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

(10) **Patent No.: US D835,222 S**
(45) **Date of Patent: ** Dec. 4, 2018**

(54) **SWIMMING ASSISTANCE APPARATUS**

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(72) Inventor: **Jeong Hun Kim**, Seoul (KR)

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

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(30) **Foreign Application Priority Data**

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May 24, 2017 (KR) 30-2017-0023567

(51) **LOC (11) Cl.** **29-02**

(52) **U.S. Cl.**
USPC **D21/804**

(58) **Field of Classification Search**
USPC D21/803–807; D28/7, 8, 56–61
CPC A47C 7/62; A63B 69/12
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,295,906 A 9/1942 Lacour
3,604,023 A 9/1971 Lynch
4,894,034 A * 1/1990 Brown, III B63B 35/7906 280/18.1
D318,203 S * 7/1991 Zaghini 5/636
D349,541 S * 8/1994 Bertolucci D21/686
5,530,980 A * 7/1996 Sommerhalter, Jr. A47C 20/021 5/624
5,628,714 A * 5/1997 Philipson A63B 21/0552 482/102
5,746,218 A 5/1998 Edge
D394,977 S * 6/1998 Frydman D6/596
6,154,905 A 12/2000 Frydman
6,179,756 B1 * 1/2001 Bertolucci A63B 21/0023 482/131

(Continued)

OTHER PUBLICATIONS

TYR Hydrofoil Angle Float, TYR. Accessed online at <<https://www.tyr.com/shop/tyr-hydrofoil-ankle-float.html>> and screen shots made on Jun. 8, 2017.

(Continued)

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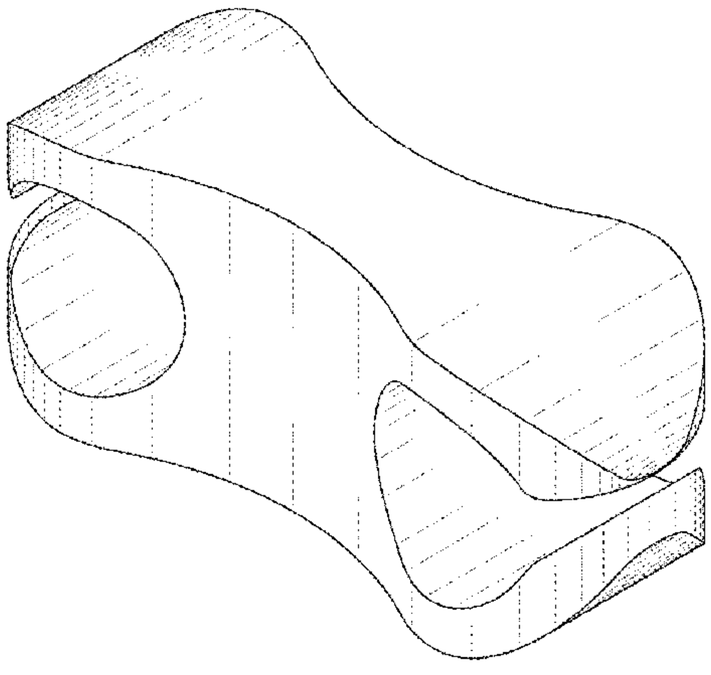
(57) **CLAIM**

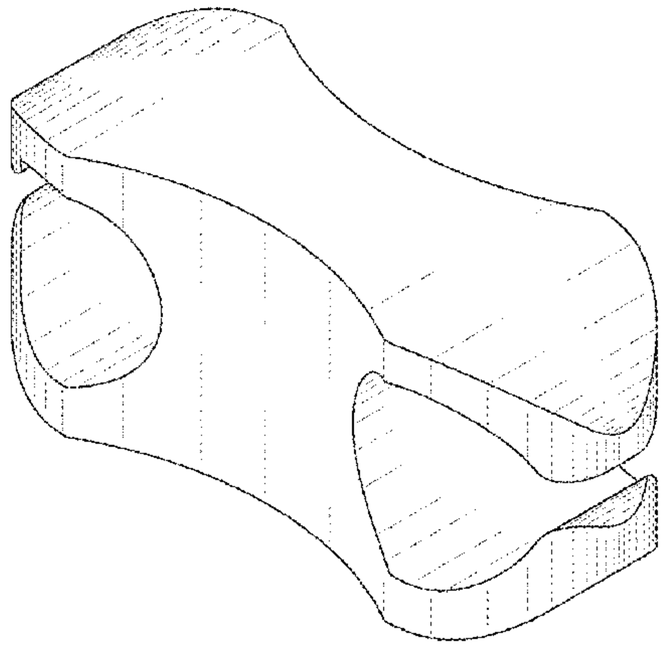
I claim the ornamental design for a swimming assistance apparatus, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of a swimming assistance apparatus according to a first embodiment of the 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;
FIG. **7** is a bottom plan view thereof;
FIG. **8** is a perspective view of a swimming assistance apparatus according to a second embodiment of the new design;
FIG. **9** is a front elevational view thereof;
FIG. **10** is a rear elevational view thereof;
FIG. **11** is a left side elevational view thereof;
FIG. **12** is a right side elevational view thereof;
FIG. **13** is a top plan view thereof; and,
FIG. **14** is a bottom plan view thereof.

