



US00D795936S

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

(10) **Patent No.:** **US D795,936 S**

(45) **Date of Patent:** **** *Aug. 29, 2017**

(54) **ROBOT**

7,934,575 B2 * 5/2011 Waibel B08B 1/008
180/167

(71) Applicant: **Kenneth C. Miller**, Aptos, CA (US)

7,974,738 B2 7/2011 Bruemmer et al.

8,073,564 B2 12/2011 Bruemmer et al.

(72) Inventor: **Kenneth C. Miller**, Aptos, CA (US)

8,246,050 B2 8/2012 Do et al.

8,292,733 B2 10/2012 Crawford et al.

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

(Continued)

FOREIGN PATENT DOCUMENTS

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

JP 2009039181 A 2/2009

KR 102002033303 A 5/2002

(21) Appl. No.: **29/537,225**

(Continued)

(22) Filed: **Aug. 24, 2015**

OTHER PUBLICATIONS

(51) **LOC (10) Cl.** **15-99**

Angel Osorno and Brandan Sackett "Hustler's, Inc., Electronic Pool Scoring System" Final Design Report., pp. 1-9.

(52) **U.S. Cl.**

(Continued)

(52) **USPC** **D15/199**

(58) **Field of Classification Search**

USPC D15/5, 148, 149, 199; D12/122-127,
D12/180

See application file for complete search history.

Primary Examiner — Patricia Palasik

(74) *Attorney, Agent, or Firm* — Avery N. Goldstein;

Blue Filament Law LLC

(56) **References Cited**

(57) **CLAIM**

U.S. PATENT DOCUMENTS

The ornamental design for a robot, as shown and described.

D218,291 S *	8/1970	Sides	.....	D12/325
D219,648 S *	1/1971	Weaver	.....	D12/325
D221,842 S *	9/1971	Sebastian	.....	D12/325
3,774,865 A *	11/1973	Pinto	.....	B64C 39/001
				244/205
D252,527 S *	7/1979	Huffhines	.....	D25/11
D264,995 S *	6/1982	Gearhart	.....	D25/11
4,729,563 A *	3/1988	Yokoi	.....	A63F 13/04
				446/175
5,879,235 A *	3/1999	Kaneko	.....	A63F 5/0005
				273/142 R
D439,282 S *	3/2001	Yamaguchi	.....	D21/329
D523,093 S *	6/2006	Kaminkow	.....	D21/324
D592,708 S *	5/2009	Hsu	.....	D21/369
7,789,175 B2	9/2010	Tobey		
7,831,337 B2	11/2010	Greenspan		
7,893,646 B2	2/2011	Yourlo et al.		

DESCRIPTION

FIG. 1 is a front view of a robot;

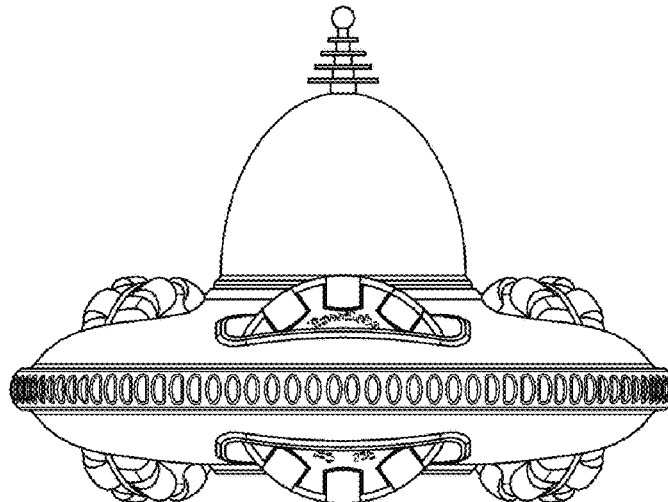
FIG. 2 is a rear view of the robot depicted in FIG. 1;

FIG. 3 is a left side view of the robot depicted in FIG. 2, where the corresponding right side view is a mirror image of that depicted in FIG. 3;

FIG. 4 is a top view of the robot depicted in FIG. 1; and, FIG. 5 is a bottom view of the robot depicted in FIG. 1, where dashed line portions are not considered part of the inventive design.

The broken lines in the drawings depict unclaimed environmental subject matter.

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

8,632,376	B2 *	1/2014	Dooley	.....	A63F 9/143 273/246
9,039,547	B2 *	5/2015	Yeager	.....	A63B 47/002 473/422
2003/0208304	A1	11/2003	Peless et al.		
2003/0232649	A1	12/2003	Gizis et al.		
2006/0223637	A1	10/2006	Rosenberg		
2009/0081923	A1	3/2009	Dooley et al.		
2009/0248200	A1	10/2009	Root		
2010/0013153	A1	1/2010	Yourlo et al.		
2010/0042258	A1	2/2010	Perlin et al.		
2010/0283883	A1	11/2010	Sato et al.		
2011/0054689	A1	3/2011	Nielsen et al.		
2012/0208150	A1	8/2012	Spychaiski		
2012/0238366	A1	9/2012	Tedder		
2014/0009561	A1	1/2014	Sutherland		
2014/0100012	A1	4/2014	Miller		

