



US00D968616S

(12) **United States Design Patent**
Cain

(10) **Patent No.:** **US D968,616 S**

(45) **Date of Patent:** **** Nov. 1, 2022**

(54) **MEDICAL DEVICE**

(71) Applicant: **MIRUS LLC**, Marietta, GA (US)

(72) Inventor: **David Brett Cain**, Marietta, GA (US)

(73) Assignee: **MIRUS LLC**, Marietta, GA (US)

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

(21) Appl. No.: **29/820,363**

(22) Filed: **Dec. 21, 2021**

Related U.S. Application Data

(63) Continuation of application No. 29/758,302, filed on Nov. 13, 2020, now Pat. No. Des. 942,624.

(51) **LOC (13) Cl.** **24-03**

(52) **U.S. Cl.**
USPC **D24/155**

(58) **Field of Classification Search**
USPC D24/155

CPC A61F 2/4611; A61F 2/442; A61F 2/447;
A61F 2220/0025; A61F 2310/00023;
A61F 2310/00017; A61F 2002/4475;
A61F 2002/30841; A61F 2002/2835;
A61F 2002/30904; A61F 2002/30785;
A61F 2002/443; A61F 2002/30578

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,867,728 A 2/1975 Stubstad
4,955,908 A 9/1990 Frey et al.
5,496,372 A 3/1996 Hamamoto et al.
5,545,229 A 8/1996 Parsons et al.
5,609,635 A 3/1997 Michelson
7,001,551 B2 2/2006 Meredith
D625,821 S 10/2010 Goncalves et al.

9,295,562 B2 3/2016 Lechmann et al.
9,345,817 B2 5/2016 Papengelou et al.
D773,047 S 11/2016 Goncalves et al.
9,636,226 B2 5/2017 Hunt
9,662,157 B2 5/2017 Schneider et al.
9,681,966 B2 6/2017 Knapp et al.
9,700,431 B2 6/2017 Nebosky et al.
9,724,203 B2 8/2017 Nebosky et al.
D809,661 S 2/2018 Mueller
D815,281 S 4/2018 Chang et al.
10,271,958 B2 4/2019 Schaufler et al.
10,369,009 B2* 8/2019 Joly A61F 2/4465
D870,288 S 12/2019 Dang
10,512,545 B2 12/2019 Amone
10,517,739 B2 12/2019 Ryan
10,709,570 B2 7/2020 Stauffer et al.
10,744,003 B2* 8/2020 Ryan A61F 2/4465
D920,515 S * 5/2021 Miller D24/155
D920,516 S * 5/2021 Miller D24/155

(Continued)

