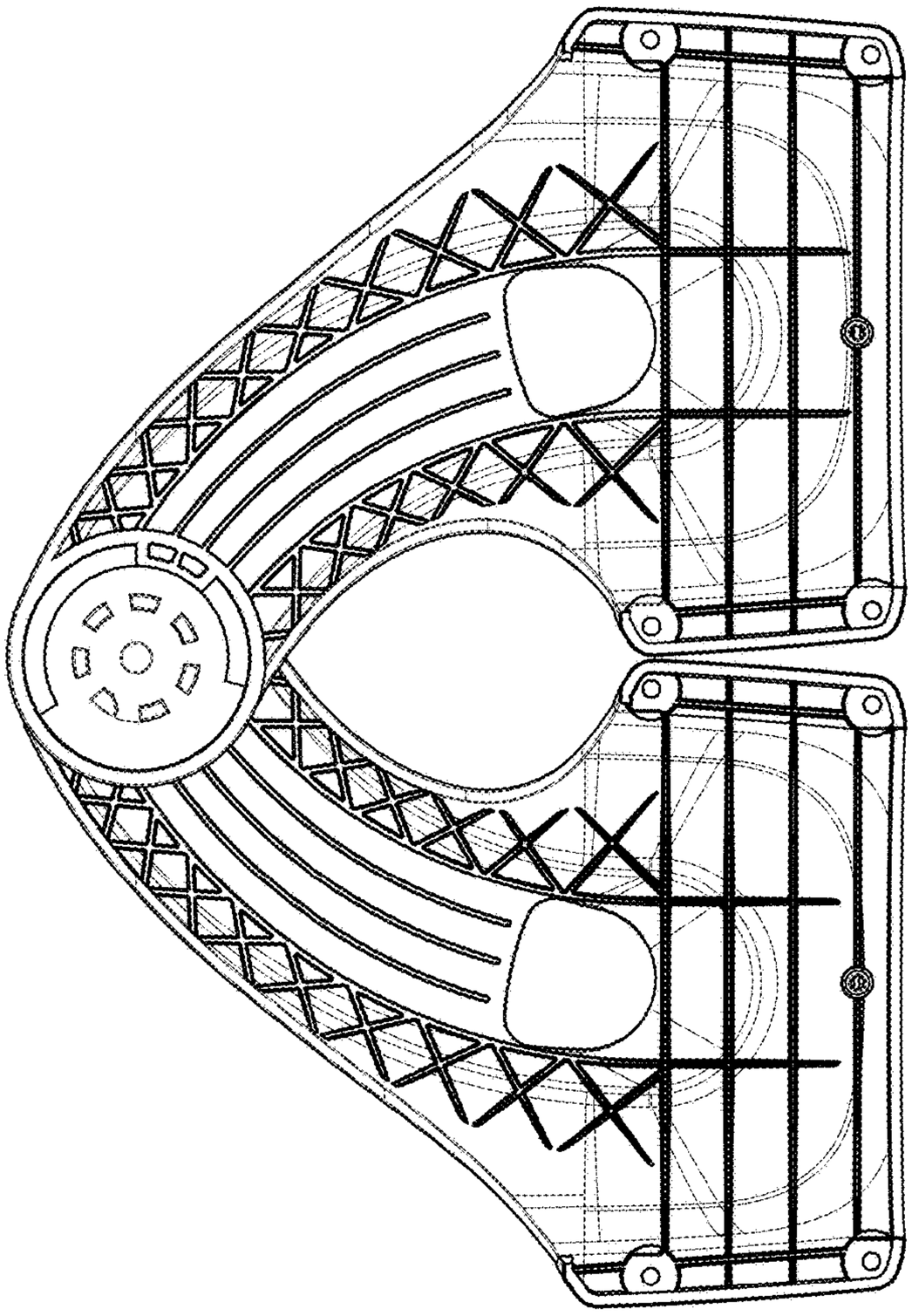

FIG. 20

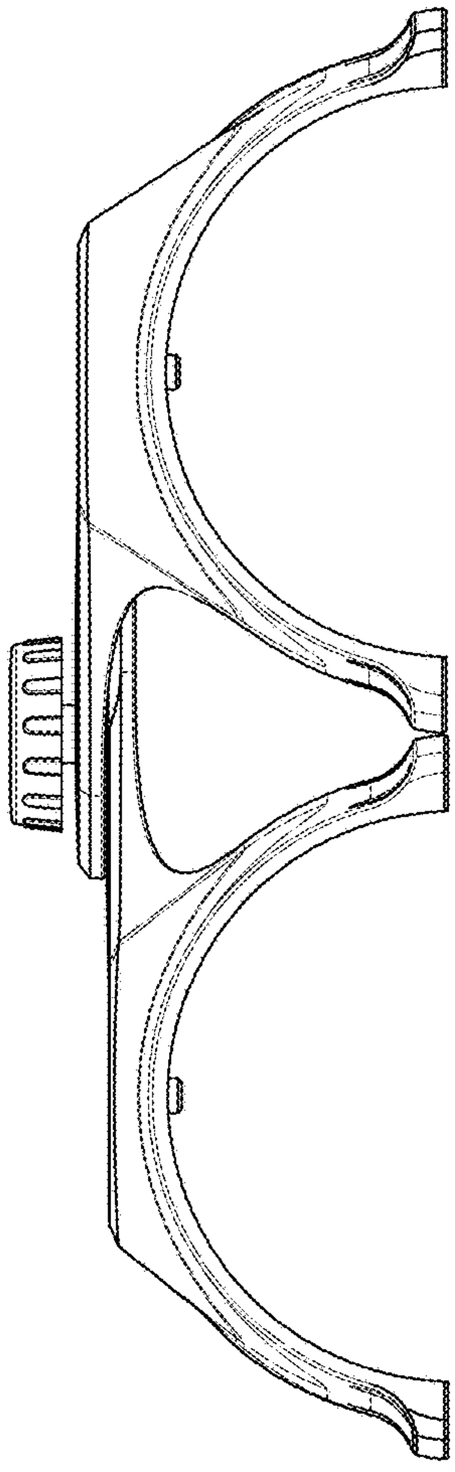

FIG. 21

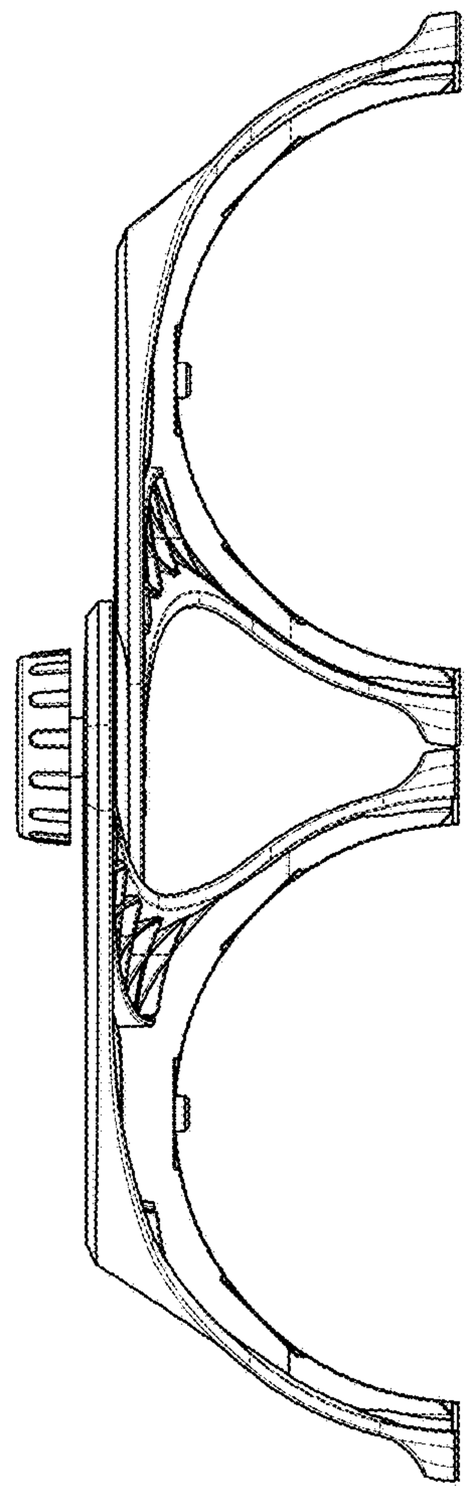

