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

(10) **Patent No.:** **US D1,006,917 S**

(45) **Date of Patent:** **** Dec. 5, 2023**

- (54) **ROLLER WHEEL**
- (71) Applicant: **Rongfang Xu**, Guangxi (CN)
- (72) Inventor: **Rongfang Xu**, Guangxi (CN)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/910,516**
- (22) Filed: **Aug. 21, 2023**

D676,202	S	*	2/2013	Hansen	.....	D30/121
D676,214	S		2/2013	McKinnon et al.		
D694,299	S	*	11/2013	Wirth, Jr.	.....	D15/140
D751,265	S		3/2016	Bromm		
D772,517	S		11/2016	Schiltz et al.		
D866,909	S		11/2019	Andersen		
D893,120	S		8/2020	Delancey		
D912,103	S	*	3/2021	Windle	D15/28
D984,626	S	*	4/2023	Picken	D23/367
D990,399	S		6/2023	Zumberger et al.		

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- (51) **LOC (14) Cl.** **21-02**
- (52) **U.S. Cl.**
USPC **D21/662**
- (58) **Field of Classification Search**
USPC D21/662, 679, 680, 684, 686, 692, 694;
D24/200, 211; D12/209
CPC A63B 23/12; A63B 21/00047; A63B
2210/05; A63B 22/20; A63B 21/068;
A63B 21/0004
See application file for complete search history.

* cited by examiner

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(57) **CLAIM**

The ornamental design for a roller wheel, as shown and described.

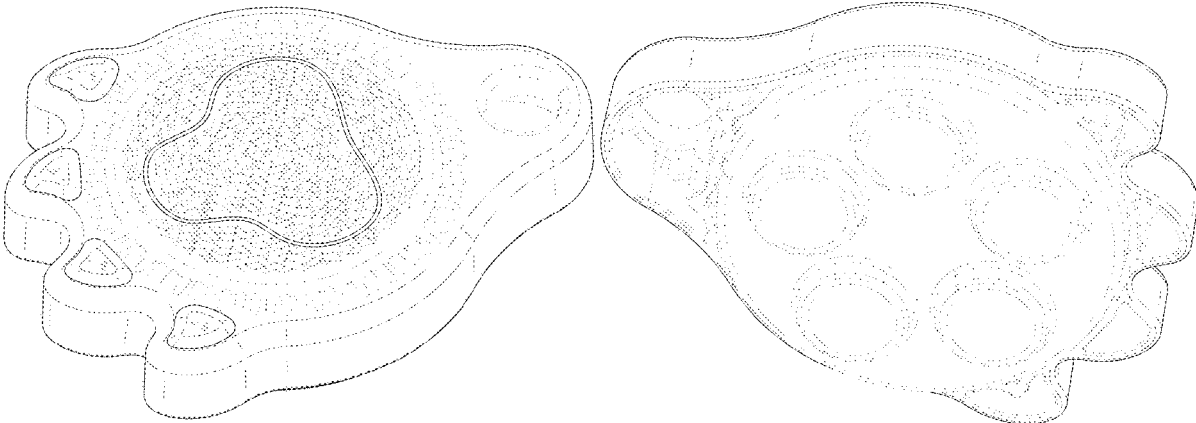
DESCRIPTION

FIG. 1 is a top, front and left side perspective view of a roller wheel, showing my new design;
 FIG. 2 is a bottom, rear and left side perspective view thereof;
 FIG. 3 is a front elevational view thereof, the rear elevational view being a mirror image of FIG. 3;
 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 dashed broken lines in the figures are for the purposes of illustrating portions of the roller wheel, which form no part of the claimed design.