1 Claim, 14 Drawing Sheets





(56) **References Cited**

U.S. PATENT DOCUMENTS

6,578,218	B2 *	6/2003	Wassilefsky	A47C 20/021 5/630
7,169,000	B1	1/2007	Hernandez et al.	
D561,863	S *	2/2008	Moyal	D21/804
D579,706	S	11/2008	Cox et al.	
D639,101	S *	6/2011	Kalatsky	D6/601
D690,535	S	10/2013	Huang	
D706,372	S	6/2014	Day	
D732,131	S	6/2015	DiLorenzo et al.	
D739,909	S	9/2015	Mix et al.	
9,220,345	B2 *	12/2015	Davis	A47C 7/62
9,259,632	B2	2/2016	DiLorenzo et al.	
D763,389	S	8/2016	Kim	
9,522,303	B2	12/2016	Kim	
2015/0258386	A1 *	9/2015	Kim	A63B 31/12 441/60
2015/0283447	A1 *	10/2015	DiLorenzo	A63B 69/12 482/55

OTHER PUBLICATIONS

Axis Dual-Function Pull Buoy, FINIS, Inc. Accessed online at <<http://www.finisinc.com/Axis-Buoy>> and screen shots made on Jun. 8, 2017.

Twin Turbo Swimming (Catalog). Date of Publication unknown.