FIG. 22

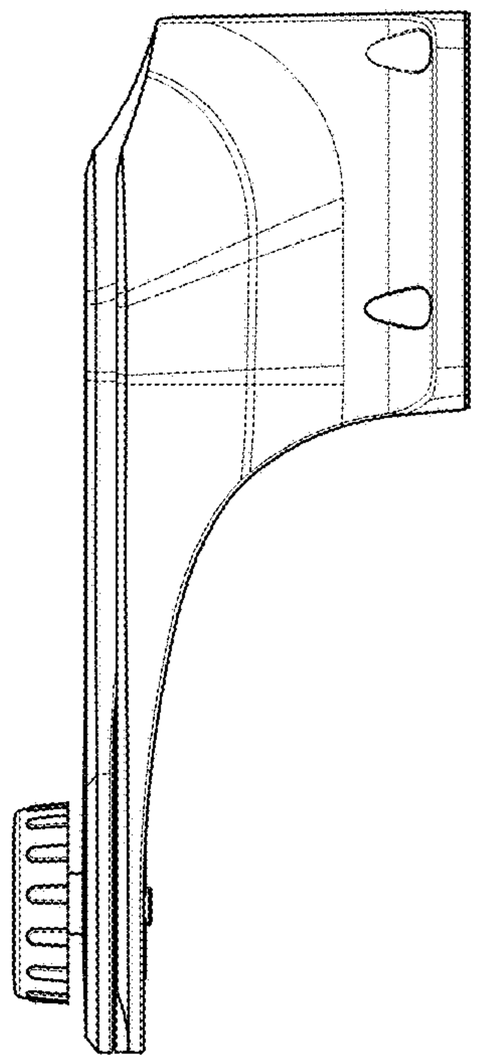

FIG. 23

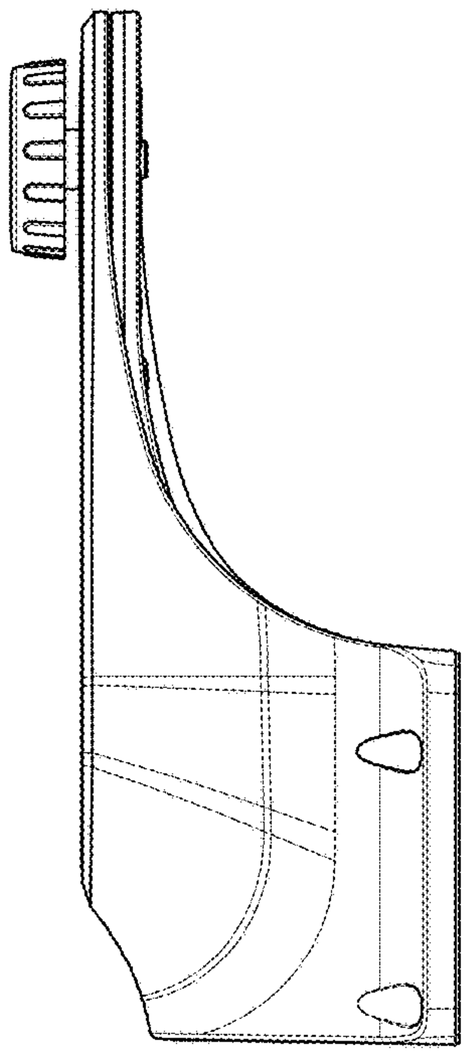

FIG. 24