Primary Examiner — Charles D Hanson

(74) *Attorney, Agent, or Firm* — Ulmer & Berne LLP;
Brian E Turung

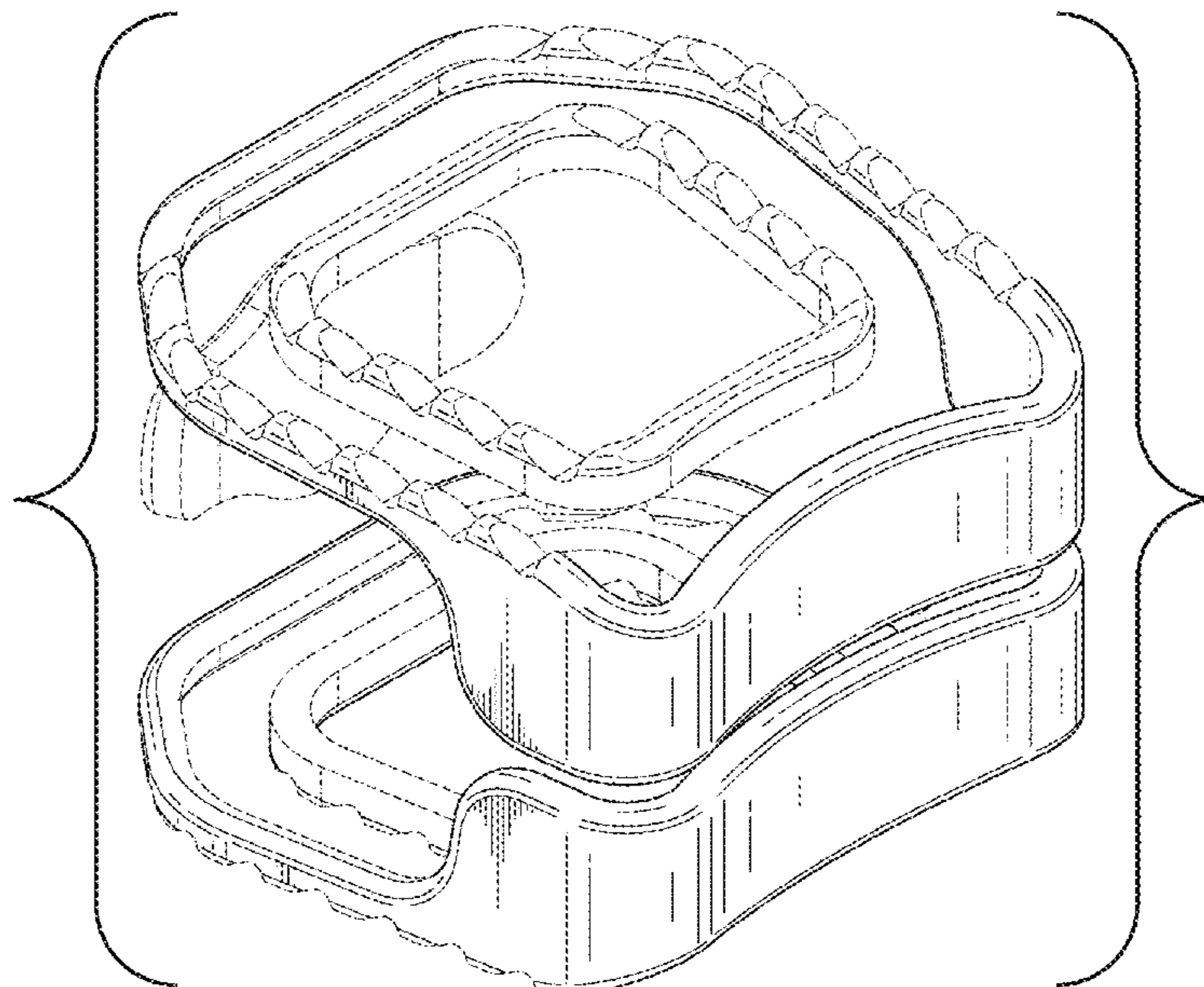
(57) **CLAIM**

The ornamental design for a medical device, as shown and described in FIGS. 1-7.

DESCRIPTION

FIG. 1 is a front perspective view of the medical device;
FIG. 2 is a front elevation view of the medical device of FIG. 1;
FIG. 3 is a rear elevation view of the medical device of FIG. 1;
FIG. 4 is a right side view of the medical device of FIG. 1;
FIG. 5 is a left side view of the medical device of FIG. 1;
FIG. 6 is a top plan view of the medical device of FIG. 1;
and,
FIG. 7 is a bottom plan view of the medical device of FIG. 1.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D920,517	S *	5/2021	Miller	D24/155
11,147,679	B2 *	10/2021	Kowalczyk	A61F 2/2846
D942,011	S *	1/2022	Cain	D24/155
D942,623	S *	2/2022	Cain	D24/155
D942,624	S *	2/2022	Cain	D24/155
D944,400	S *	2/2022	Cain	D24/155
2009/0048675	A1	2/2009	Bhatnagar et al.	
2012/0197413	A1	8/2012	Kyomoto et al.	
2012/0303128	A1	11/2012	Ulrich et al.	
2012/0321878	A1	12/2012	Landon et al.	
2015/0094813	A1 *	4/2015	Lechmann	A61F 2/442 623/17.15
2016/0270920	A1 *	9/2016	Dawson	A61L 27/225
2016/0324656	A1	11/2016	Morris et al.	
2016/0374829	A1 *	12/2016	Vogt	A44B 18/0065 623/17.16
2017/0020685	A1 *	1/2017	Geisler	A61F 2/30965
2017/0156880	A1	6/2017	Halverson et al.	
2018/0110624	A1 *	4/2018	Arnone	A61F 2/30907
2018/0243097	A1	8/2018	Jones et al.	
2018/0256336	A1 *	9/2018	Mueller	B33Y 70/00
2018/0296363	A1	10/2018	Berry	
2018/0338838	A1 *	11/2018	Cryder	A61F 2/30771
2019/0076258	A1 *	3/2019	Black	A61F 2/30942
2019/0083270	A1	3/2019	Milz et al.	
2019/0133783	A1	5/2019	Unger et al.	

