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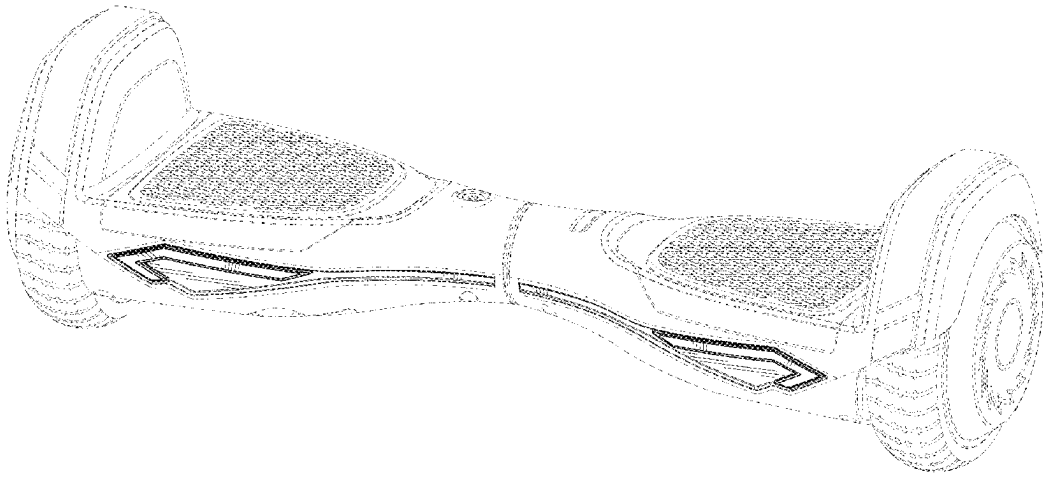
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,860,264	A	1/1975	Douglas et al.
4,065,146	A	12/1977	Denzer
4,076,270	A	2/1978	Winchell
4,151,892	A	5/1979	Francken
4,281,734	A	8/1981	Johnston
4,325,565	A	4/1982	Winchell
4,354,569	A	10/1982	Eichholz
4,484,648	A	11/1984	Jephcott
4,556,997	A	12/1985	Takamiya et al.
4,624,469	A	11/1986	Bourne, Jr.
4,712,806	A	12/1987	Patrin
4,874,055	A	10/1989	Beer
4,991,861	A	2/1991	Carn et al.
5,011,171	A	4/1991	Cook
5,165,711	A	11/1992	Tsai
D355,148	S	2/1995	Orsolini
5,522,568	A	6/1996	Kamen et al.
5,571,892	A	11/1996	Fuji et al.
5,695,021	A	12/1997	Schaffner et al.
5,701,965	A	12/1997	Kamen et al.
5,701,968	A	12/1997	Wright-Ott et al.
5,775,452	A	7/1998	Patmont
5,791,425	A	8/1998	Kamen et al.
5,794,730	A	8/1998	Kamen
5,848,660	A	12/1998	McGreen
5,954,349	A	9/1999	Rutzel
5,971,091	A	10/1999	Kamen et al.
5,975,225	A	11/1999	Kamen et al.
6,050,357	A	4/2000	Staelin et al.
6,052,647	A	4/2000	Parkinson et al.
6,062,600	A	5/2000	Kamen et al.
6,070,494	A	6/2000	Horng
6,148,944	A	11/2000	Adomi et al.
6,223,104	B1	4/2001	Kamen et al.
D444,184	S	6/2001	Kettler
6,273,212	B1	8/2001	Husted et al.
6,288,505	B1	9/2001	Heinzmann et al.
6,302,230	B1	10/2001	Kamen et al.
6,332,103	B1	12/2001	Steenson et al.
6,357,544	B1	3/2002	Kamen et al.
6,367,817	B1	4/2002	Kamen et al.
6,386,576	B1	5/2002	Kamen et al.
6,405,816	B1	6/2002	Kamen et al.
6,408,240	B1	6/2002	Morrell et al.
6,415,879	B2	7/2002	Kamen et al.
6,435,535	B1	8/2002	Field et al.
6,443,250	B1	9/2002	Kamen et al.
6,538,411	B1	3/2003	Field et al.
6,543,564	B1	4/2003	Kamen et al.