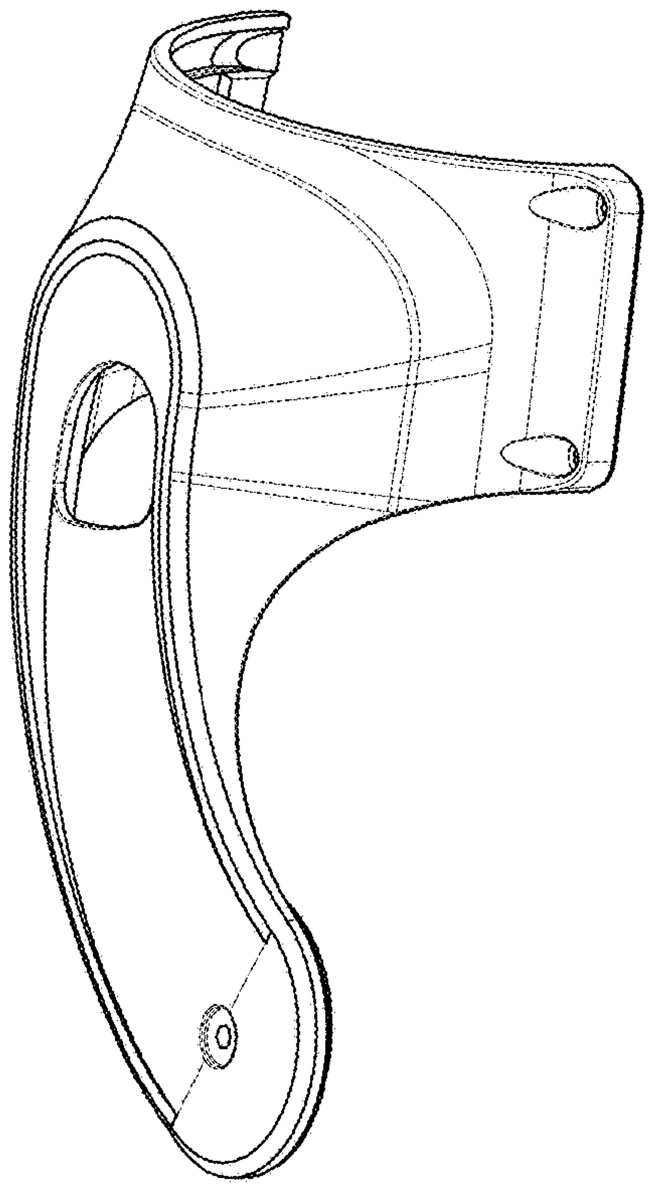

FIG. 25

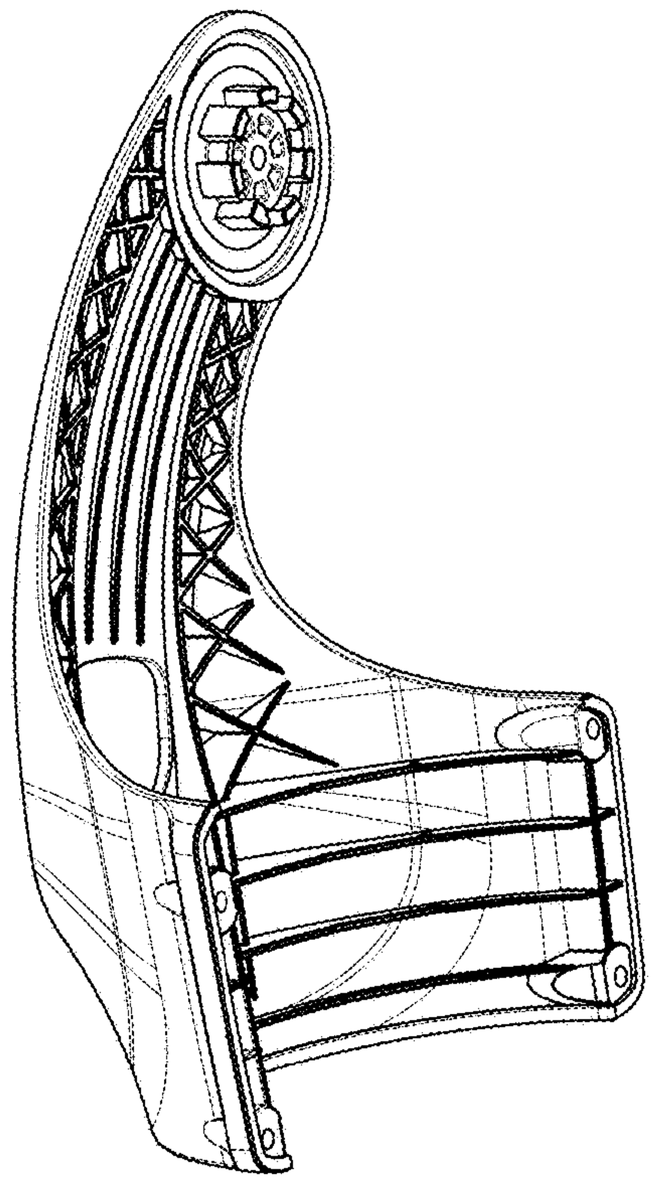

FIG. 26

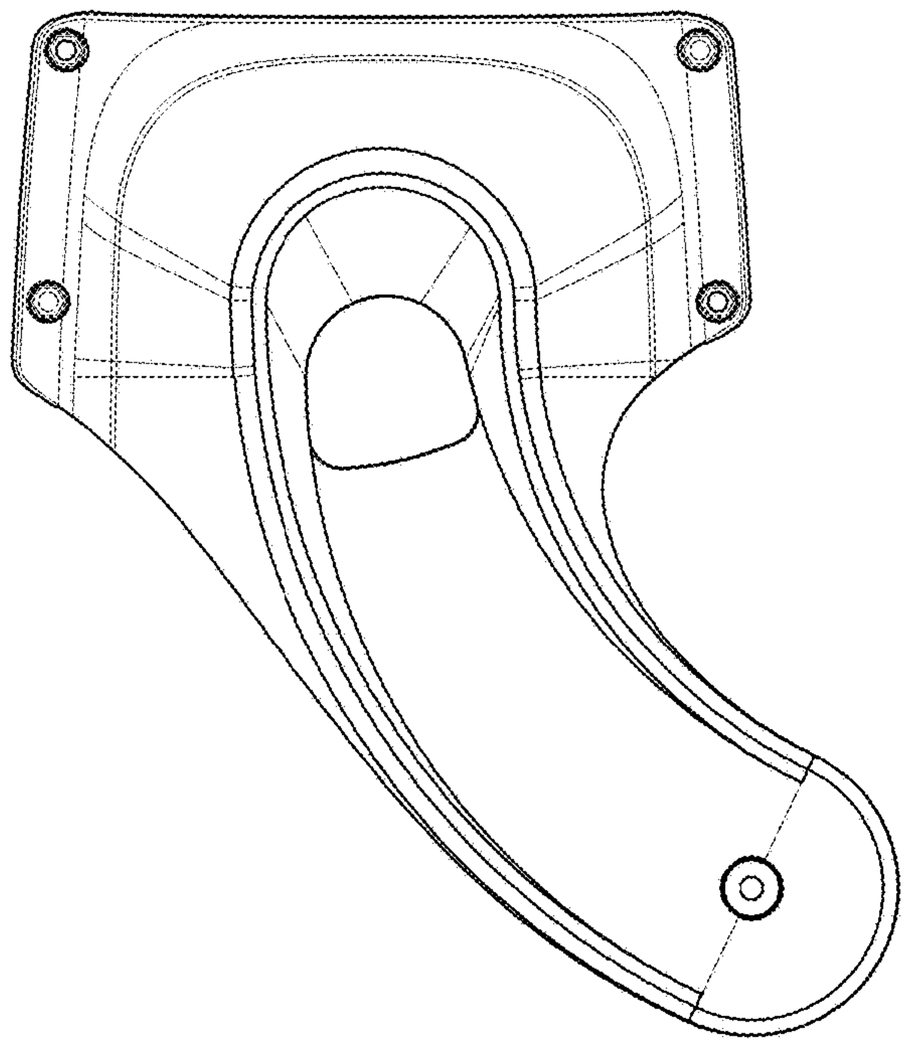