* cited by examiner

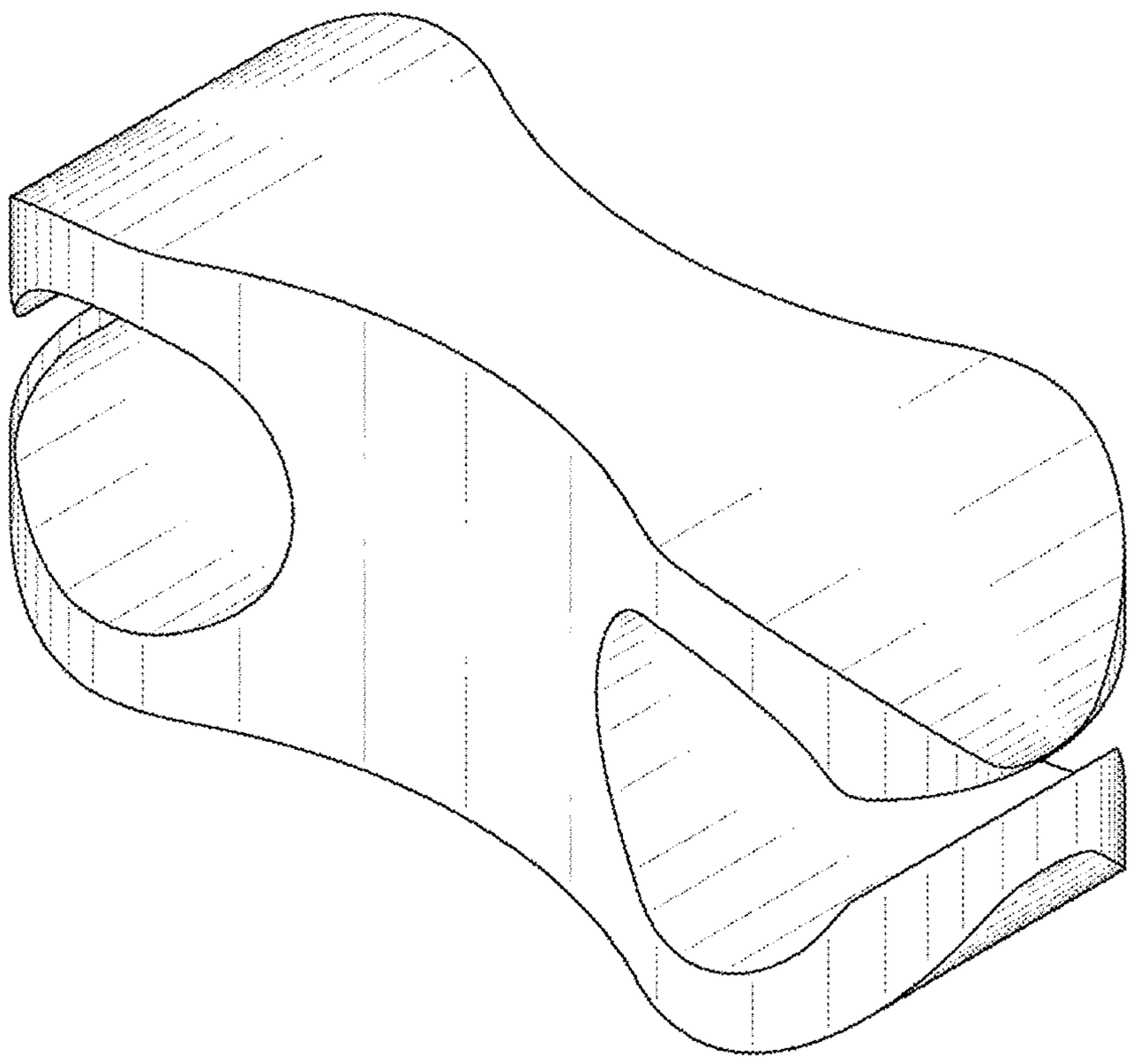


FIG. 1

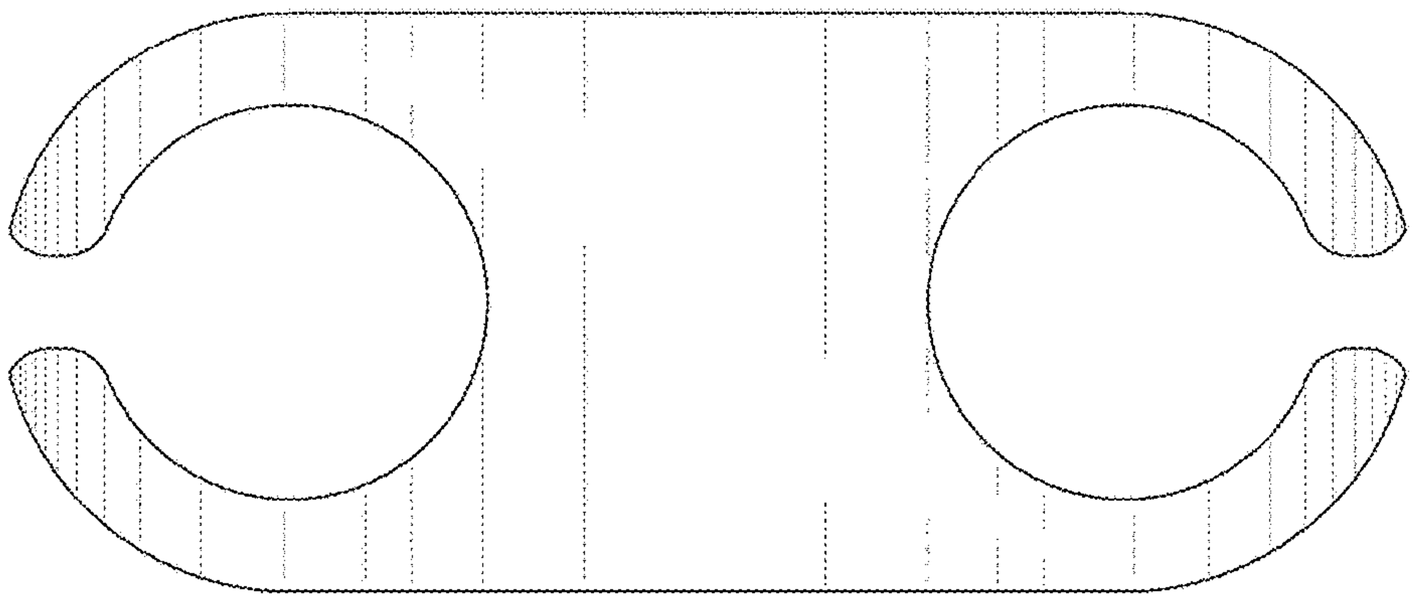


FIG. 2