6,547,026 B2 4/2003 Kamen et al.
6,553,271 B1 4/2003 Morrell
6,561,294 B1 5/2003 Kamen et al.
6,575,539 B2 6/2003 Reich
6,581,714 B1 6/2003 Kamen et al.
6,598,941 B2 7/2003 Field et al.
6,651,763 B1 11/2003 Kamen et al.
6,651,766 B2 11/2003 Kamen et al.
D489,027 S 4/2004 Waters
D489,029 S 4/2004 Waters
6,715,845 B2 4/2004 Kamen et al.
D489,300 S 5/2004 Chang et al.
D493,127 S 7/2004 Waters et al.
D493,128 S 7/2004 Waters et al.
D493,129 S 7/2004 Waters et al.
D493,392 S 7/2004 Waters et al.
D494,099 S 8/2004 Maurer et al.
6,779,621 B2 8/2004 Kamen et al.
6,789,640 B1 9/2004 Arling et al.
6,796,396 B2 9/2004 Kamen et al.
6,799,649 B2 10/2004 Kamen et al.
6,815,919 B2 11/2004 Field et al.
6,827,163 B2 12/2004 Amsbury et al.
6,837,327 B2 1/2005 Heinzmann
6,866,107 B2 3/2005 Heinzmann et al.
6,868,931 B2 3/2005 Morrell et al.
6,874,591 B2 4/2005 Morrell et al.
6,889,784 B2 5/2005 Troll
6,907,949 B1 6/2005 Wang
D507,206 S 7/2005 Wang
6,920,947 B2 7/2005 Kamen et al.
6,926,294 B2 8/2005 Lewis
6,929,080 B2 8/2005 Kamen et al.
6,965,206 B2 11/2005 Kamen et al.
6,969,079 B2 11/2005 Kamen et al.
6,979,003 B2 12/2005 Adams
6,992,452 B1 1/2006 Sachs et al.
7,000,933 B2 2/2006 Arling et al.
7,004,271 B1 2/2006 Kamen et al.
7,006,901 B2 2/2006 Wang
7,017,686 B2 3/2006 Kamen et al.
7,023,330 B2 4/2006 Kamen et al.
7,083,178 B2 8/2006 Potter
7,090,040 B2 8/2006 Kamen et al.
7,091,724 B2 8/2006 Heinzmann et al.
D528,468 S 9/2006 Arling et al.
7,130,702 B2 10/2006 Morrell
7,131,706 B2 11/2006 Kamen et al.
7,157,875 B2 1/2007 Kamen et al.
7,174,976 B2 2/2007 Kamen et al.
7,178,614 B2 2/2007 Ishii
7,182,166 B2 2/2007 Gray et al.
7,195,259 B2 3/2007 Gang
7,210,544 B2 5/2007 Kamen et al.
7,243,572 B1 7/2007 Arling et al.
7,263,453 B1 8/2007 Gansler et al.
D551,592 S 9/2007 Chang et al.
D551,722 S 9/2007 Chang et al.
7,273,116 B2 9/2007 Kamen et al.
7,275,607 B2 10/2007 Kamen et al.
7,303,032 B2 12/2007 Kahlert et al.
7,338,056 B2 3/2008 Chen et al.
7,357,202 B2 4/2008 Kamen et al.
7,363,993 B2 4/2008 Ishii
7,367,572 B2 5/2008 Jiang
7,370,713 B1 5/2008 Kamen
7,407,175 B2 8/2008 Kamen et al.
7,424,927 B2 9/2008 Hiramatsu
7,437,202 B2 10/2008 Morrell
7,467,681 B2 12/2008 Hiramatsu
7,469,760 B2 12/2008 Kamen et al.
7,479,872 B2 1/2009 Kamen et al.
7,481,291 B2 1/2009 Nishikawa
7,546,889 B2 6/2009 Kamen et al.
7,587,334 B2 9/2009 Walker et al.
7,592,900 B2 9/2009 Kamen et al.
D601,922 S 10/2009 Imai et al.
7,597,334 B2 10/2009 Chen
7,643,834 B2 1/2010 Loppe et al.
7,681,895 B2 3/2010 Chen
7,690,447 B2 4/2010 Kamen et al.
7,690,452 B2 4/2010 Kamen et al.
7,703,568 B2 4/2010 Ishii
7,708,094 B2 5/2010 Kamen et al.
7,717,439 B2 5/2010 Chen
7,740,099 B2 6/2010 Field et al.
7,757,794 B2 7/2010 Heinzmann
7,766,351 B2 8/2010 Chen et al.
7,775,534 B2 8/2010 Chen et al.
7,779,939 B2 8/2010 Kamen et al.
7,783,392 B2 8/2010 Oikawa
7,789,174 B2 9/2010 Kamen et al.
7,812,715 B2 10/2010 Kamen et al.
7,857,088 B2 12/2010 Field et al.
7,866,429 B2 1/2011 Ishii et al.
7,891,680 B2 2/2011 Chen et al.
7,900,725 B2 3/2011 Heinzmann et al.
7,938,207 B2 5/2011 Kamen et al.
7,950,123 B2 5/2011 Arling et al.
7,958,956 B2 6/2011 Kakinuma et al.
7,962,256 B2 6/2011 Sterns et al.
7,979,179 B2 7/2011 Gansler
7,980,568 B2 7/2011 Chen
8,014,923 B2 9/2011 Ishii et al.
8,016,060 B2 9/2011 Miki et al.
8,028,777 B2 10/2011 Kakinuma et al.
8,047,556 B2 11/2011 Jang et al.
8,073,575 B2 12/2011 Tachibana et al.
8,074,388 B2 12/2011 Trainer
8,091,672 B2 1/2012 Gutsch et al.
8,113,524 B2 2/2012 Karpman
8,146,696 B2 4/2012 Kaufman
8,157,274 B2 4/2012 Chen
8,162,089 B2 4/2012 Shaw
8,165,771 B2 4/2012 Doi
8,170,780 B2 5/2012 Field et al.
8,186,462 B2 5/2012 Kamen et al.
8,225,891 B2 7/2012 Takenaka et al.
8,248,222 B2 8/2012 Kamen et al.
8,271,185 B2 9/2012 Doi
8,285,474 B2 10/2012 Doi
8,301,354 B2 10/2012 Doi
8,322,477 B2 12/2012 Kamen et al.
8,381,847 B2 2/2013 Polutnik
8,408,565 B2 4/2013 An
8,417,404 B2 4/2013 Yen et al.
8,453,340 B2 6/2013 Van Der Merwe et al.
8,453,768 B2 6/2013 Kamen et al.
8,459,667 B2 6/2013 Ungar et al.
8,459,668 B2 6/2013 Yoon
8,467,941 B2 6/2013 Field et al.
8,469,376 B2 6/2013 Kristiansen
8,490,723 B2 7/2013 Heinzmann et al.
8,532,877 B2 9/2013 Oikawa
8,579,769 B2 11/2013 Sans
8,584,782 B2 11/2013 Chen
8,606,468 B2 12/2013 Kosaka
8,616,313 B2 12/2013 Simeray et al.
8,684,123 B2 4/2014 Chen
8,688,303 B2 4/2014 Stevens et al.
8,738,278 B2 5/2014 Chen
8,763,733 B2 7/2014 Hamaya et al.
8,807,250 B2 8/2014 Chen
8,830,048 B2 9/2014 Kamen et al.
8,860,362 B2 10/2014 Kamen et al.
8,960,353 B2 2/2015 Chen
8,978,791 B2 3/2015 Ha et al.
9,045,190 B2 6/2015 Chen
9,101,817 B2 8/2015 Doerksen
D737,723 S 9/2015 Ying et al.
D738,256 S 9/2015 Ying et al.
D739,906 S 9/2015 Chen
9,239,158 B2 1/2016 Rothschilld
9,376,155 B2 6/2016 Ying et al.
9,403,573 B1 8/2016 Mazzei
9,434,438 B1 9/2016 Kim et al.
9,452,802 B2 9/2016 Ying et al.
D778,782 S 2/2017 Chen et al.