FIG. 27

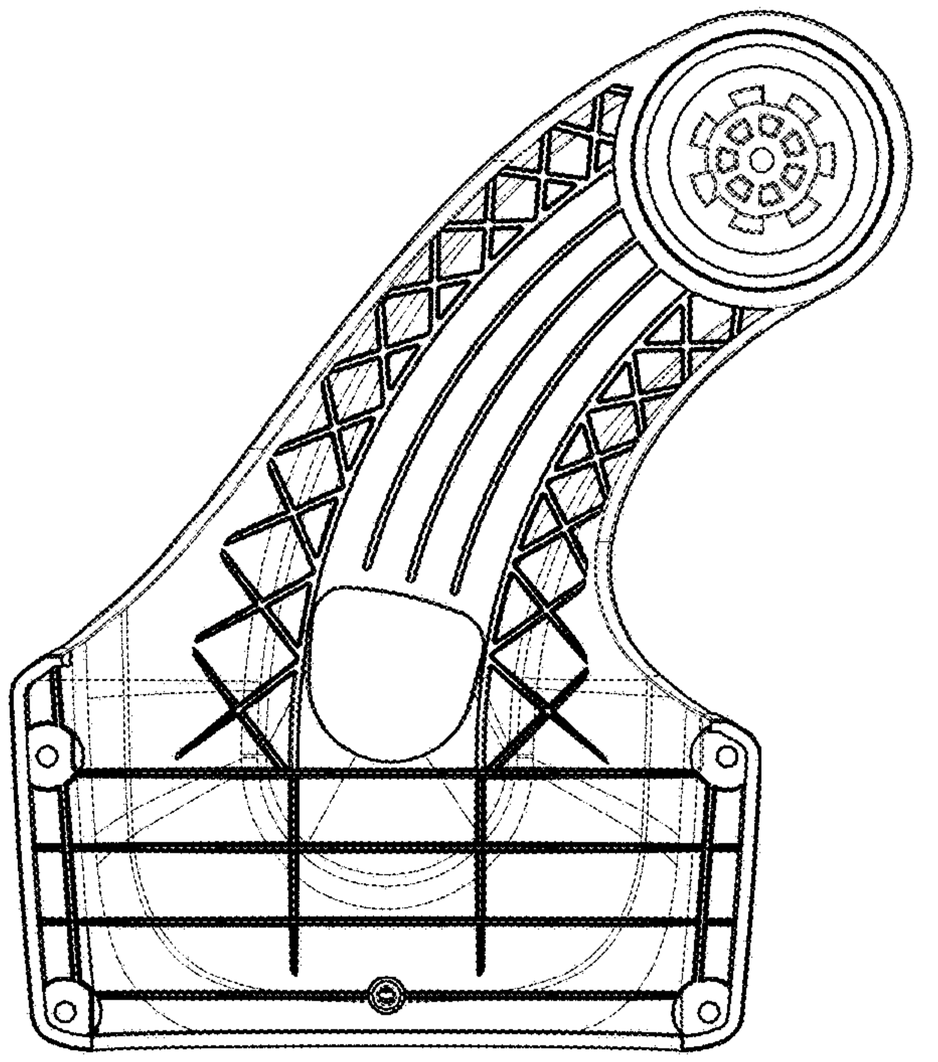

FIG. 28

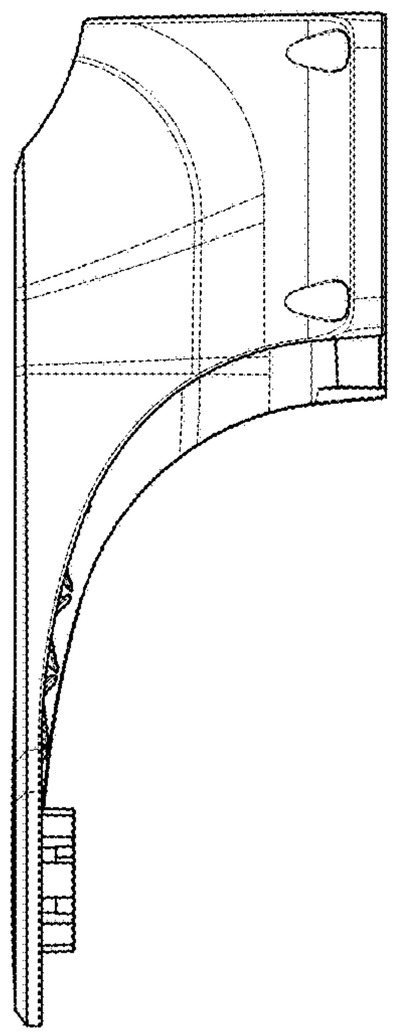

FIG. 29

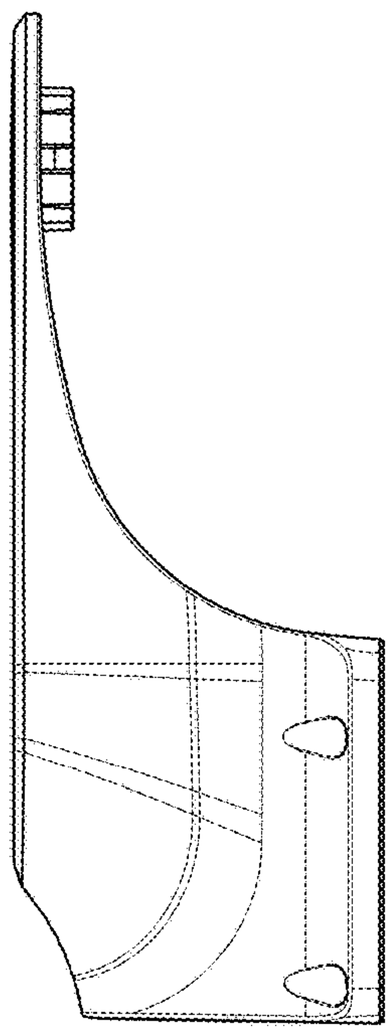