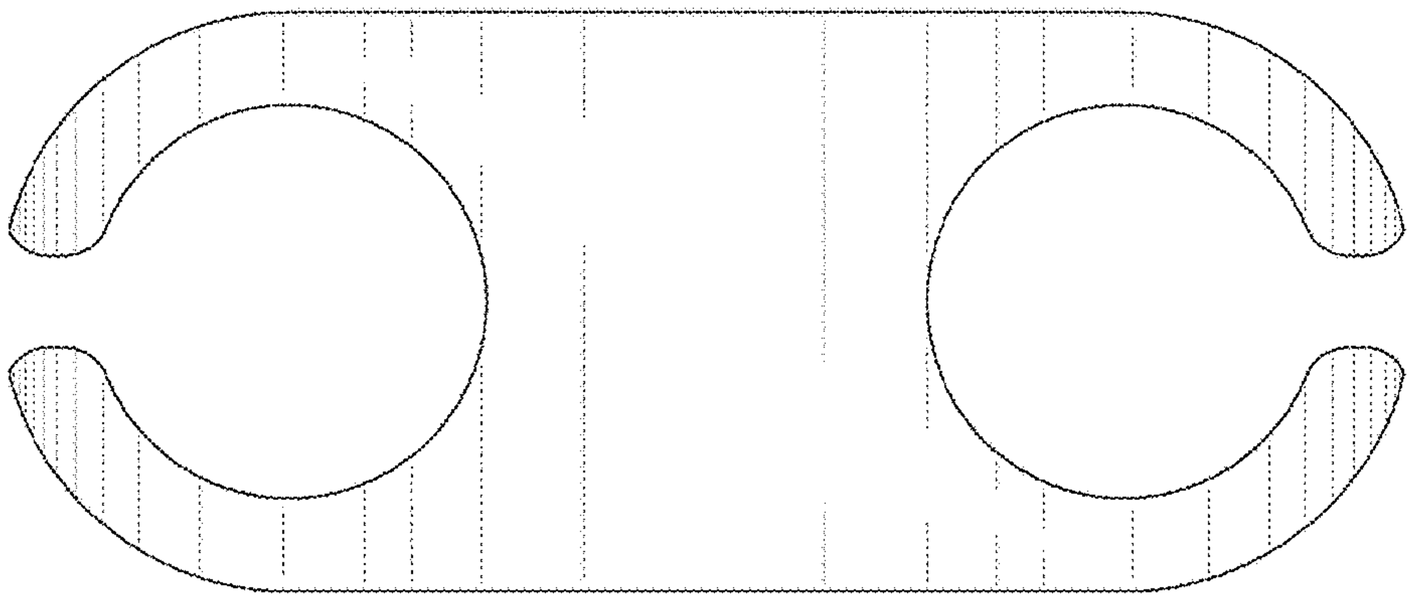


FIG. 3

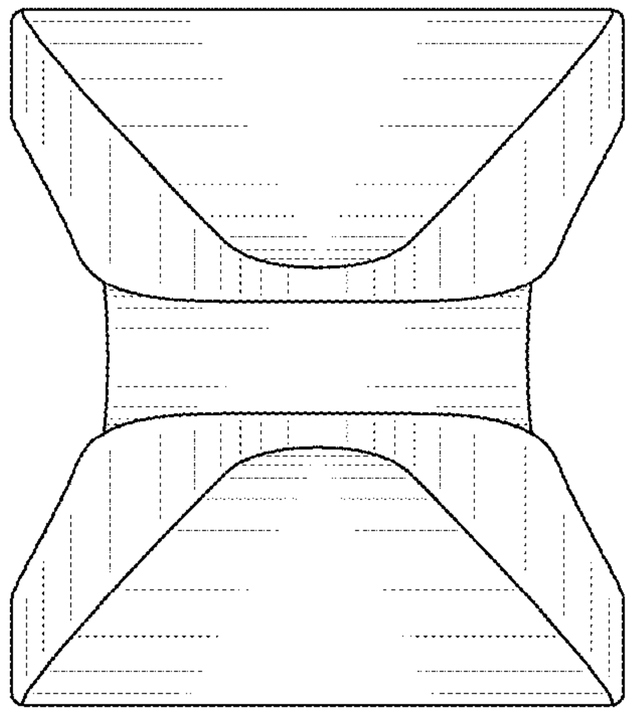


FIG. 4

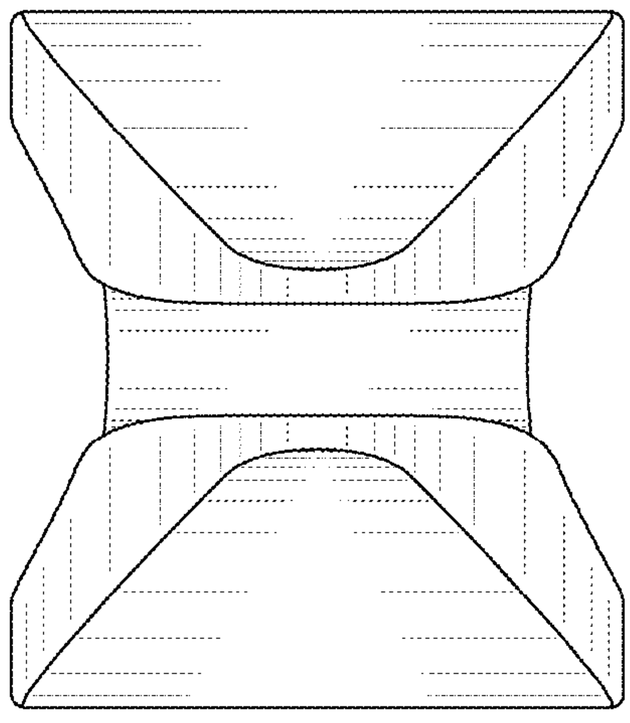