(56) **References Cited**
U.S. PATENT DOCUMENTS

D339,380	S	*	9/1993	Scapillato	.....	D21/808
D347,658	S	*	6/1994	Scapillato	.....	D2/613
D378,869	S	*	4/1997	Mikell	.....	D2/615
D397,740	S	*	9/1998	Georgevich	.....	D28/63
D428,454	S	*	7/2000	Fischer	.....	D6/349
D447,074	S	*	8/2001	Chan	.....	D10/104.1
D457,989	S	*	5/2002	O'Rourke	.....	D30/158
D610,771	S		2/2010	Doan		
D641,534	S		7/2011	Lee		
D644,404	S		8/2011	Lee		
D658,843	S		5/2012	Wedemeyer		
D667,034	S	*	9/2012	Wirth, Jr.	.....	D15/140
8,336,868	B2	*	12/2012	Wirth, Jr.	.....	B23Q 1/032
						269/296

1 Claim, 7 Drawing Sheets



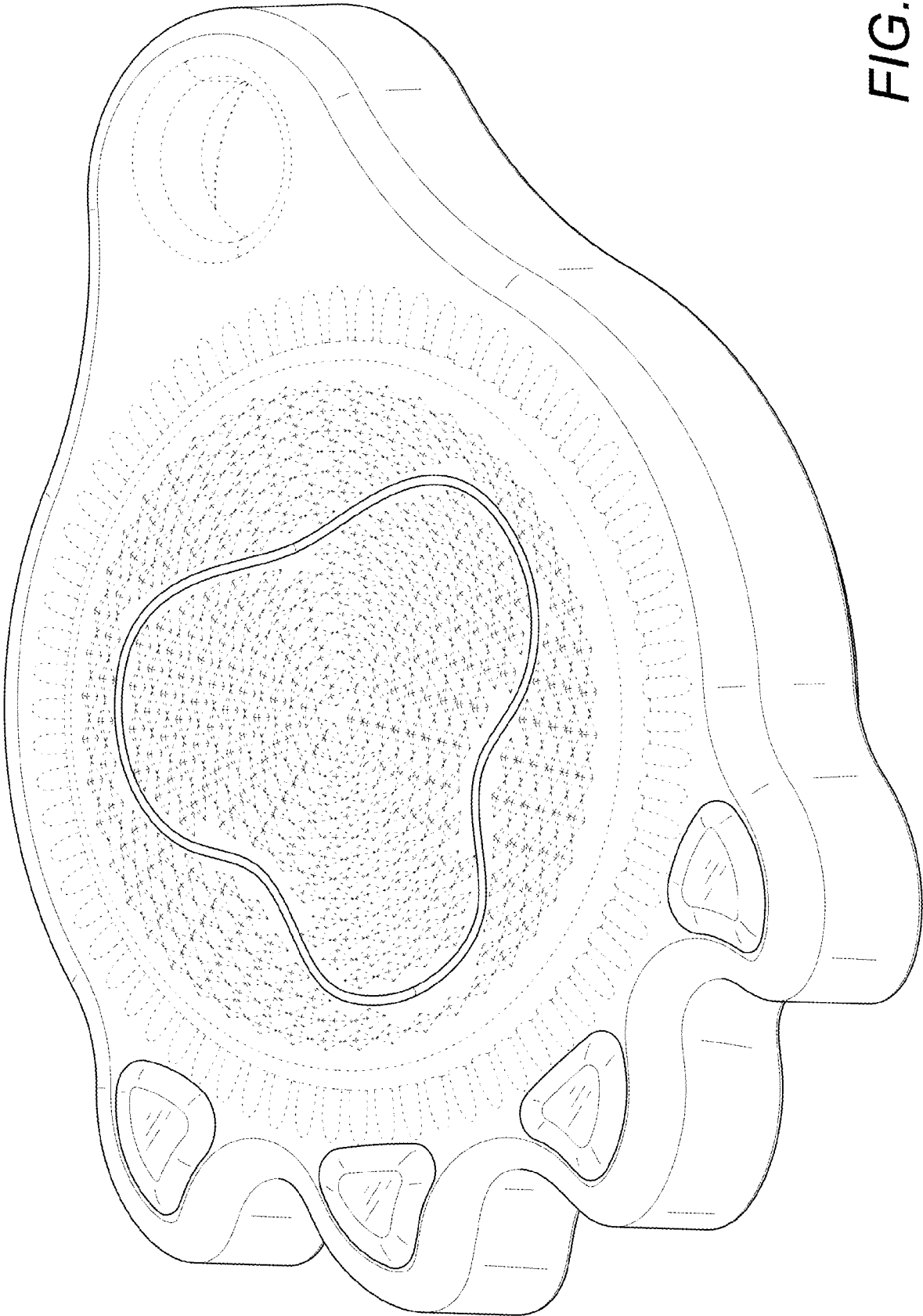