FIG. 30

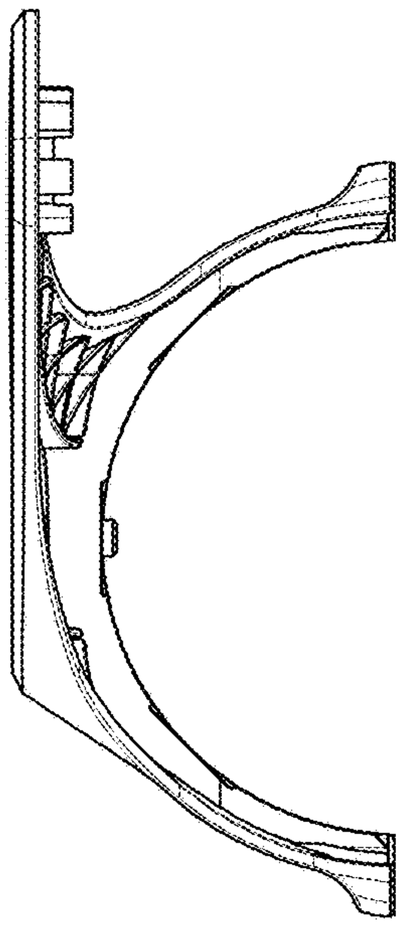

FIG. 31

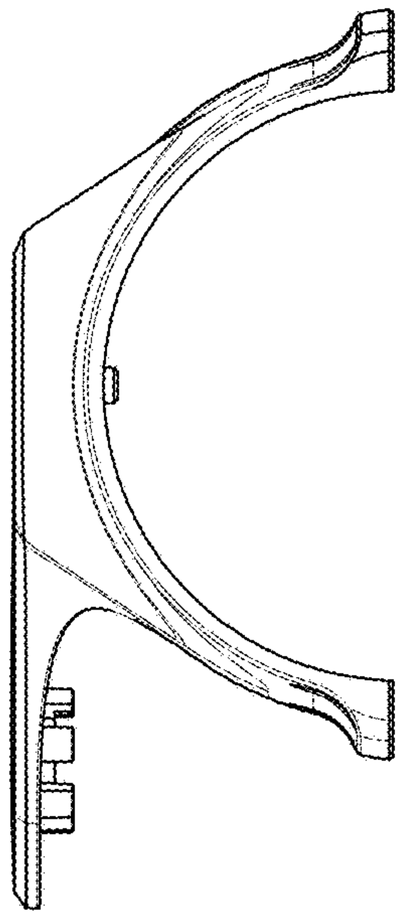

FIG. 32