FIG. 5

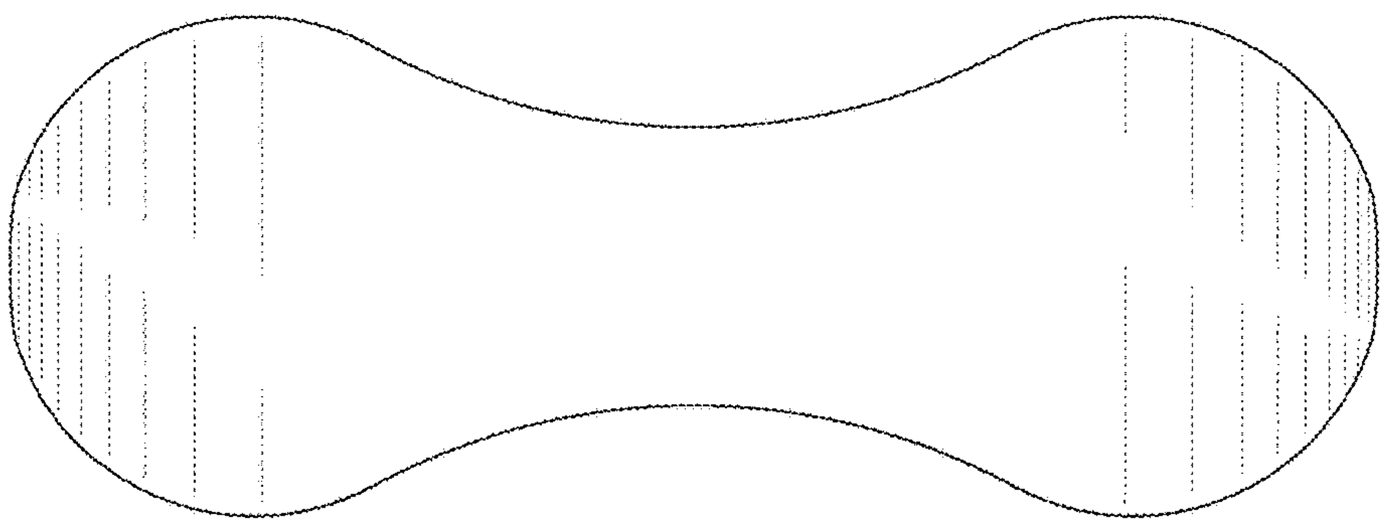


FIG. 6

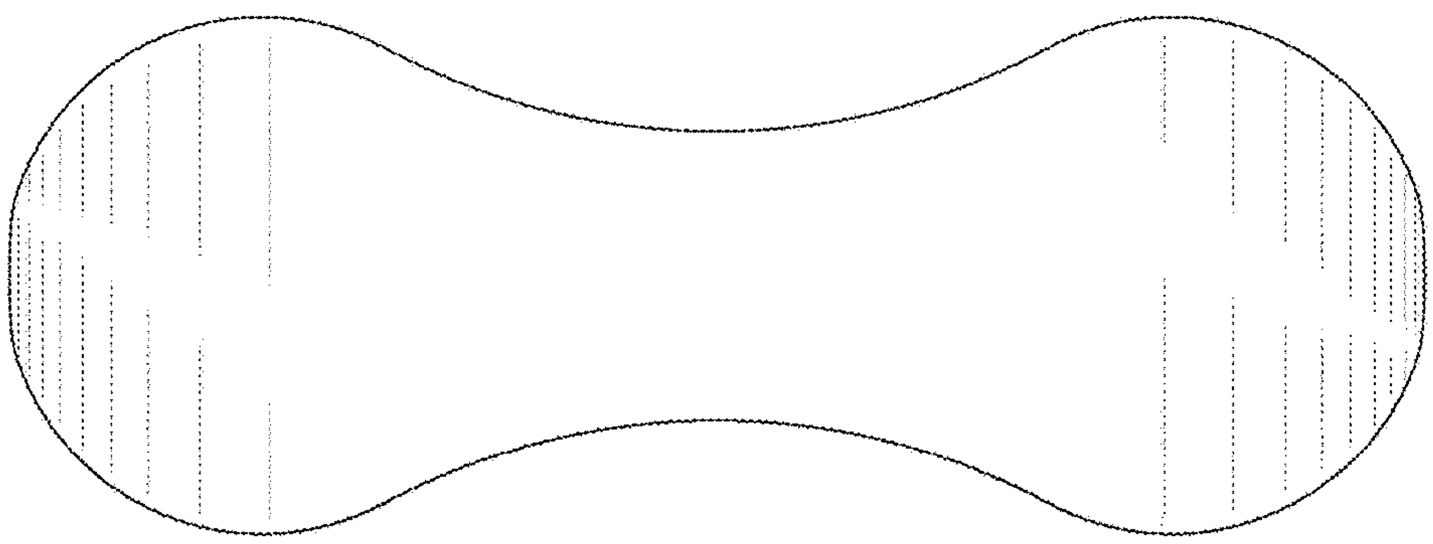