D779,375 S 2/2017 Zeng
D780,626 S 3/2017 Li et al.
9,604,692 B1 3/2017 Kim
D783,452 S 4/2017 Ying
D783,751 S 4/2017 Yao
D784,195 S 4/2017 Ying
D784,196 S 4/2017 Ying
D784,197 S 4/2017 Ying
D784,198 S 4/2017 Zhu
D785,112 S 4/2017 Ying
D785,113 S 4/2017 Ying
D785,114 S 4/2017 Ying
D785,115 S 4/2017 Ying
D785,736 S 5/2017 Ying
D786,130 S 5/2017 Huang
D786,994 S 5/2017 Chen
9,638,285 B2 5/2017 Huang
9,656,713 B1 5/2017 Ryan et al.
9,688,340 B1 6/2017 Kroymann
9,745,013 B2 8/2017 Wood
D803,722 S 11/2017 Ying
D803,963 S 11/2017 Desberg
D805,429 S 12/2017 Cao
9,840,302 B2 12/2017 Zeng
D807,457 S 1/2018 Desberg
D808,300 S 1/2018 Cao
D808,855 S 1/2018 Zhang et al.
D808,856 S 1/2018 Zhang et al.
D808,857 S 1/2018 Zhang
D810,618 S 2/2018 Li
D812,521 S 3/2018 Yao
D817,811 S 5/2018 Wang et al.
RE46,964 E 7/2018 Chen
10,059,397 B2 8/2018 Ying et al.
10,144,477 B2 12/2018 Lankford et al.
D837,322 S 1/2019 Desberg
D837,323 S 1/2019 Desberg
D840,872 S 2/2019 Desberg
D850,326 S 6/2019 Zheng
D852,891 S 7/2019 Yao
D865,095 S 10/2019 Desberg
D865,890 S 11/2019 Desberg
10,583,886 B2 3/2020 Li
D899,540 S 10/2020 Desberg
D899,541 S 10/2020 Desberg
10,800,477 B2 10/2020 Shang
D928,264 S 8/2021 Ke et al.
11,130,543 B2 9/2021 Ying
11,141,647 B2 10/2021 Li
D941,948 S 1/2022 Desberg
D944,349 S 2/2022 Zhao
D958,278 S 7/2022 Desberg
D960,043 S 8/2022 Desberg
11,654,995 B2 5/2023 Desberg et al.
RE49,608 E 8/2023 Chen
D1,002,764 S 10/2023 Desberg
D1,013,080 S 1/2024 Desberg
12,214,841 B2 2/2025 Desberg et al.
12,227,257 B2 2/2025 Chen
2002/0008361 A1 1/2002 Smith
2002/0063006 A1 5/2002 Kamen et al.
2002/0149172 A1 10/2002 Field et al.
2003/0155167 A1 8/2003 Kamen et al.
2004/0005958 A1 1/2004 Kamen et al.
2004/0007399 A1 1/2004 Heinzmann et al.
2004/0007644 A1 1/2004 Phelps, III et al.
2004/0050611 A1 3/2004 Kamen et al.
2004/0055796 A1 3/2004 Heinmann et al
2004/0201271 A1 10/2004 Kakinuma et al.
2004/0262871 A1 12/2004 Schreuder et al.
2005/0126832 A1 6/2005 Amsbury et al.
2005/0134014 A1 6/2005 Xie
2006/0202439 A1 9/2006 Kahlert et al.
2006/0226675 A1 10/2006 Dunr
2006/0260857 A1 11/2006 Kakinuma et al.
2007/0051543 A1 3/2007 Kamen et al.
2007/0158117 A1 7/2007 Alexander
2007/0273118 A1 11/2007 Conrad
2008/0029985 A1 2/2008 Chen
2008/0105471 A1 5/2008 Kamen et al.
2008/0147281 A1 6/2008 Ishii et al.
2008/0284130 A1 11/2008 Kamen et al.
2009/0032323 A1 2/2009 Kakinuma et al.
2009/0055033 A1 2/2009 Gansler et al.
2009/0078485 A1 3/2009 Gutsch et al.
2009/0105908 A1 4/2009 Casey et al.
2009/0115149 A1 5/2009 Wallis et al.
2009/0200746 A1 8/2009 Yamamoto
2009/0315293 A1 12/2009 Kosaka
2010/0025139 A1 2/2010 Kosaka et al.
2010/0033315 A1 2/2010 Kamen et al.
2010/0114468 A1 5/2010 Field et al.
2010/0121538 A1 5/2010 Ishii et al.
2010/0168993 A1 7/2010 Doi et al.
2010/0207564 A1 8/2010 Robinson
2010/0217497 A1 8/2010 Kamen et al.
2010/0222994 A1 9/2010 Field et al.
2010/0225080 A1 9/2010 Smith
2010/0237645 A1 9/2010 Trainer
2011/0023652 A1 2/2011 Cosby et al.
2011/0131759 A1 6/2011 An
2011/0209929 A1 9/2011 Heinzmann et al.
2011/0220427 A1 9/2011 Cher
2011/0221160 A1 9/2011 Shaw et al.
2011/0238247 A1 9/2011 Yen et al.
2011/0282532 A1 11/2011 Kosaka et al.
2012/0035809 A1 2/2012 Kosaka
2012/0205176 A1 8/2012 Ha et al.
2012/0239284 A1 9/2012 Field et al.
2012/0290162 A1 11/2012 Stevens et al.
2012/0310464 A1 12/2012 Kamen et al.
2013/0010825 A1 1/2013 Kamen et al.
2013/0032422 A1 2/2013 Chen
2013/0032423 A1 2/2013 Chen
2013/0092461 A1 4/2013 Kamen et al.
2013/0099565 A1 4/2013 Sachs et al.
2013/0105239 A1 5/2013 Fung
2013/0186702 A1 7/2013 Hadley et al.
2013/0206493 A1 8/2013 Larson et al.
2013/0228385 A1 9/2013 Chen
2013/0238231 A1 9/2013 Chen
2013/0268145 A1 10/2013 Kamen et al.
2014/0091622 A1 4/2014 Lucas et al.
2014/0163855 A1 6/2014 Field et al.
2014/0188316 A1 7/2014 Heinzmann et al.
2014/0222267 A1 8/2014 Stevens et al.
2014/0339003 A1 11/2014 Kamen et al.
2015/0066276 A1 3/2015 Nakashima et al.
2015/0096820 A1 4/2015 Strack
2015/0175202 A1 6/2015 MacGregor et al.
2016/0121198 A1 5/2016 Doerksen et al.
2016/0129963 A1 5/2016 Ying et al.
2016/0185411 A1 6/2016 Hadley et al.
2016/0207584 A1 7/2016 Ying et al.
2016/0325803 A1 11/2016 Waxman
2017/0088211 A1 3/2017 Jiang
2017/0088212 A1 3/2017 Edney
2017/0106931 A1 4/2017 Wood
2017/0144718 A1 5/2017 Tinaphong
2017/0158275 A1 6/2017 Yang
2017/0166278 A1 6/2017 Lu
2017/0183053 A1 6/2017 Zeng
2017/0217529 A1 8/2017 Chen
2017/0253287 A1 9/2017 Zuo
2017/0297653 A1 10/2017 Zheng
2017/0309874 A1 10/2017 Hsia et al.
2017/0349230 A1 12/2017 Doerksen et al.
2018/0037290 A1 2/2018 Ying
2018/0037293 A1 2/2018 Chen
2018/0118297 A1 5/2018 Lu
2018/0148120 A1 5/2018 Yang et al.
2018/0273130 A1 9/2018 Ying
2019/0077479 A1 3/2019 Chen
2019/0256164 A1 8/2019 Yang et al.
2019/0337585 A1 11/2019 Ying et al.
2024/0025507 A1 1/2024 Desberg et al.