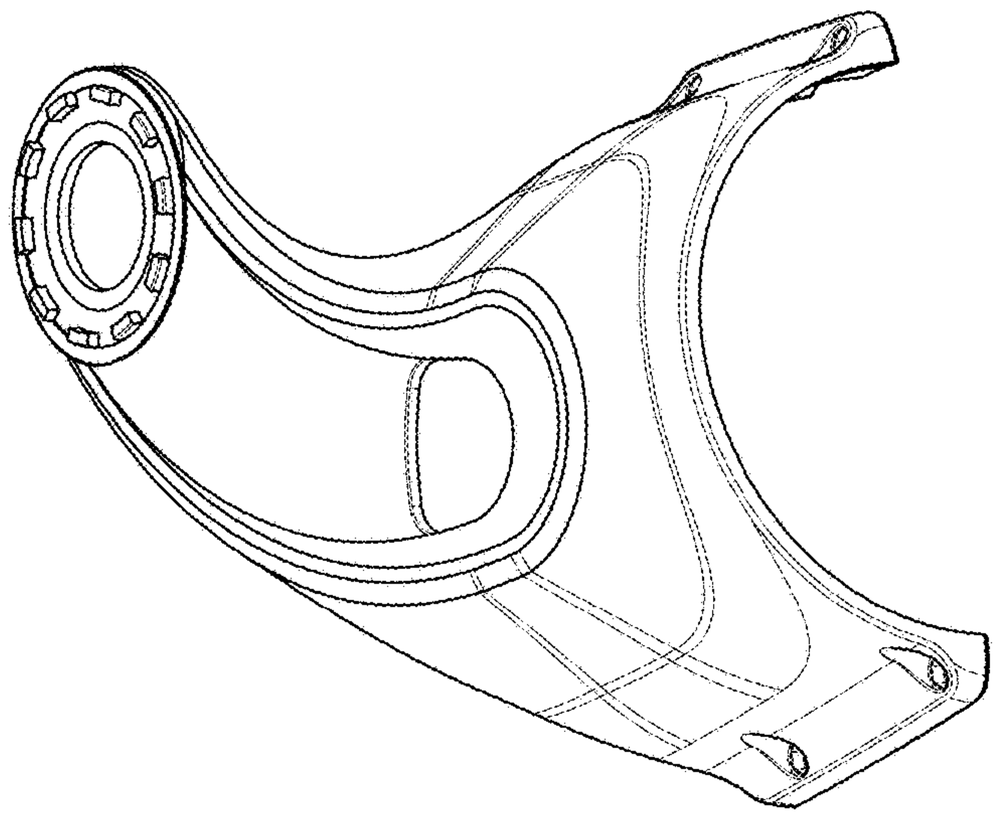

FIG. 33

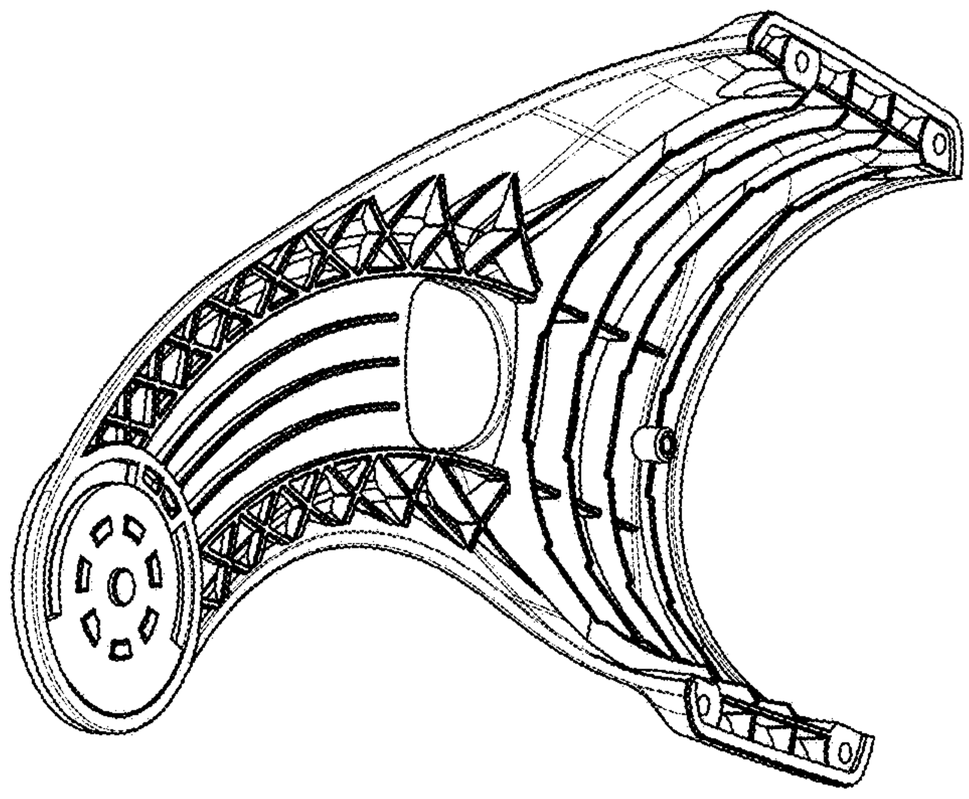

FIG. 34

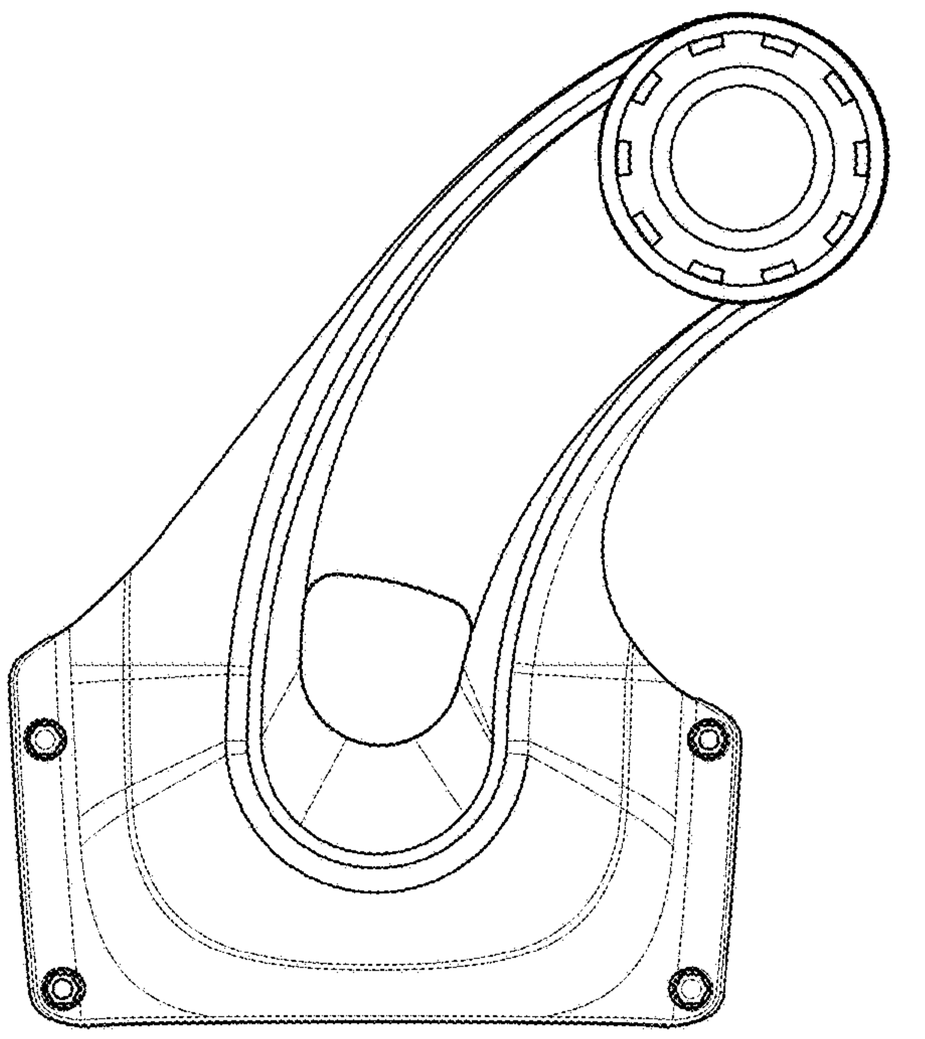