* cited by examiner

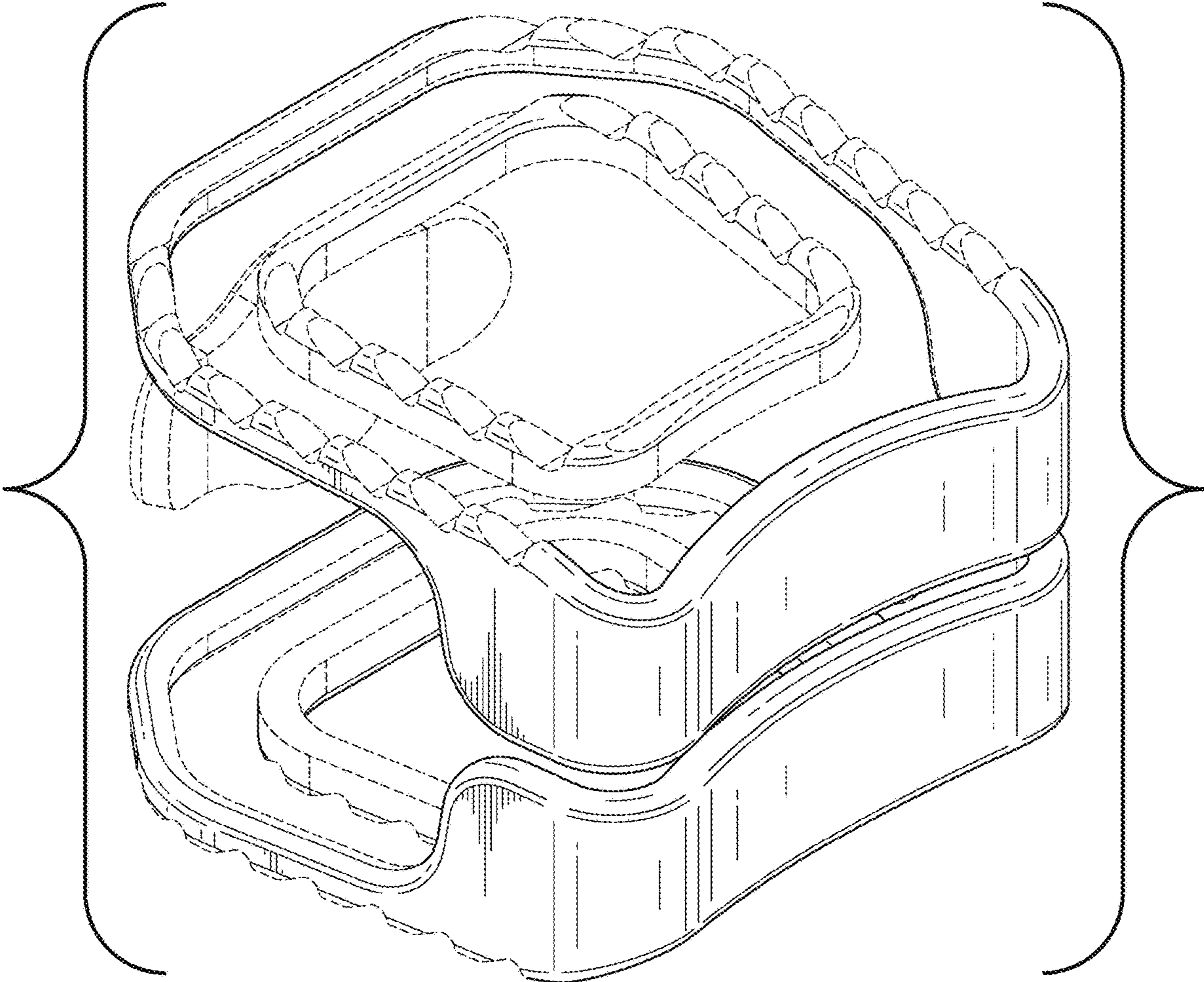