FOREIGN PATENT DOCUMENTS

CA	2903571	A1	12/2015
CN	2486450	Y	4/2002
CN	101148184	A	3/2008
CN	101157376	A	4/2008
CN	100431906	C	11/2008
CN	101353070	A	1/2009
CN	201205442	Y	3/2009
CN	201283206	Y	8/2009
CN	201350326	Y	11/2009
CN	201419008	Y	3/2010
CN	201423155	Y	3/2010
CN	201431762	Y	3/2010
CN	101920728	A	12/2010
CN	101565073	B	1/2011
CN	201824899	U	5/2011
CN	101513569	B	7/2011
CN	301604610	S	7/2011
CN	201978449	U	9/2011
CN	202201103	U	4/2012
CN	102514662	A	6/2012
CN	102602481	A	7/2012
CN	102616310	A	8/2012
CN	103144715	A	6/2013
CN	103246288	A	8/2013
CN	203158157	U	8/2013
CN	203381739	U	1/2014
CN	104014123	A	9/2014
CN	104029769	A	9/2014
CN	203844875	U	9/2014
CN	203996649	U	12/2014
CN	204050913	U	12/2014
CN	102514662	B	4/2015
CN	102514663	B	5/2015
CN	104859773	A	8/2015
CN	104922891		9/2015
CN	104922893	A	9/2015
CN	104954476	A	9/2015
CN	204699363	U	10/2015
CN	105109595	A	12/2015
CN	105151181	A	12/2015
CN	105172959	A	12/2015
CN	204864865	U	12/2015
CN	204915961	U	12/2015
CN	204952213	U	1/2016
CN	205005082	U	1/2016
CN	105329386	A	2/2016
CN	105329387	A	2/2016
CN	105329388	A	2/2016
CN	105346606	A	2/2016
CN	105346607	A	2/2016
CN	105346643	A	2/2016
CN	105346649	A	2/2016
CN	105346650	A	2/2016
CN	105346651	A	2/2016
CN	105365963	A	3/2016
CN	105416464	A	3/2016
CN	105416468	A	3/2016
CN	105416484	A	3/2016
CN	105416485	A	3/2016
CN	105416486	A	3/2016
CN	205150007	U	4/2016
CN	205150114	U	4/2016
CN	205160428	U	4/2016
CN	205186320	U	4/2016
CN	205186321	U	4/2016
CN	205186322	U	4/2016
CN	105539659	A	5/2016
CN	105539664	A	5/2016
CN	105539665	A	5/2016
CN	105539666	A	5/2016
CN	105539695	A	5/2016
CN	205256547	U	5/2016
CN	105730576	A	7/2016
CN	105905205	A	8/2016
CN	205469471	U	8/2016
CN	205554418	U	9/2016
CN	205769843	A	12/2016
CN	205906129	U	1/2017
CN	206344927	U	7/2017
CN	206437133	U	8/2017
CN	107512347	A	12/2017
DE	3411489		10/1984
DE	44 04 594		8/1995
DE	19642333	A1	4/1998
DE	10209093		9/2003
DE	202014010564	U1	1/2016
EP	1791609	B1	11/2011
EP	2987712	A1	2/2016
GB	2529565	A	2/2016
JP	52-044933		4/1977
JP	57-87766		6/1982
JP	57-110569		7/1982
JP	59-73372		4/1984
JP	61-31685		2/1986
JP	62-12810		1/1987
JP	63-305082		6/1987
JP	2-190277		7/1990
JP	4-201793		7/1992
JP	5-213240		8/1993
JP	6-105415		4/1994
JP	6-171562		6/1994
JP	10-023613		1/1998
JP	H03-070015		5/2000
JP	2001-178863	A	7/2001
JP	2004-359094	A	12/2004
JP	2005-094898	A	4/2005
JP	2005-335471	A	12/2005
JP	2006-001384	A	1/2006
JP	2006-001385	A	1/2006
JP	2006-008013	A	1/2006
JP	2009-286323	A	12/2009
JP	2010-030436	A	2/2010
JP	2010-030437	A	2/2010
JP	2010-030438	A	2/2010
JP	2010-030568	A	2/2010
JP	2010-030569	A	2/2010
JP	2010-035330	A	2/2010
JP	2010-254216	A	11/2010
JP	2011-131620	A	7/2011
JP	2016-527115	A	9/2016
JP	6086636	B1	3/2017
KR	10-2008-0062416	A	7/2008
TW	M516550	U	2/2016
TW	M531423	U	11/2016
WO	WO 86/05752		10/1986
WO	WO 89/06117		7/1989
WO	WO 96/23478		8/1996
WO	WO 98/46474		10/1998
WO	WO 00/75001		12/2000
WO	WO 2003/68342		2/2003
WO	WO 2004/07264		1/2004
WO	WO 2004/108513	A1	12/2004
WO	WO 2009/120157	A1	10/2009
WO	WO 2011/111123	A1	6/2013
WO	WO 2015/188599	A1	12/2015
WO	WO 2017/092101	A1	6/2017
WO	WO 2017/092163		8/2017
WO	WO 2017/210830	A1	12/2017
WO	WO 2018/113070	A1	6/2018

OTHER PUBLICATIONS

Banks, Alex, Everything You Need To Know About The Hoverboard Craze, Highsnobiety.com, Oct. 14, 2015, http://www.highsnobiety.com/2015/10/14/hoverboard-history.

Bash, John D., How Do Self Balancing Scooters Work?, Bestelectrichoverboard.com (Nov. 12, 2015), https://bestelectrichoverboard.com/hoverboard-faq/how-do-selfbalancing-scooters-work/.

Blankespoor, et al., Experimental Verification of the Dynamic Model for a Quarter Size Self-Balancing Wheelchair, Proceeding of the 2004 American Control Conference, Boston, MA, vol. 1, pp. 488-492.

CNET, Screenshots of "First look at the Razor Hovertrax 2.0 with Jake Krol" video, posted on Jul. 13, 2016, in 28 pages.