FIG. 35

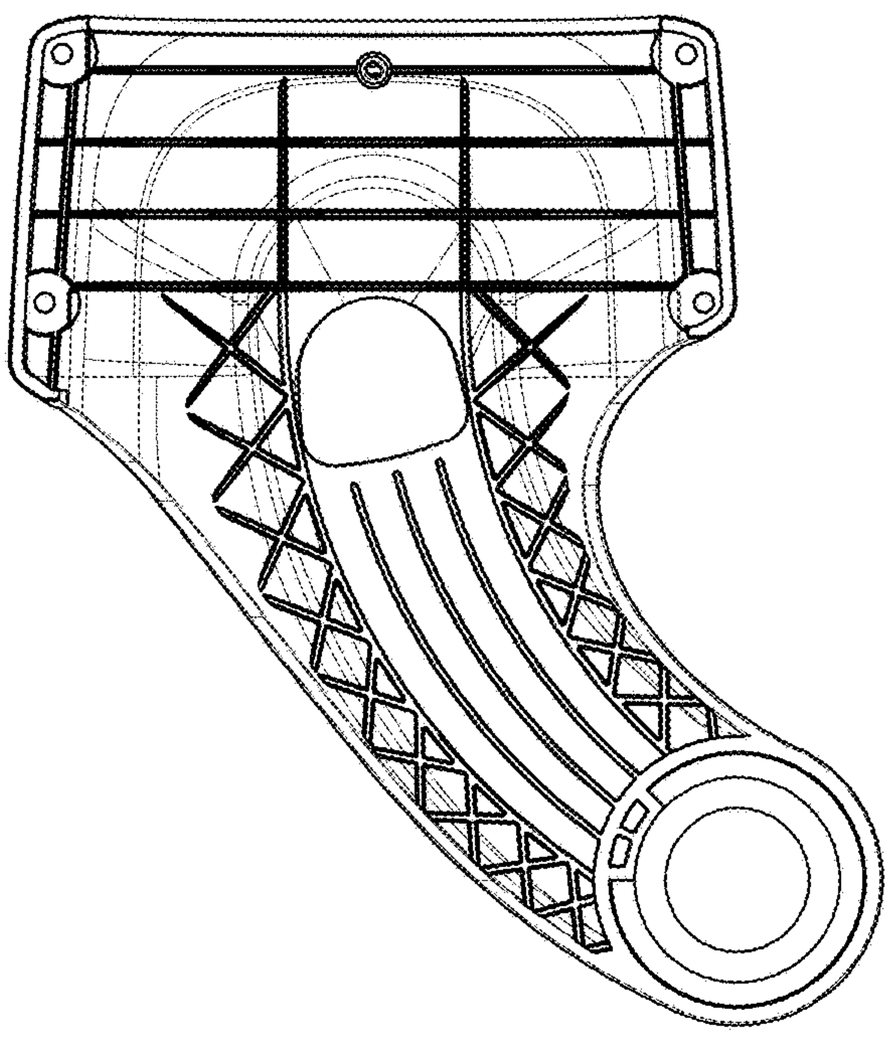

FIG. 36

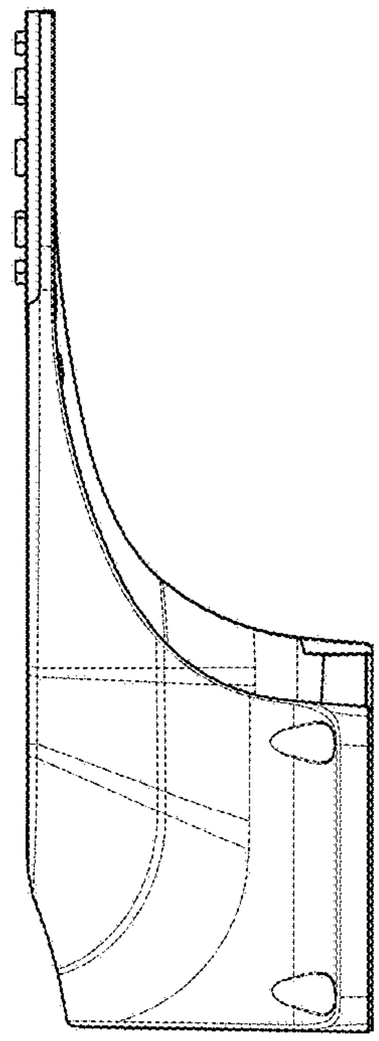

FIG. 37