FOREIGN PATENT DOCUMENTS

KR	2020100011328	U	11/2010
KR	2020110005089	U	5/2011

OTHER PUBLICATIONS

Sara Mitri et al. "Fast Color-Independent Ball Detection for Mobile Robots", Fraunhofer Institute for Autonomous Intelligent Systems (AIS), Schloss Birlinghoven, D-53754 Sankt Augustin, Germany, {firstname.surname}@ais.fraunhofer.de; 6 pages.
<http://www.gosphero.com/>.
<http://drgraeme.net/drgraeme-free-nxt-g-tutorials/Ch108/SoccerGenIINXTG/SoccerBall/SoccerBall.htm>.
http://www.okanagan.bc.ca/programs/areas_of_study/engineeringtechnologies/robocup/soccer_challenge.html.
<http://www.robocup2011.org/en>.
<http://www.dezeen.com/2013/10/07/ctrus-football-by-agent>.
<http://www.dailymail.co.uk/sciencetech/article-2169176/Goal-line-technology-finally-signed-Premiership.html>.
<http://www.robotex.ce/eng/node/364>.

* cited by examiner

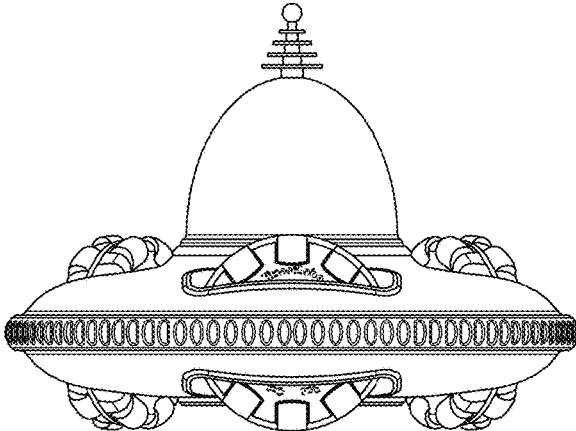


FIG. 1

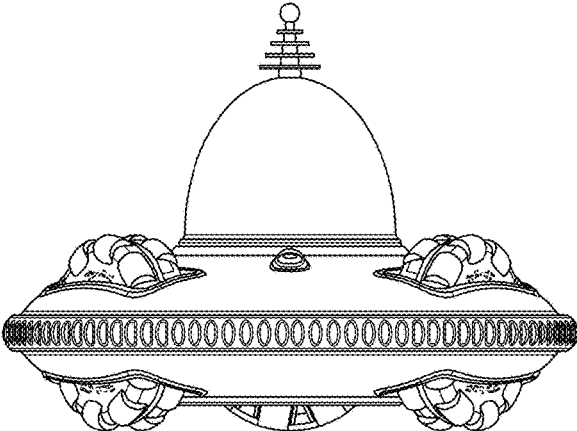


FIG. 2

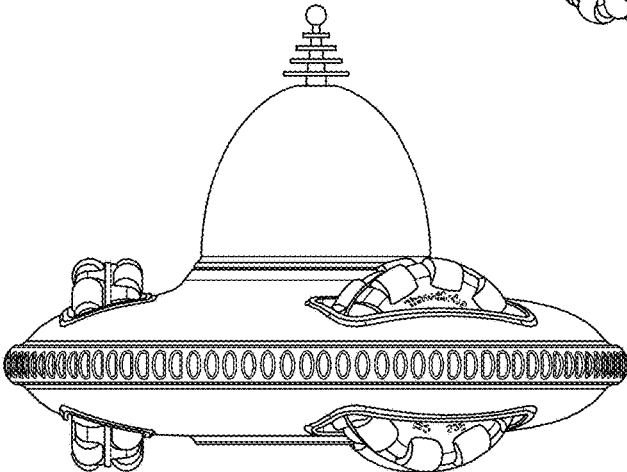


FIG. 3

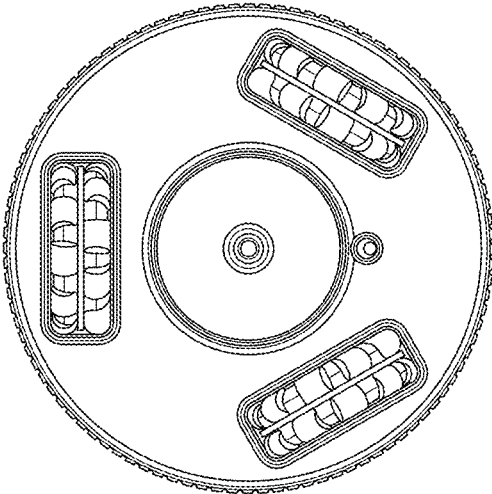


FIG. 4

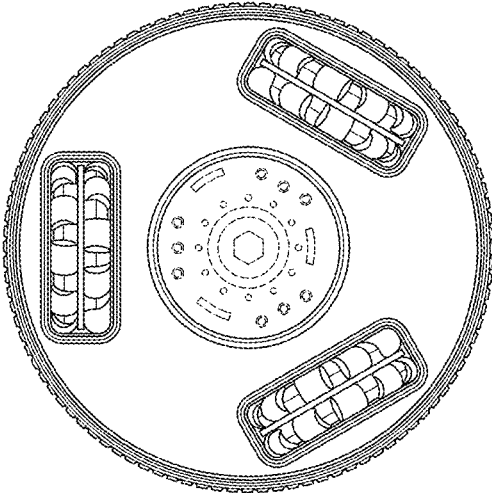


FIG. 5