FIG. 7

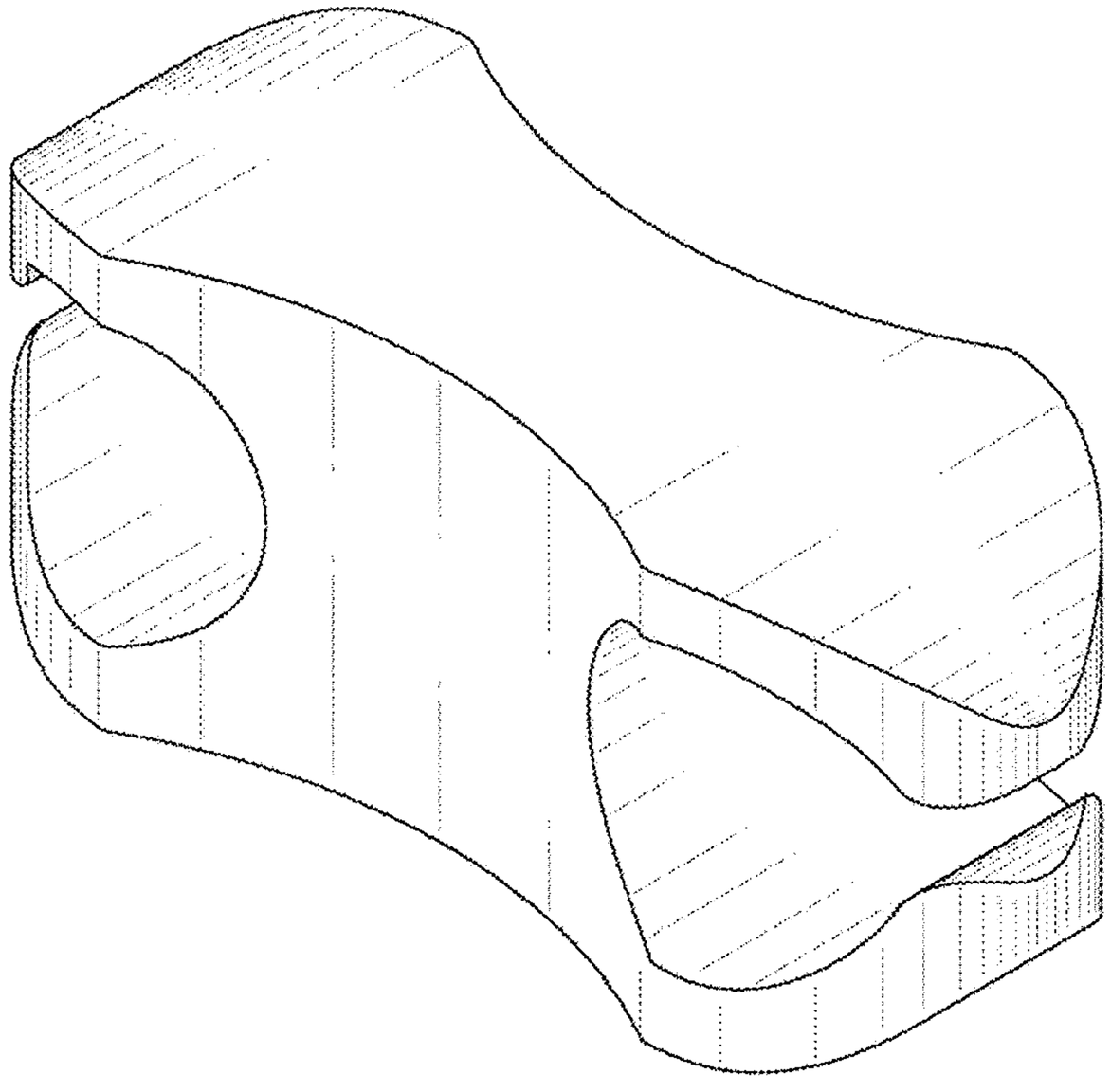


FIG. 8

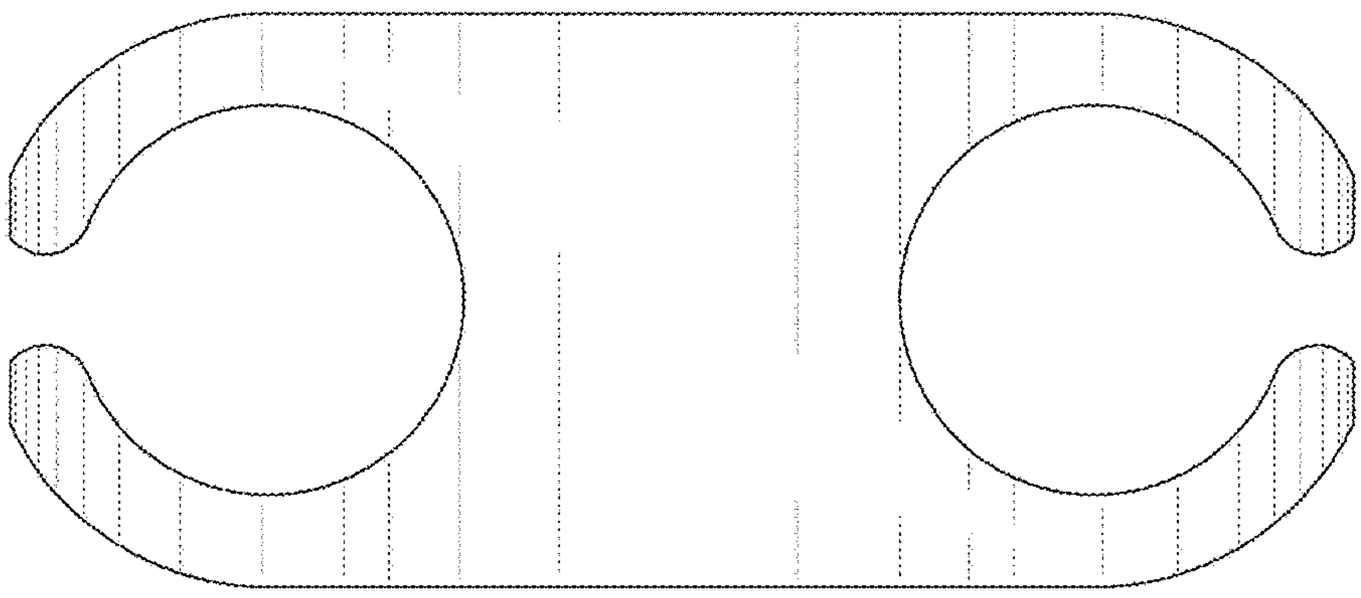


FIG. 9