FIG. 1

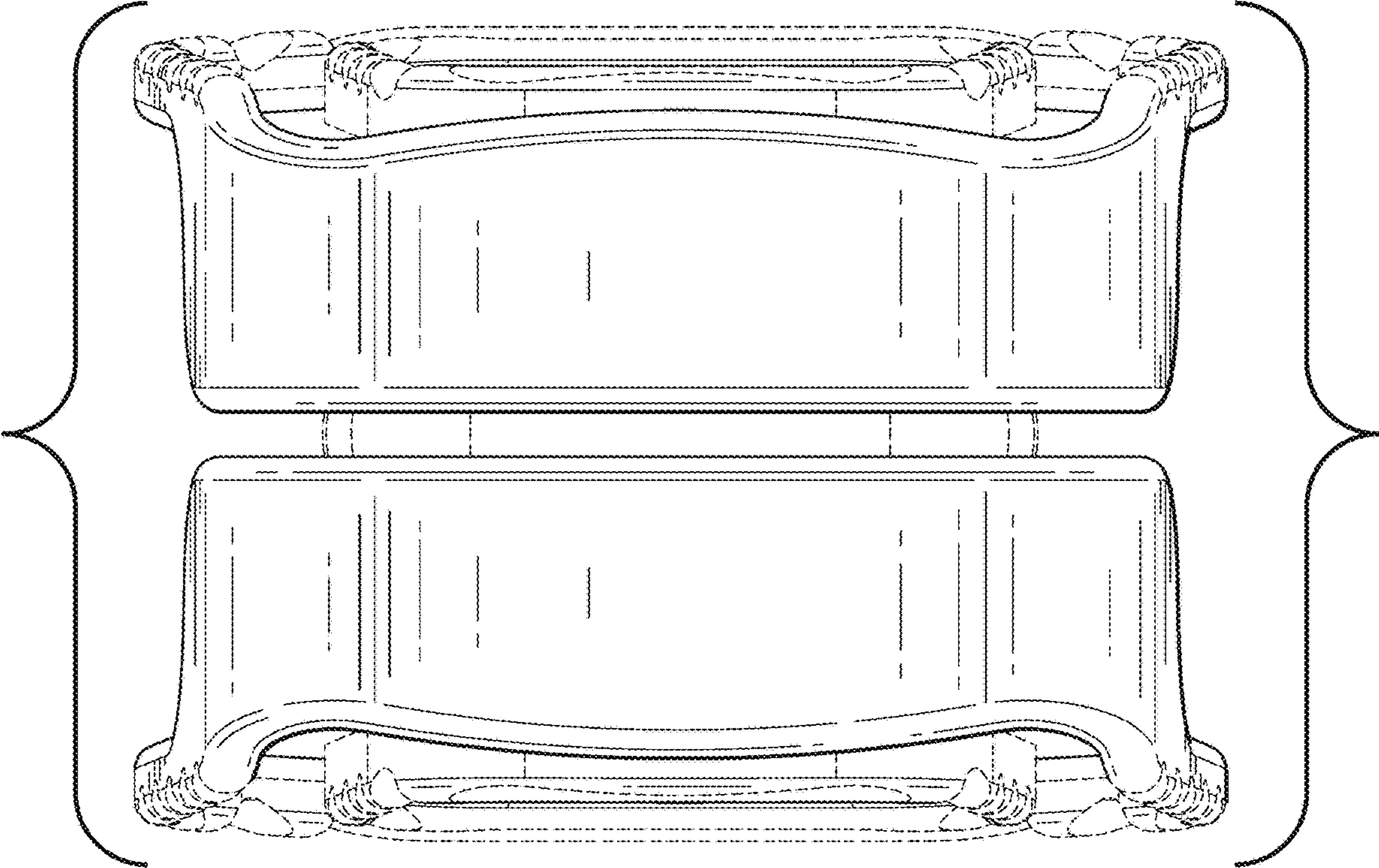


FIG. 2