Detrick, Ben, Celebrities On Scooters (Catch Them If You Can), The New York Times Aug. 15, 2015, http://www.nytimes.com/2015/08/16/fashion/cara-delevingne-justinbieber-meek-mill-stephen-curry-on-scooters.html?_r=%200.
Hu, et al., Self-balancing Control and Manipulation of a Glove Puppet Robot on a Two-Wheel Mobile Platform, 2009 IEEE/RSJ International Conference on intelligent Robots and Systems, St. Louis, MO, 2009, pp. 424-425.
Inventist, Inc. "Hovertrax Guide and Manual," 2014, in 15 pages.
"Inventist Inc., Solo Wheel, Orbit wheel @ Toy Fair 2013" https://www.youtube.com/watch?v=w8rHKCjLAWI, Feb. 10, 2013.
IO Hawk—Intelligent Personal Mobility Device, https://web.archive.org/web/20150718144409/http://iohawk.com, Jul. 18, 2015, in 9 pages.
Kantrowitz, Alex, Everything You Need To Know About The Hoverboard Craze, Buzzfeed.com Aug. 27, 2015, https://www.buzzfeed.com/alexkantrowitz/a-crash-course-inhoverboards?utm_term=.qw5Z9x47Z#.oc1W1v56W.
Kawaji, S., Stabilization of Unicycle Using Spinning Motion, Denki Gakkai Ronbushi, D, vol. 107, Issue 1, Japan (1987), pp. 21-28.
Kickstarter, Comments on Hovertrax by Inventist, https://www.kickstarter.com/projects/687658339/hovertax/comments, apparently available Oct. 2014, in 16 pages.
Kickstarter, "Hovertrax by Inventist," https://web.archive.org/web/20130504083823/http://kickstarter.com/projects/687658339/hovertrax?, May 4, 2013, in 11 pages.
Kim, et al., Development of a Two-Wheeled Mobile Tilting & Balancing (MTB) Robot, 2011 11th International Conference on Control, Automation and Systems (ICCAS), Gyeonggi-do, 2011, pp. 1-6.
Li, et al., A coaxial couple wheeled equilibrium robot with T-S fuzzy equilibrium control, Industrial Robot: An International Journal, vol. 38, Issue 3, pp. 292-300, 2011.
Murphy, Mike, Everything You've Ever Wanted To Know About The Hoverboard Craze, Quartz Nov. 11, 2015, http://qz.com/495935/everything-youve-ever-wanted-to-know-aboutthe-hoverboard-craze/.
Robinson, Mandy, Hoverboard Black Friday Sales: Best Places To Get One Before Christmas, Inquisitr.com, Nov. 24, 2015, http://www.inquisitr.com/2589773/hoverboard-black-friday-sales-best-10107994 - iv - places-to-get-one-before-christmas/.
Sasaki, et al., Forward and Backward Motion Control of Personal Riding-type Wheeled Mobile Platform, Proceedings of the 2004 IEEE International Conference on Robotics and Automation, vol. 4, pp. 3331-3336.
Sasaki, Makiko, et al., "Steering Control of the Personal Riding-type Wheeled Mobile Platform (PMP)," vol. 4 of 4, IEEE, RSJ International Conference on Intelligent Robots and Systems, Aug. 2-6, 2005, in 60 pages.
Schoonwinkel, A., Design and Test of a Computer-Stabilized Unicycle, Stanford University (1988), UMI Dissertation Services.
Sino US Times, Interview of Mr. Ying, http://www.chic-robot.com/index.php/news/info/54, Jan. 26, 2016, in 15 pages.
'They're Completely Different Products': IO Hawk President John Soibatian Not Concerned About Infringing Hovertrax Patent, Hoverguru.com (2015), http://hoverguru.com/posts/theyrecompletely-different-products-io-hawk-president-john-soibatian-notconcerned-about-infringing-on-hovertrax-patent/ (last visited Dec. 27, 2016).
Tsai, et al., Development of a Self-Balancing Human Transportation Vehicle for the Teaching of Feedback Control, IEEE Transactions on Education, vol. 52, No. 1, Feb. 2009.
Vos, D., Dynamics and Nonlinear Adaptive Control of an Autonomous Unicycle, Massachusetts Institute of Technology, 1989.
Vos, D., Nonlinear Control of an Autonomous Unicycle Robot: Practical Issues, Massachusetts Institute of Technology, 1992.
Wells, Georgia, What It's Like To Have Wheels For Feet: Test Driving The Latest 'Hoverboards', The Wall Street Journal (Oct. 28, 2015), http://www.wsj.com/articles/what-its-like-to-have-wheels-forfeet-test-driving-the-latest-hoverboards-1446055640.
Yu, et al., Development of a Omni-directional Self-Balancing Robot Wheelchair, Journal of Korea Robotics Society, vol. 8, Iss. 4, pp. 229-237 (2013).
Abeygunawardhana, et al., Vibration Suppression of Two-Wheel Mobile Manipulator Using Resonance-Ratio-Control-Based NullSpace Control, IEEE Transactions on Industrial Electronics, vol. 57, No. 12, pp. 4137-4146 (2010).
Azizan, et al., Fuzzy Control Based on LMI Approach and Fuzzy Interpretation of the Rider Input for Two Wheeled Balancing Human Transporter, 2010 8th IEEE International Conference on Control and Automation, Xiamen, 2010, pp. 192-197.
Cardozo, et al., Prototype for a Self-Balanced Personal Transporter, 2012 Workshop on Engineering Applications (WEA), Bogota, 2012, pp. 1-6.
Chiu, et al., Design and implement of the self-dynamic controller for two-wheel transporter, 2006 IEEE International Conference on Fuzzy Systems, Vancouver, BC, 2006, pp. 480-483.
Choi, et al., Four and Two Wheel Transformable Dynamic Mobile Platform, 2011 IEEE International Conference on Robotics and Automation (ICRA), Shanghai, pp. 1-4.
Clark, et al. "Edgar, A Self-Balancing Scooter Final Report" (2005). (Divided in to 2 parts for submission).
Coelho, et al., Development of a Mobile Two-Wheel Balancing Platform for Autonomous Applications, 15th International conference on Mechatronics and Machine Vision in Practice, Auckland, 2008, pp. 575-580.
Gotoh, Akio and Yamaoka, Masaaki, "Personal Mobility Robot," Robot, Issue No. 199, Mar. 2011, pp. 28-31.
|Hornyak, Tim, Robot roller skates less bulky than Segway, www.cnet.com, Nov. 27, 2009.
Li, et al., Controller Design of a Two-Wheeled Inverted Pendulum Mobile Robot, 2008 IEEE International Conference on Mechatronics and Automation, Takarnatsu, pp. 7-12.
Li, et al., Mechanical Design and Dynamic Modeling of a TwoWheeled Inverted Pendulum Mobile Robot, Proceedings of the 2007 IEEE International Conference on Automation and Logistics, Jinan, 2007, pp. 1614-1619.
Lin, et al., Adaptive Robust Self-Balancing and Steering of a Two-Wheeled Human Transportation Vehicle, 62 J Intell Robot Syst, pp. 103-123 (2011) (first published online Aug. 27, 2010).
Quick, Darren, Nissan Joins Personal Mobility Field with "Segwayskis", http:///www.gizmag.com/nissan-personal-mobility-device/13210/, New Atlas, Urban Transport, Oct. 27, 2009, pp. 1-9.
Quirk, Trevor, "Why you shouldn't expect a hoverboard any time soon," Christian Science Monitor, URL~https://www.csmonitor.com/Science/2012/0213/Why-you-shouldn-t-expect-a-hoverboardany-time-soon, Feb. 13, 2012, Web. Jul. 5, 2016, pp. 1-5.
Seo, et al., Simulation of Attitude Control of a Wheeled Inverted Pendulum, International Conference on Control, Automation, and Systems, 2007, Seoul, pp. 2264-2269.
Tran, Long, "More Weird Ways to Skate the Streets," Yanko Design, Sep. 7, 2007.
Tsai, et al., Intelligent Adaptive Motion Control Using Fuzzy Basis Function Networks for Self-Balancing Two-Wheeled Transporters, 2010 IEEE Conference on Fuzzy Systems, Barcelona, 2010 pp. 1-6.
Google Trends—Web Search Interest: hoverboard-United States, Jan. 2004-Jul. 2016, Jul. 5, 2016.