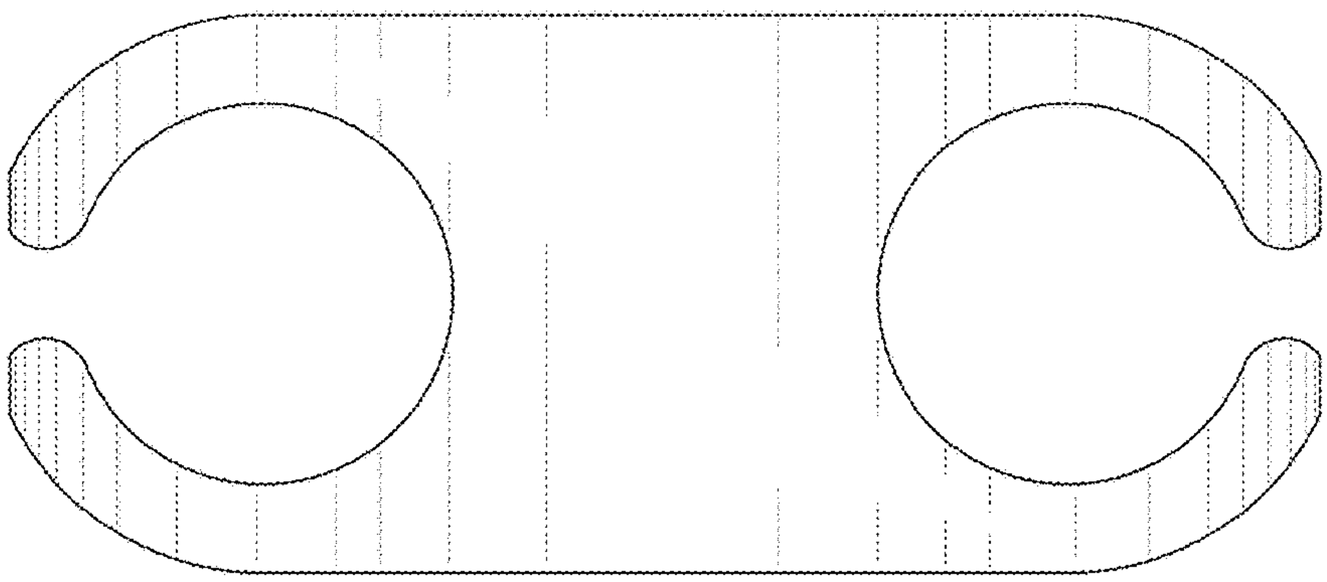


FIG. 10

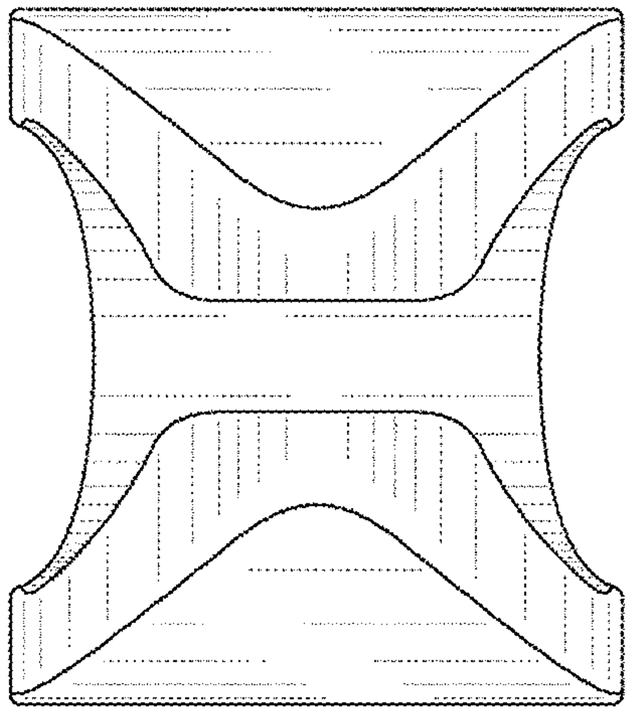


FIG. 11

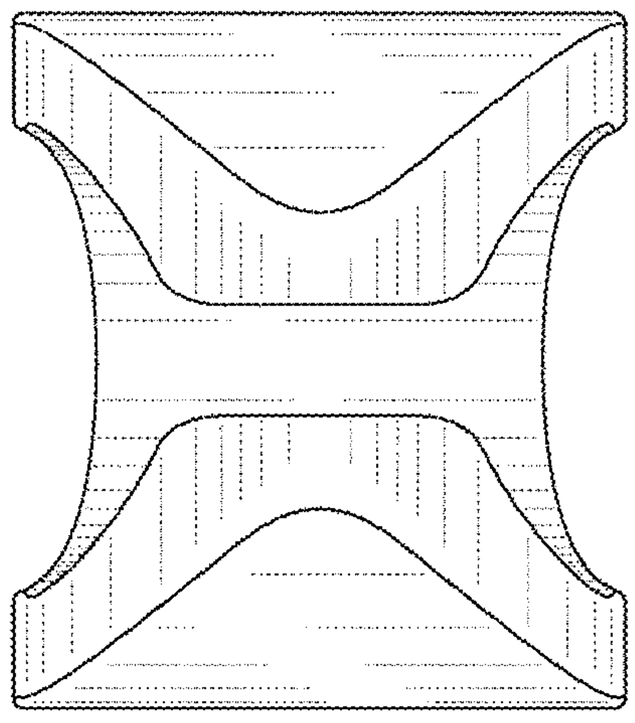