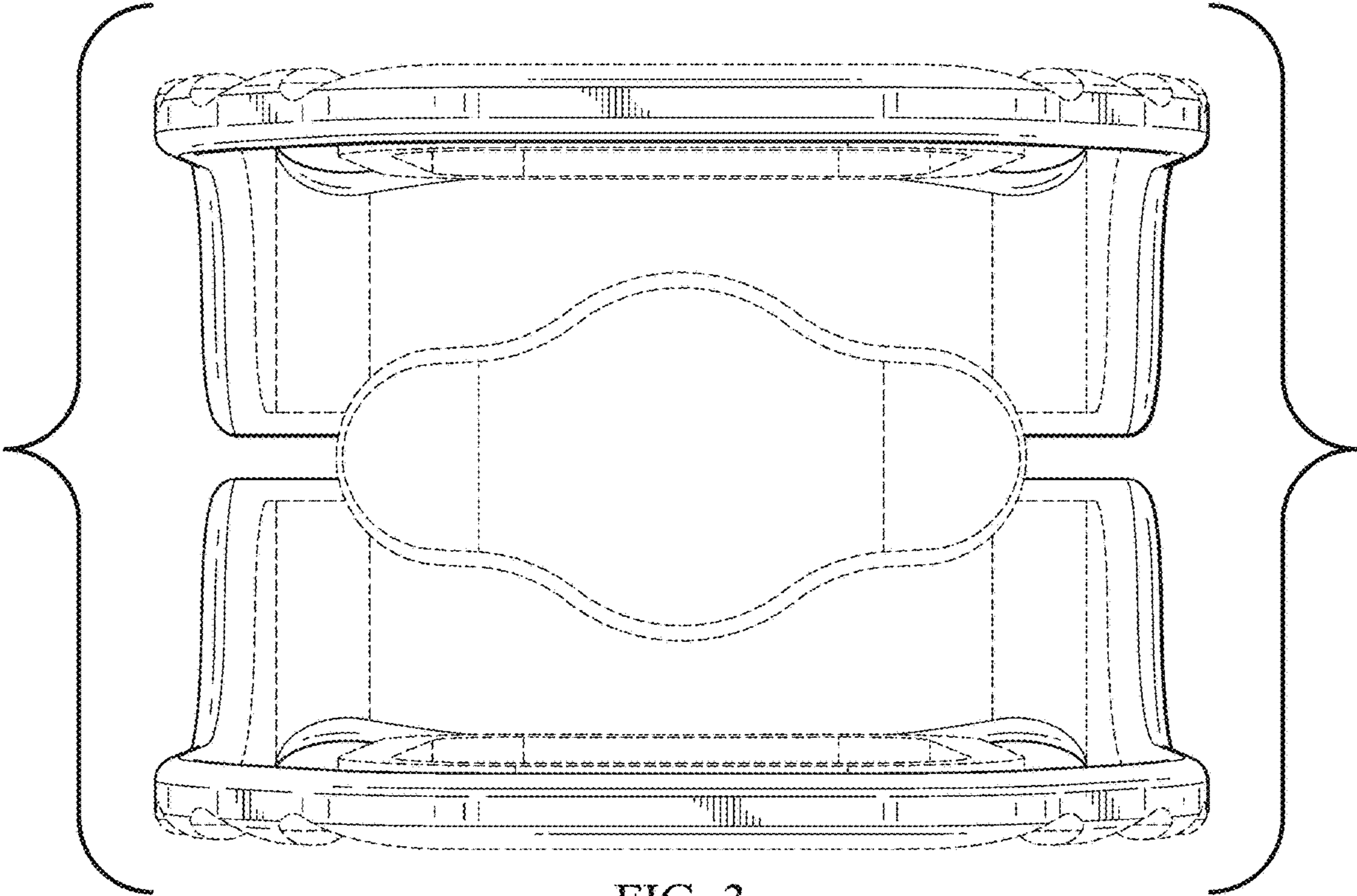


FIG. 3