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(57) **CLAIM**

The ornamental design for a two wheeled board, as shown and described.

DESCRIPTION

FIG. **1** is a front, top, left-side perspective view of an embodiment of a two wheeled board of my design;
FIG. **2** is a rear, bottom, left-side perspective view thereof;
FIG. **3** is a top view thereof;
FIG. **4** is a bottom view thereof;
FIG. **5** is a front view thereof;

FIG. **6** is a rear view thereof;
FIG. **7** is a left-side view thereof; and,
FIG. **8** is a right-side view thereof.
The broken lines illustrate portions of the two wheeled board that form no part of the claimed design.

1 Claim, 7 Drawing Sheets

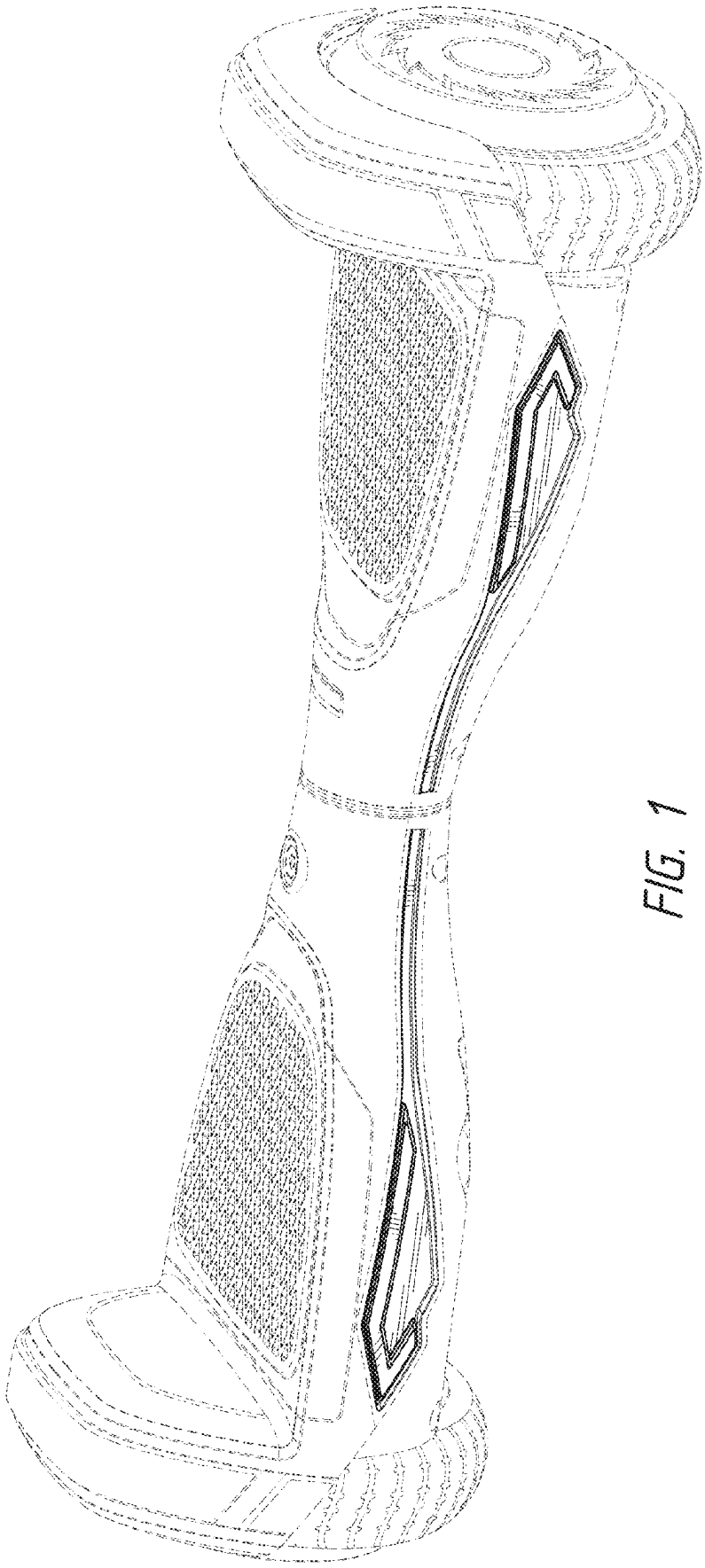