FIG. 1

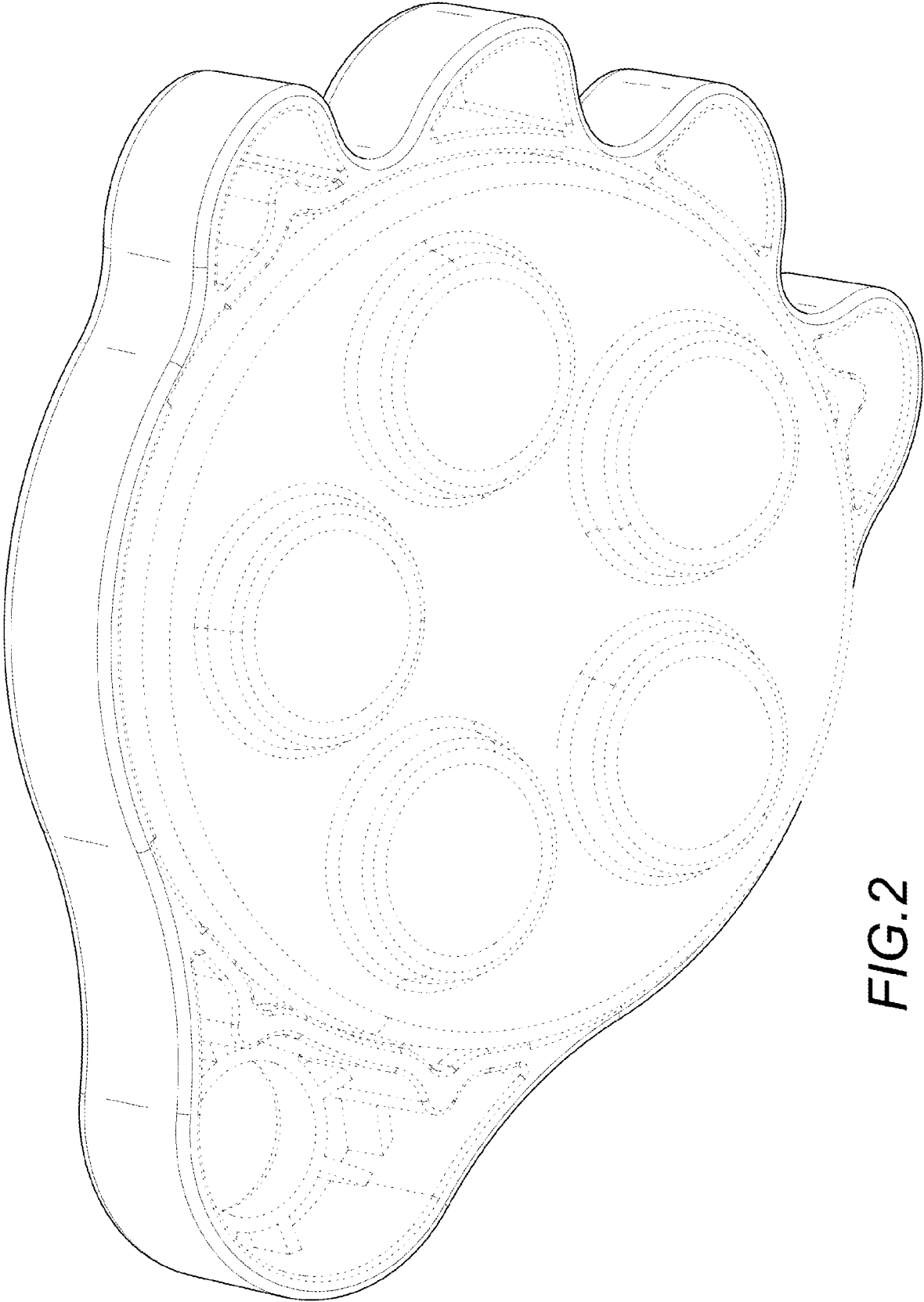


FIG. 2

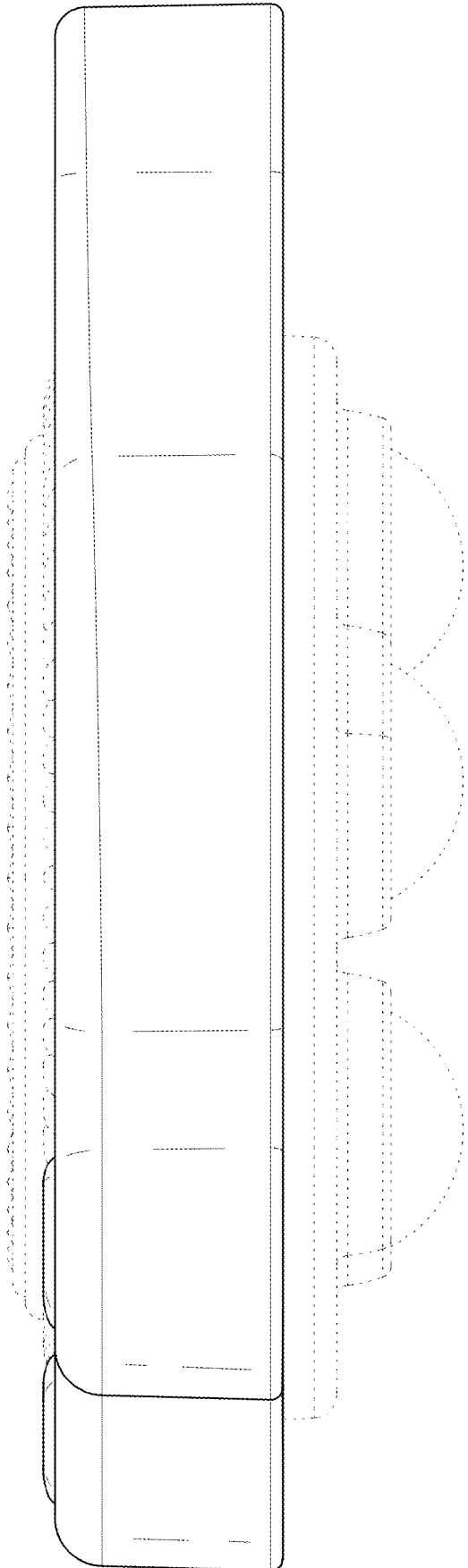


FIG.3

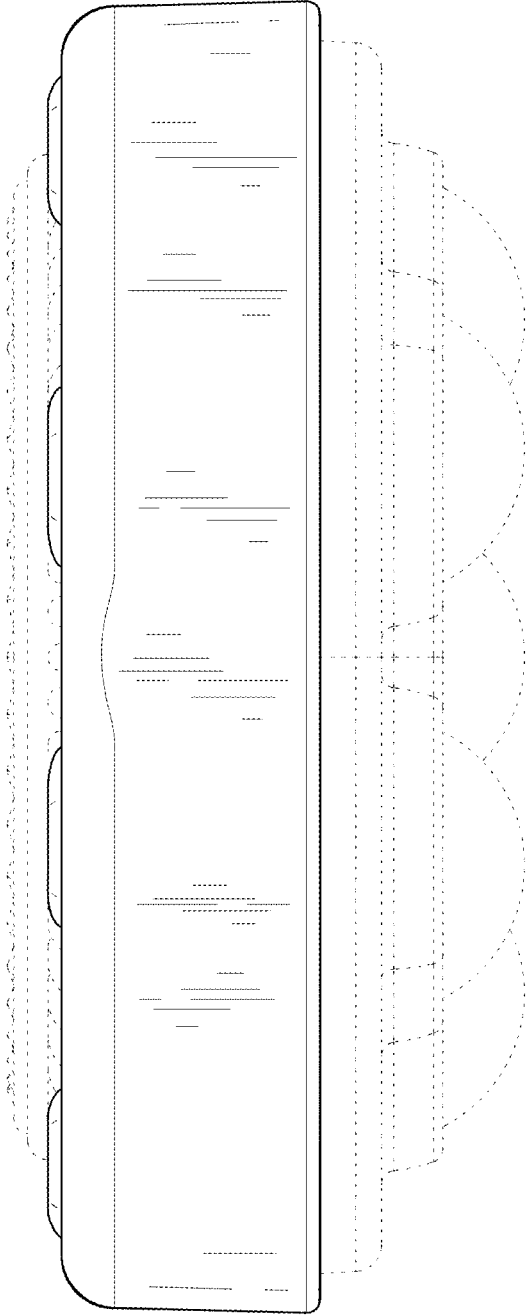