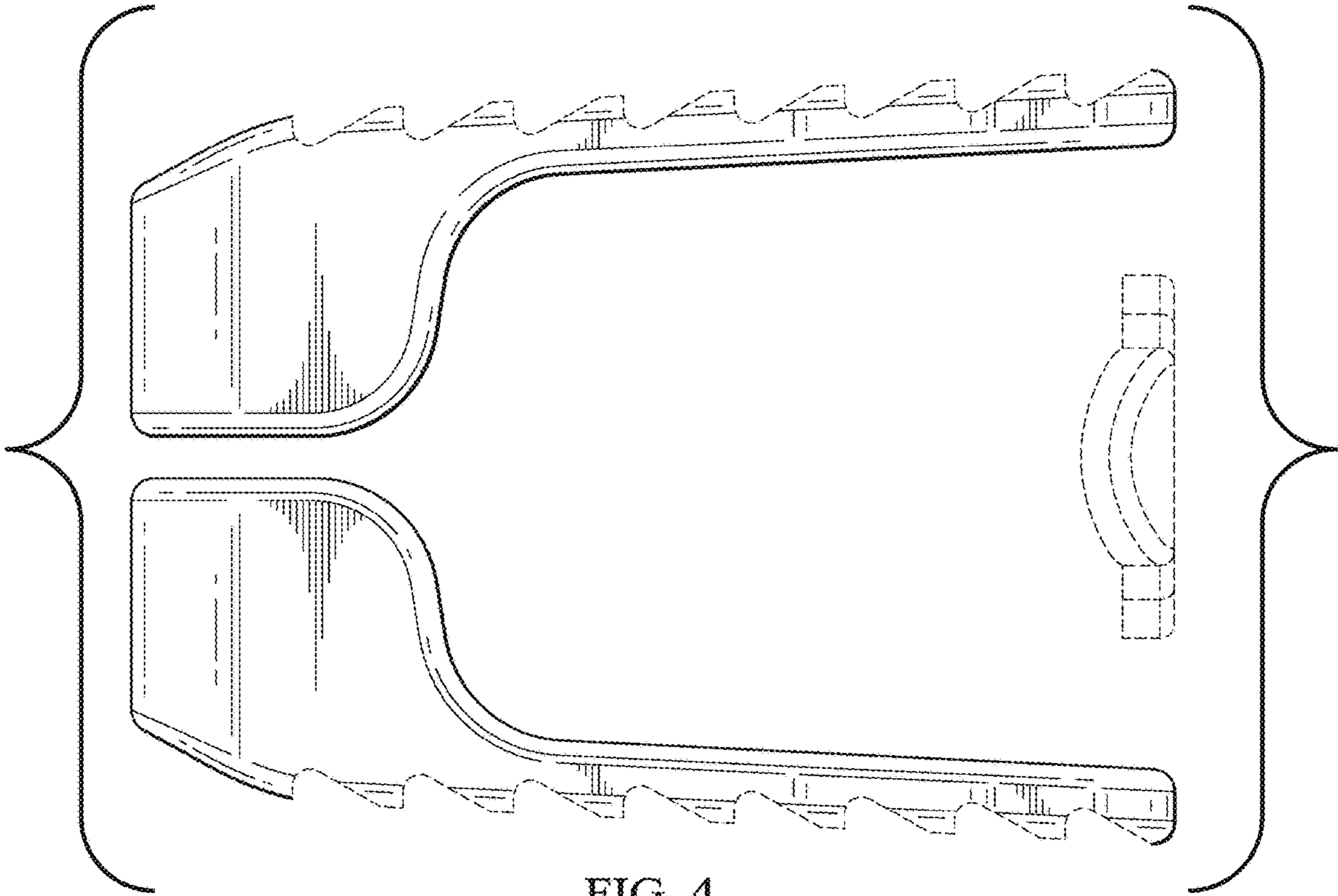


FIG. 4

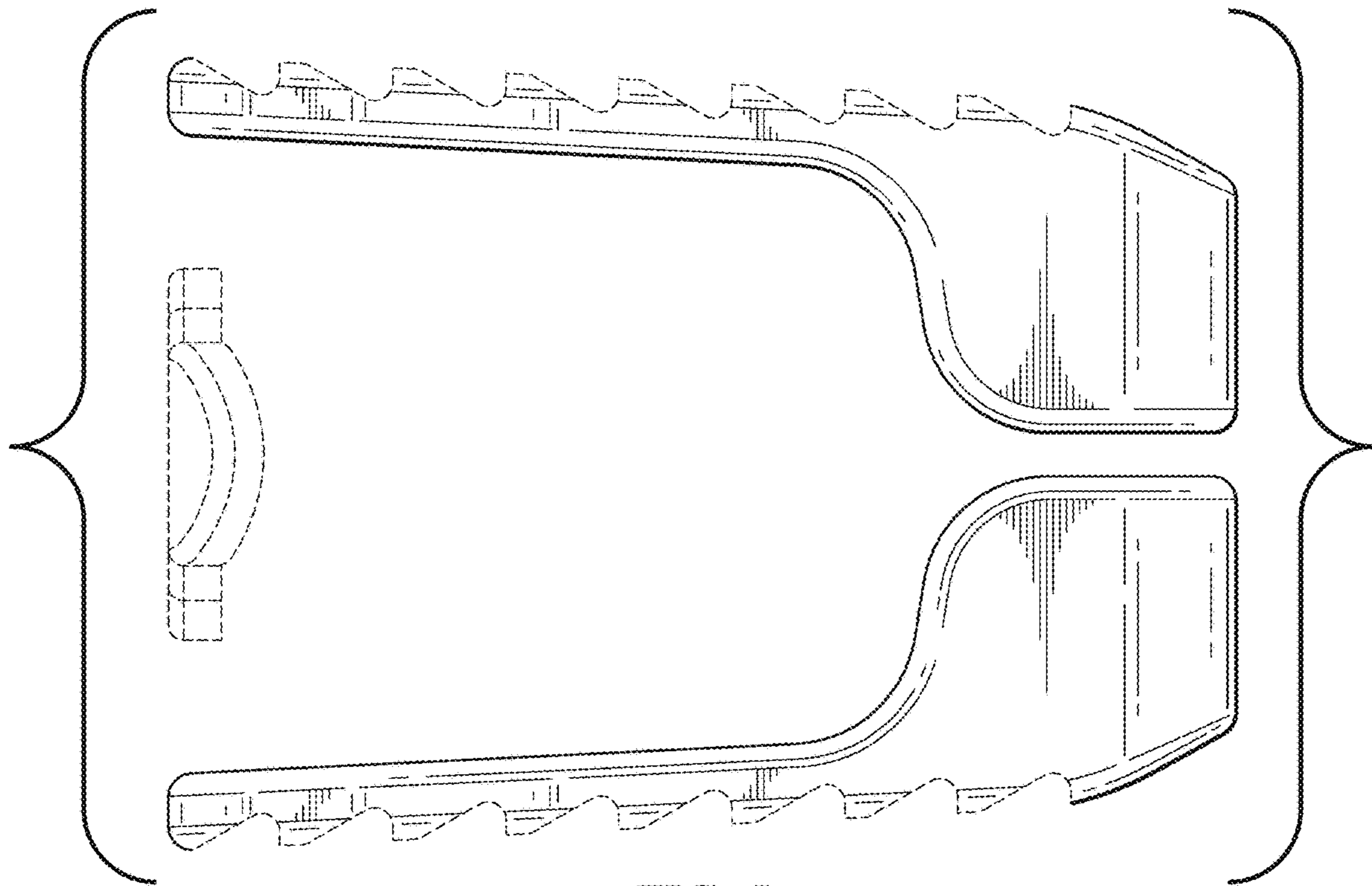