FIG. 12

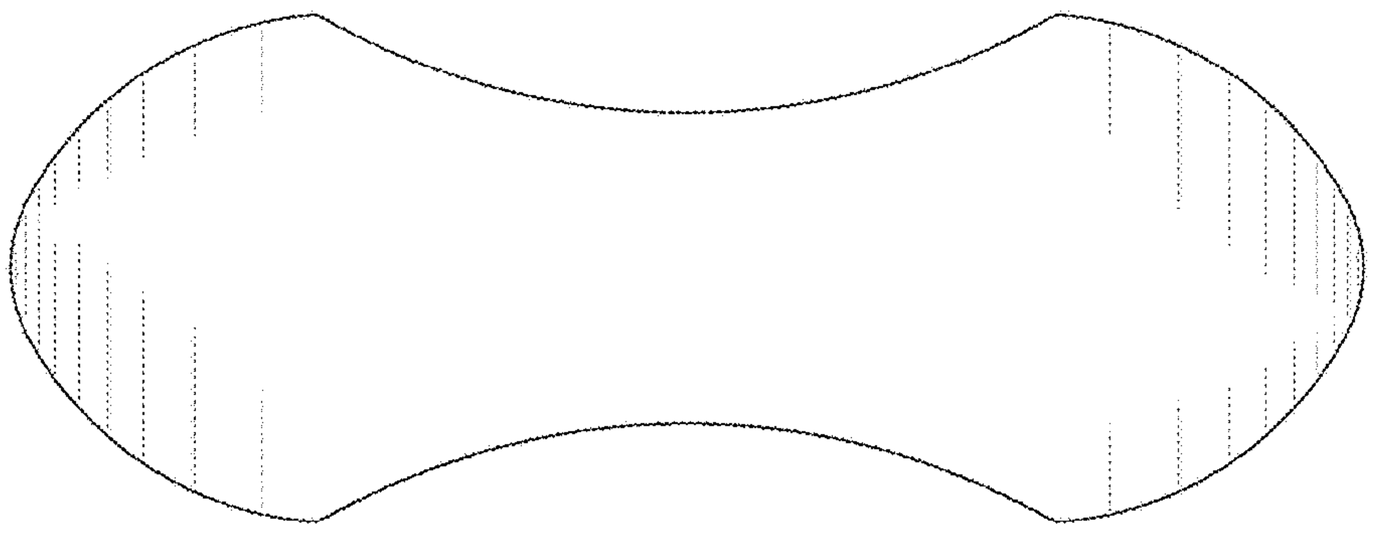


FIG. 13

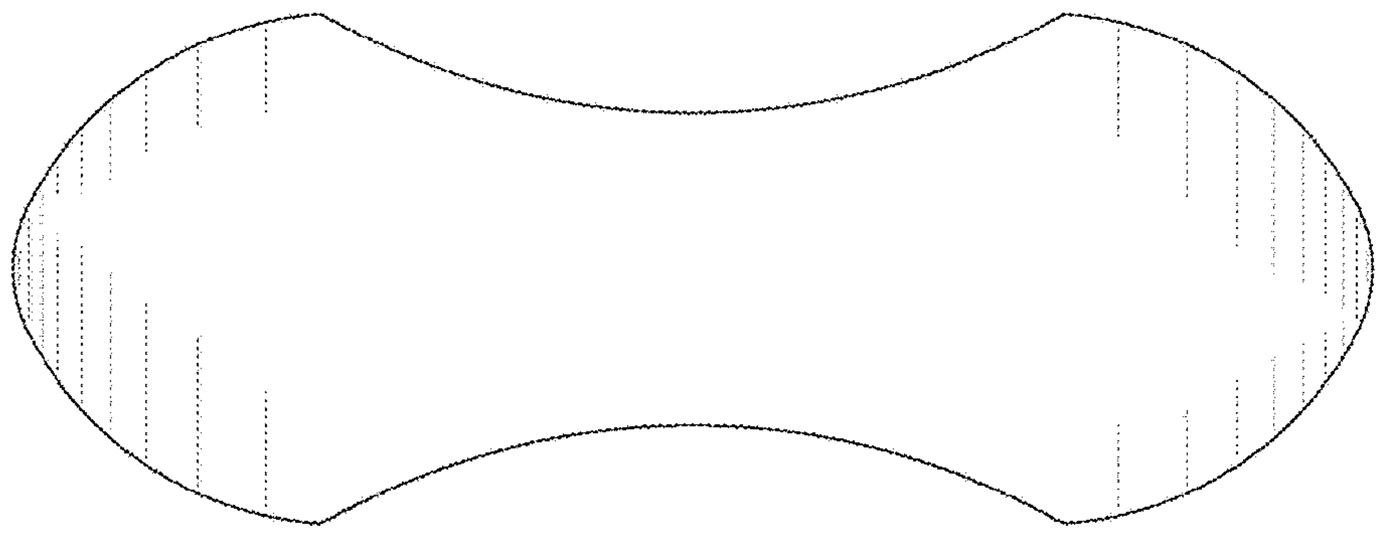


FIG. 14