FIG. 4

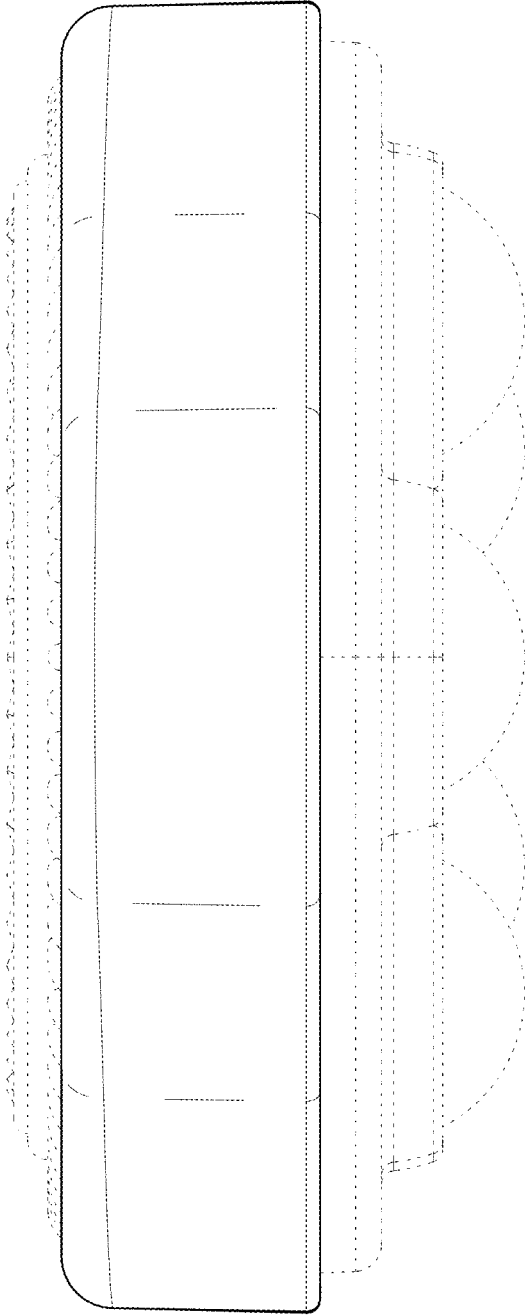


FIG.5

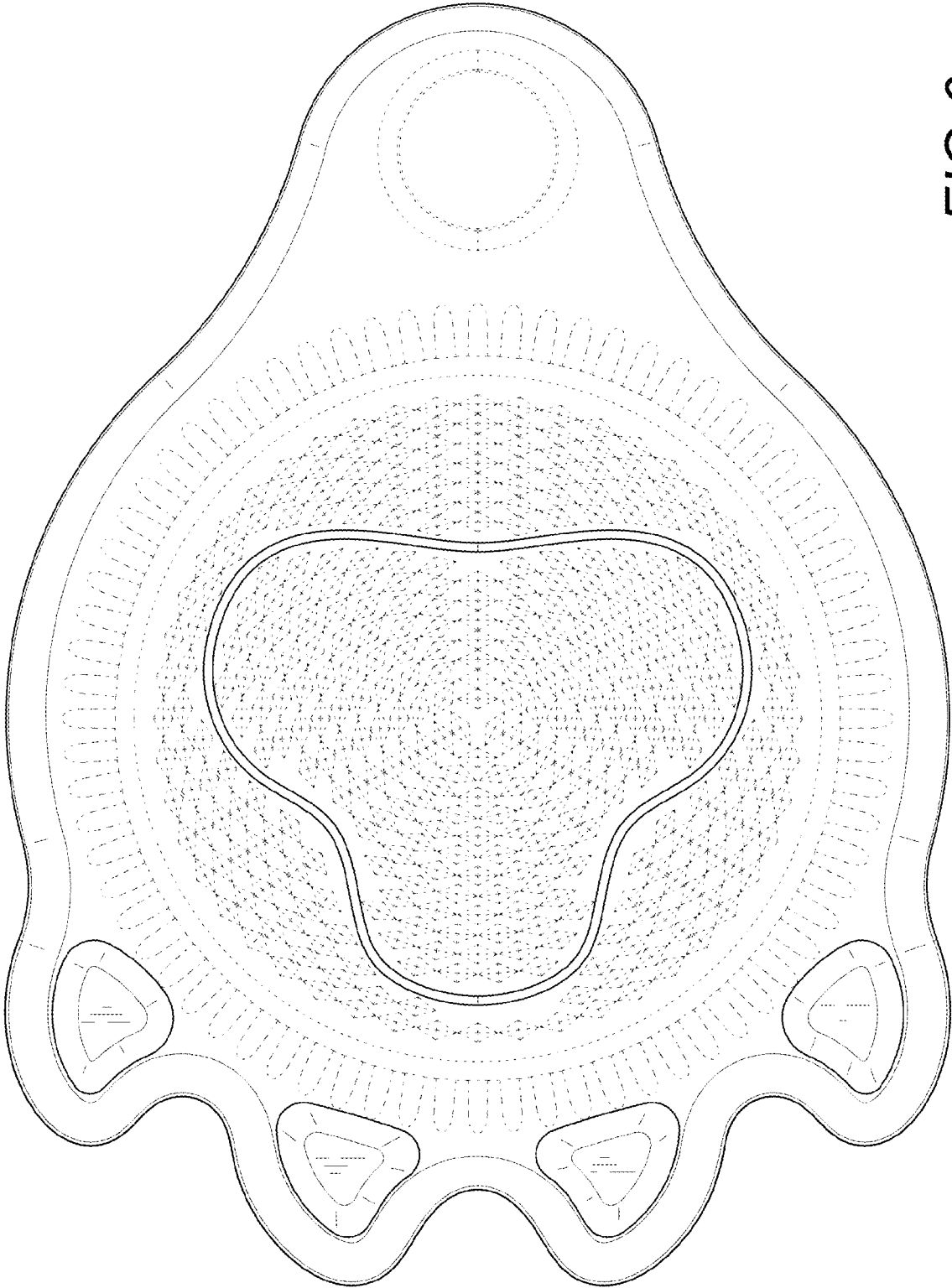


FIG. 6

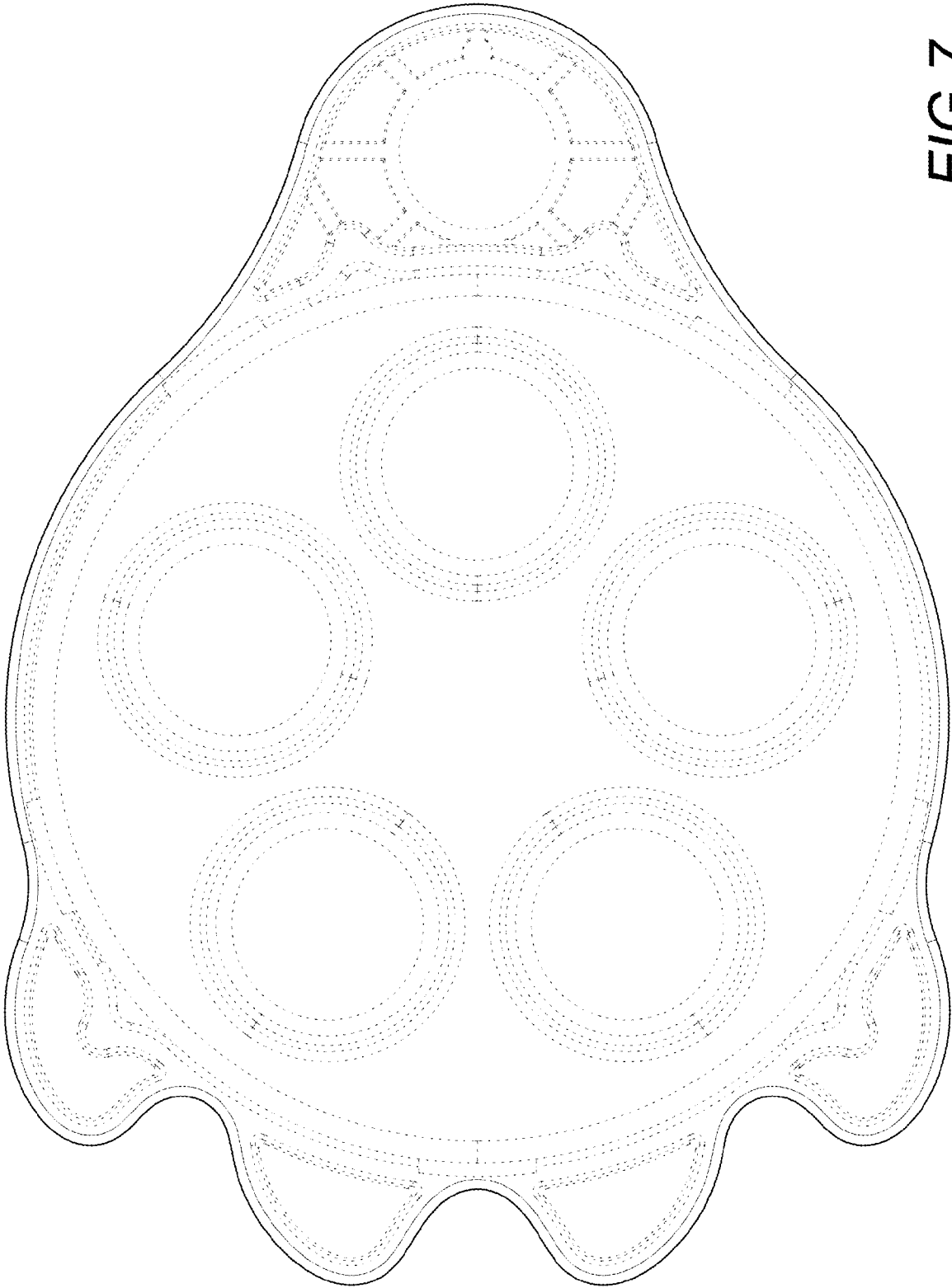


FIG. 7