FIG. 5

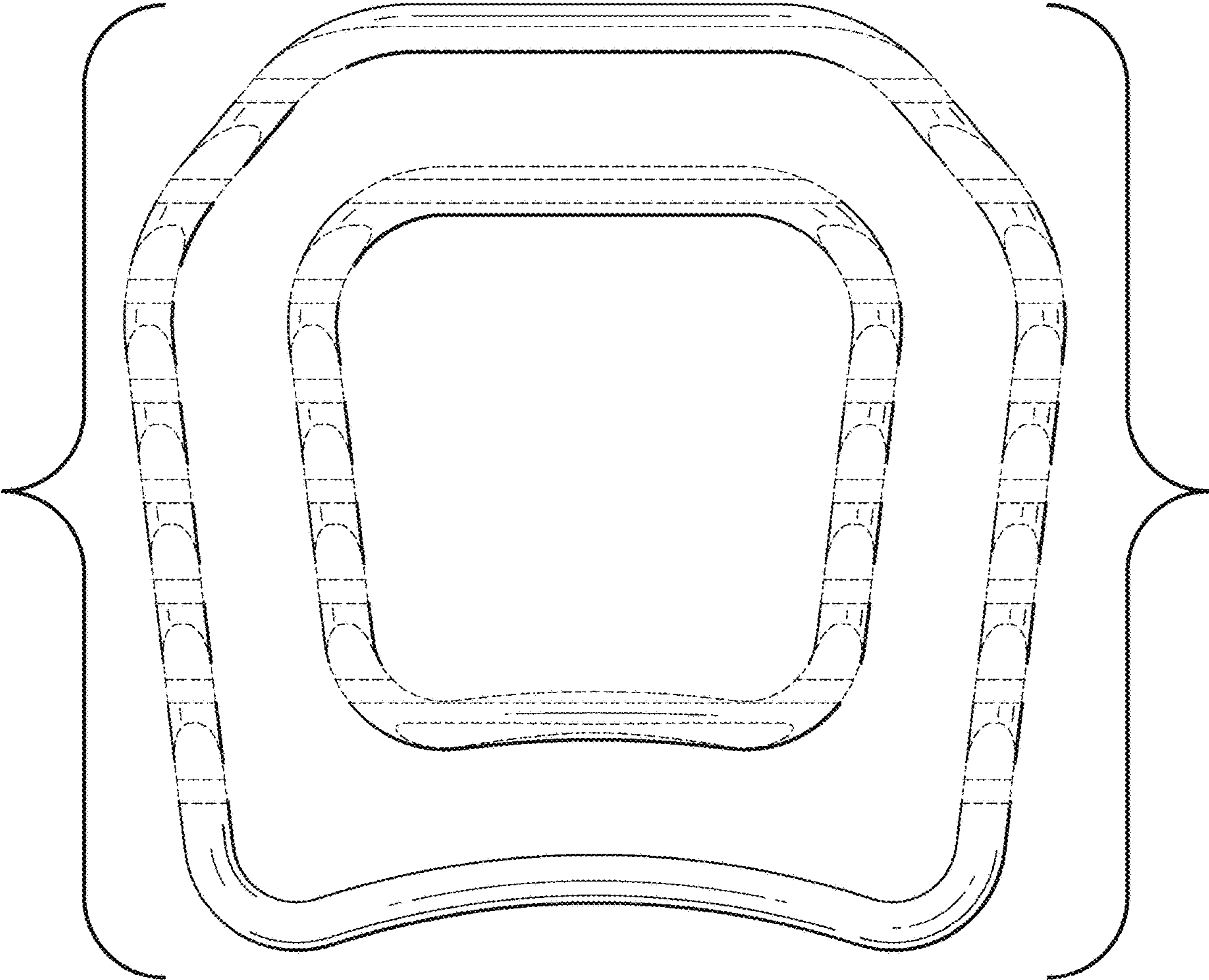