FIG. 1

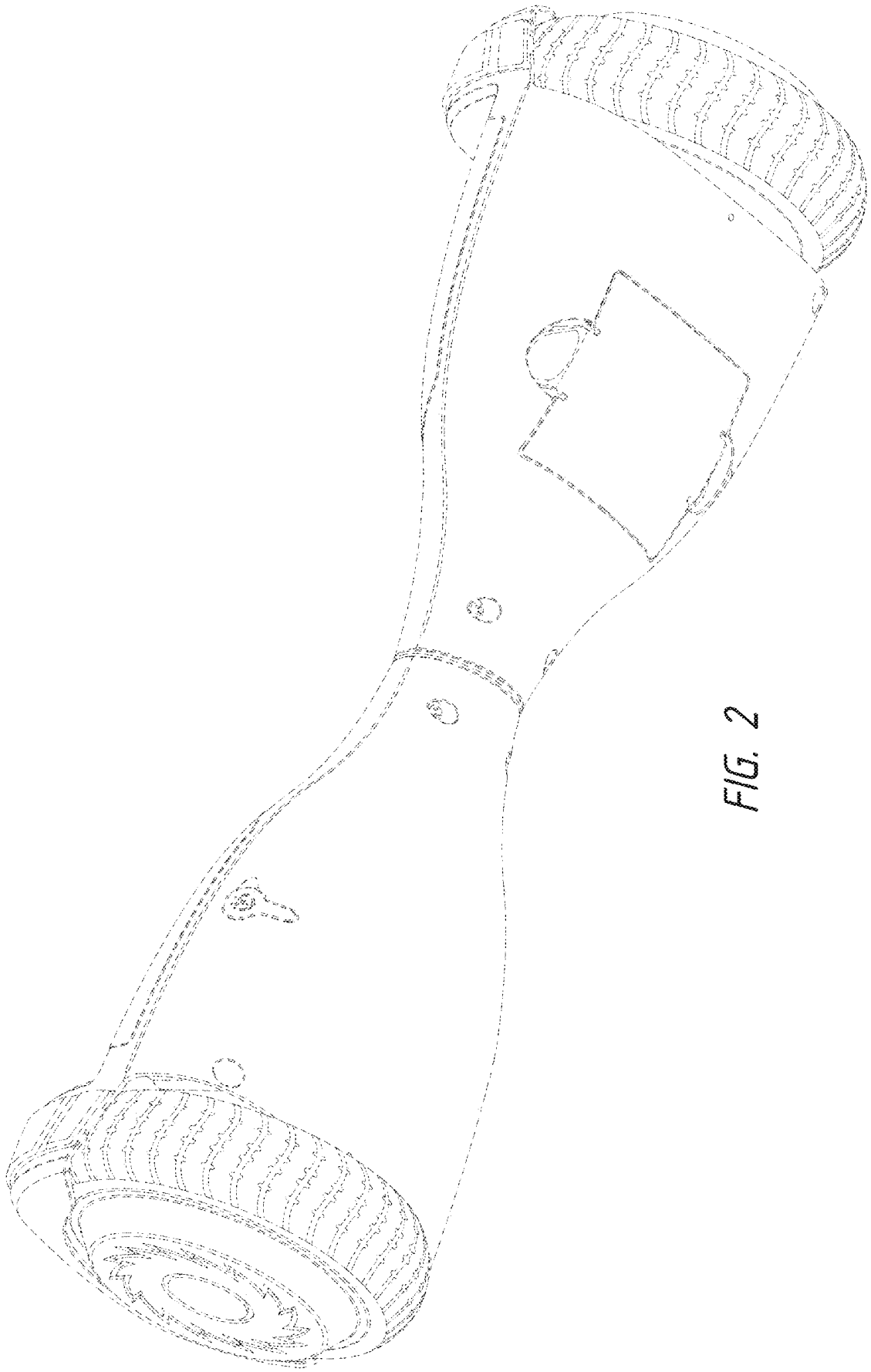

FIG. 2

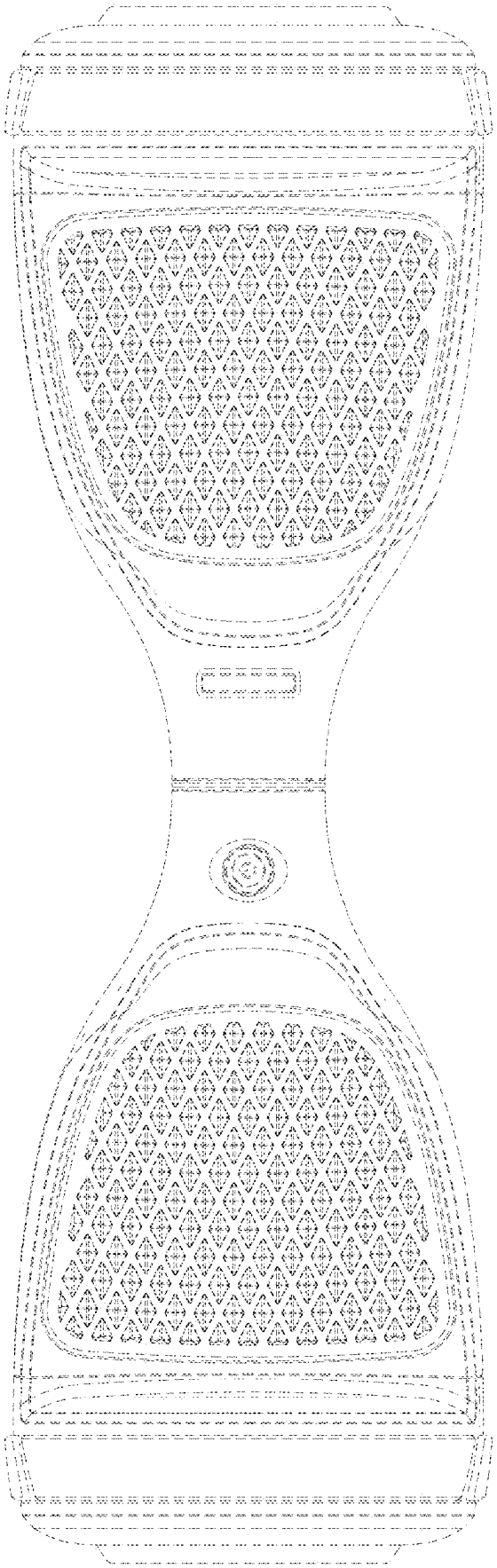

FIG. 3

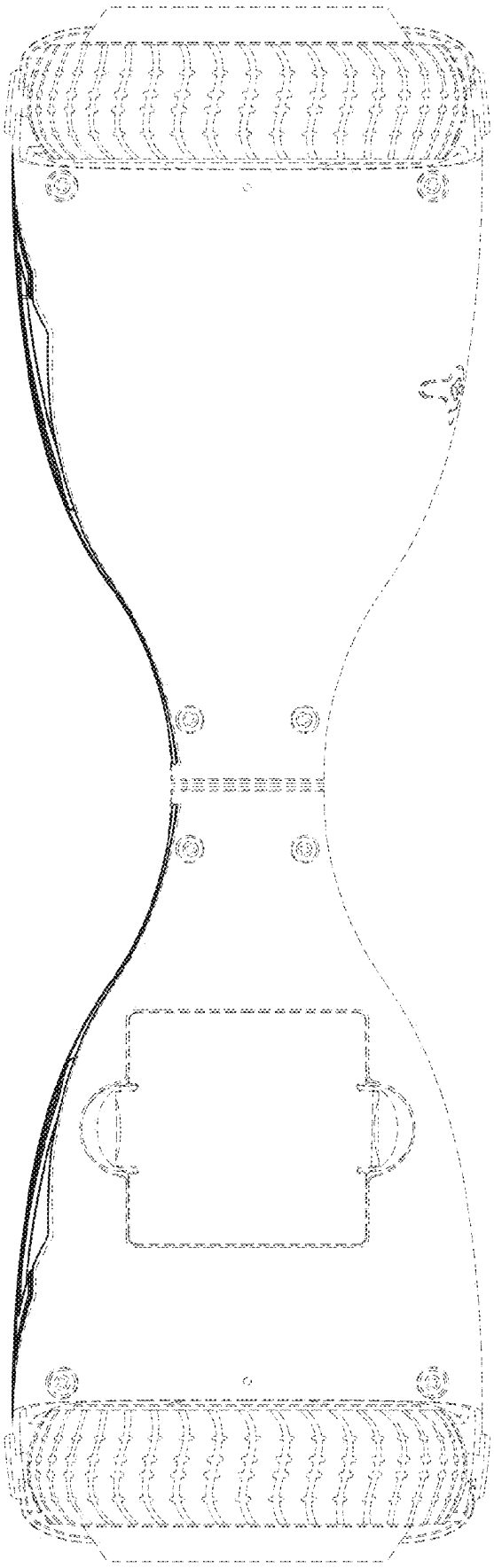

FIG. 4

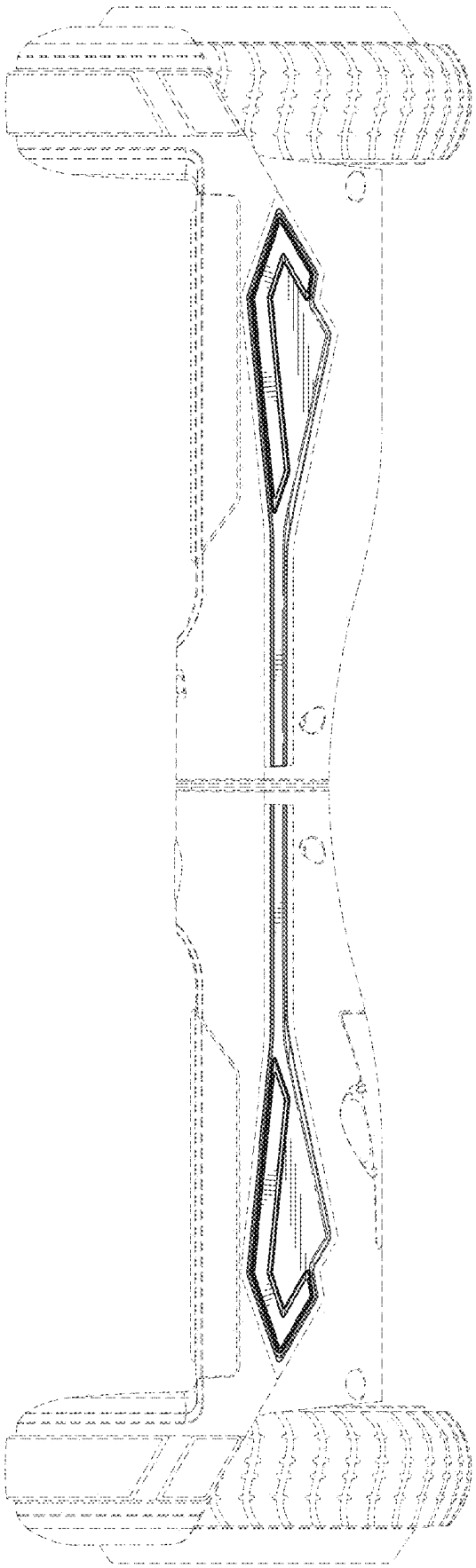

FIG. 5

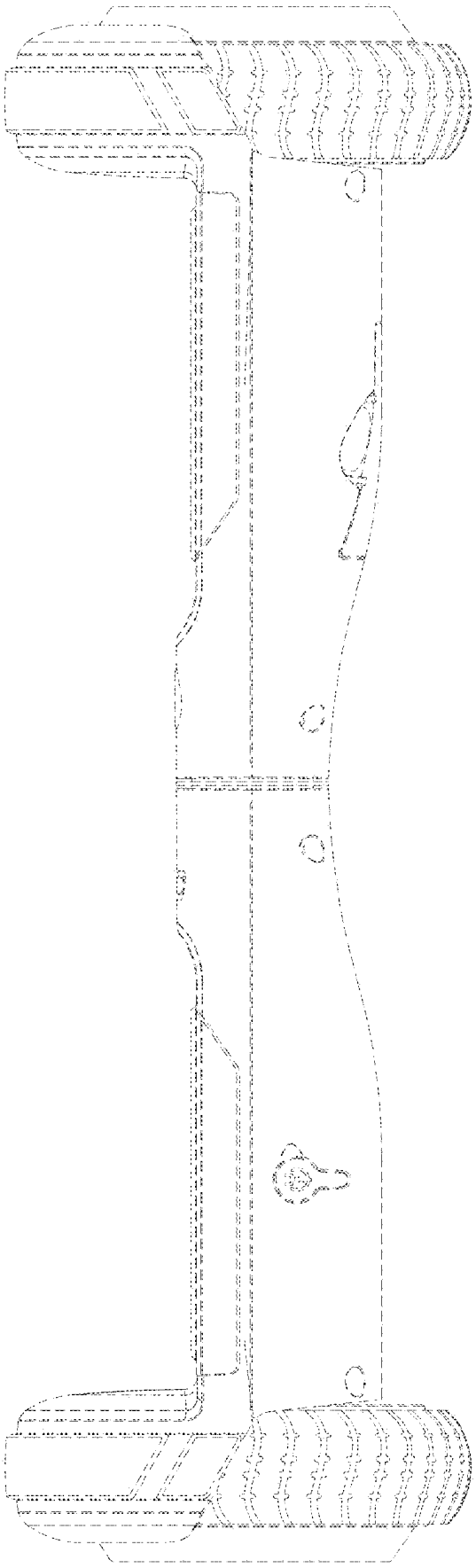

FIG. 6

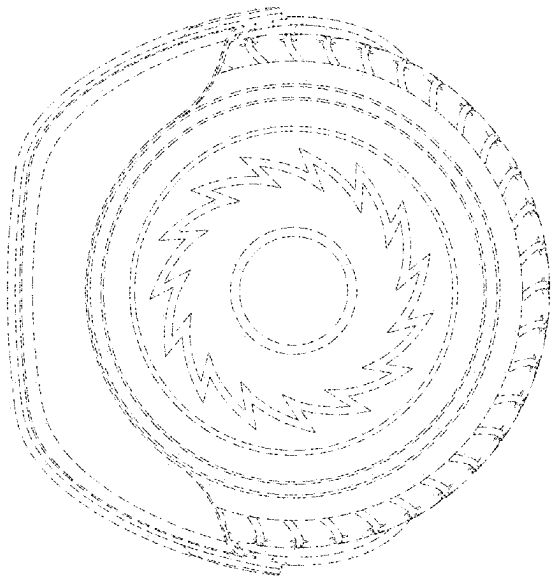

FIG. 8

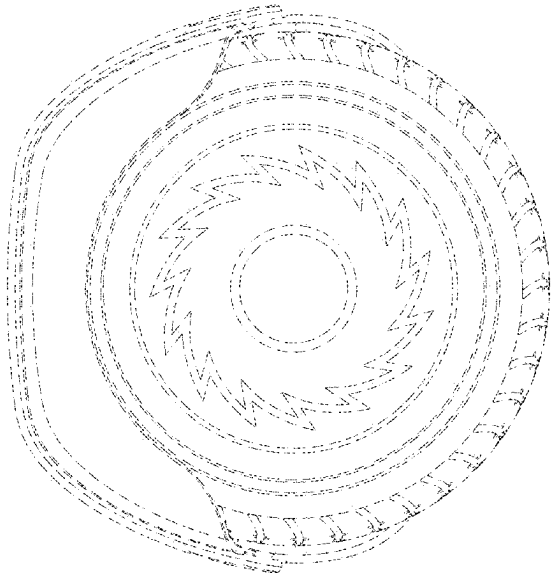

FIG. 7