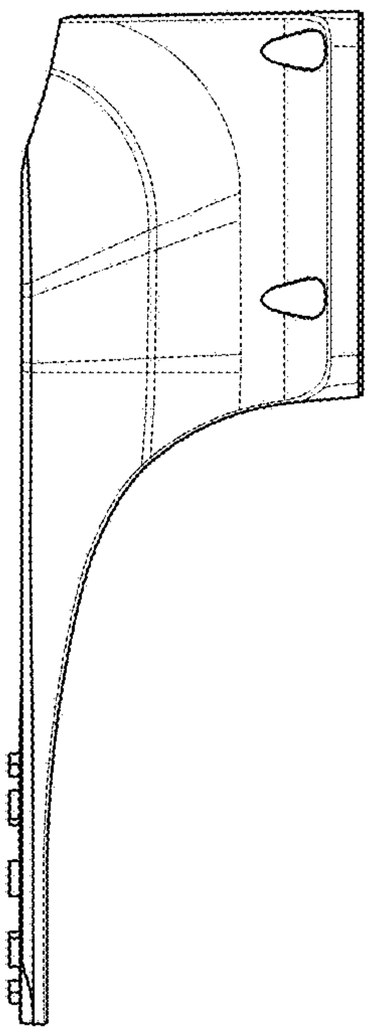

FIG. 38

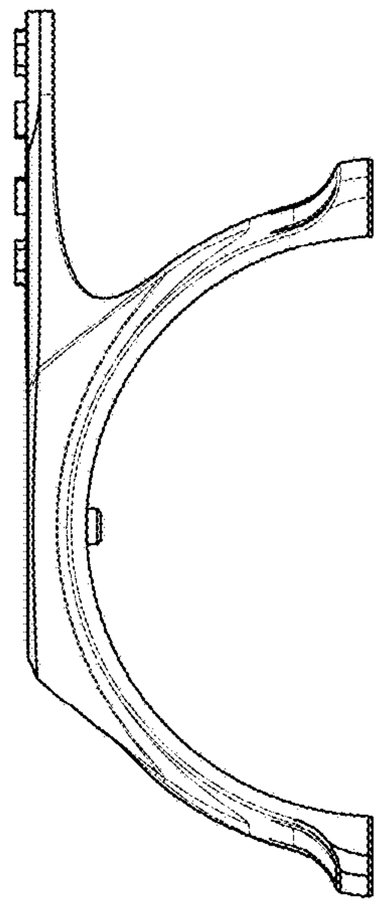

FIG. 39

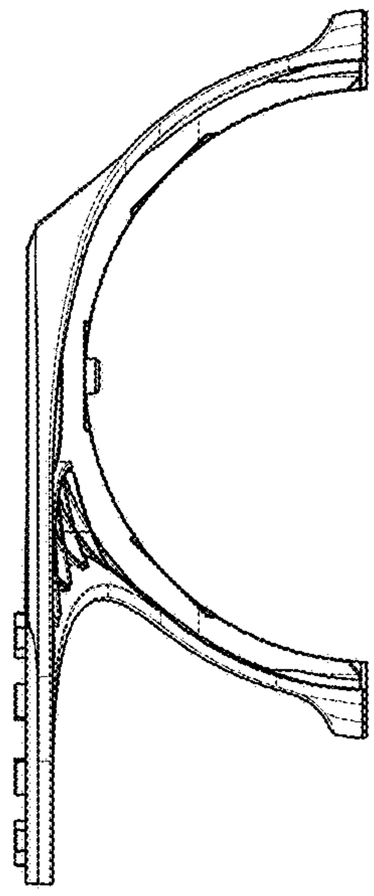

FIG. 40