FIG. 6

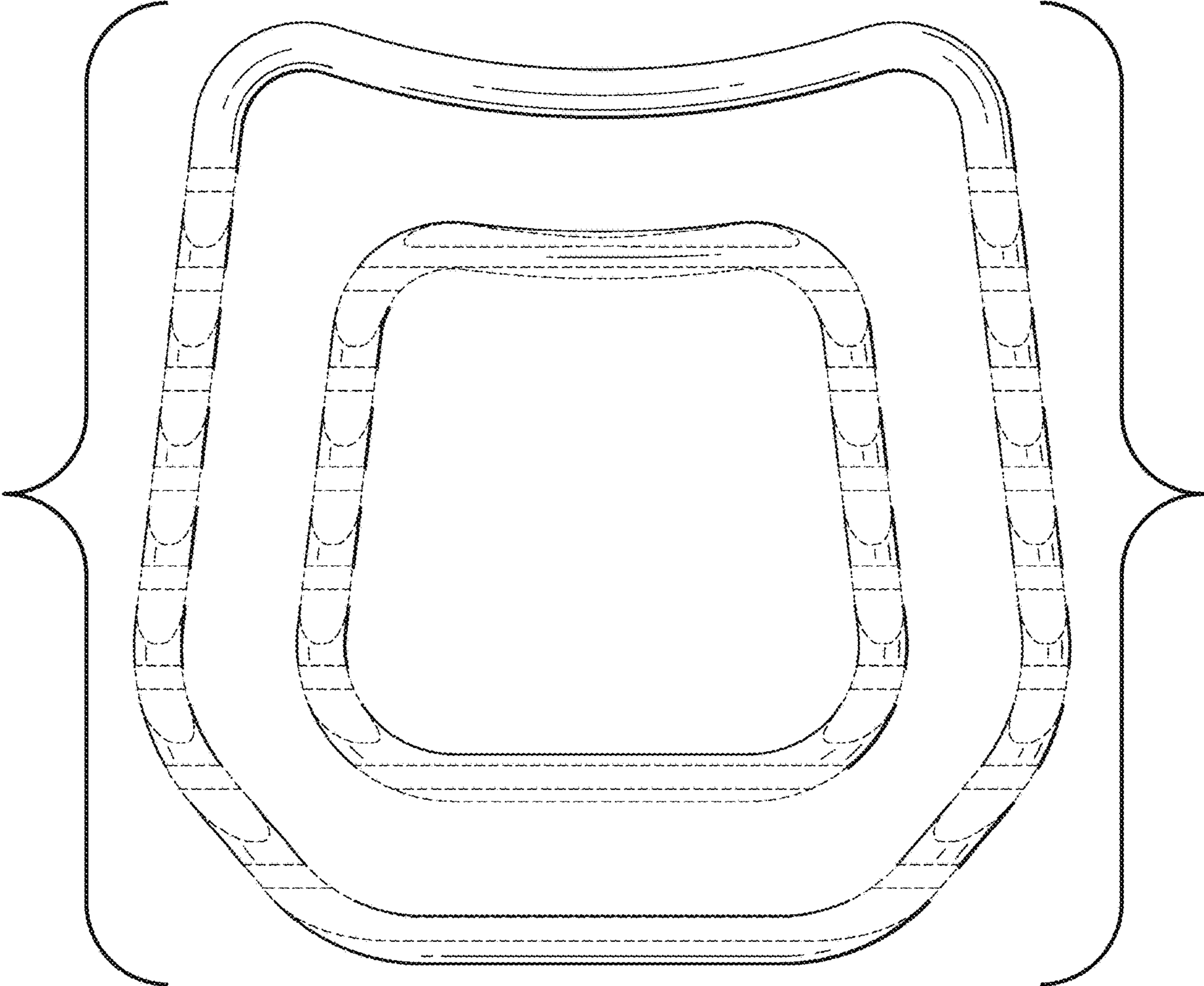


FIG. 7