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(12) **United States Design Patent**  
**Girard et al.**

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(54) **SHOE**

**FOREIGN PATENT DOCUMENTS**

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CN 2875129 Y 3/2007  
CN 201005124 Y 1/2008  
(Continued)

(73) Assignee: **Puma SE**, Herzogenaurach (DE)

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

**OTHER PUBLICATIONS**

Hybrid NX Ozone Men's Running Shoes, Us.Puma.com, [online], [site visited Sep. 8, 2020]. <URL: [https://us.puma.com/en/us/pd/hybrid-nx-ozone-mens-running-shoes/193384.html?dwvar\\_193384\\_color=06](https://us.puma.com/en/us/pd/hybrid-nx-ozone-mens-running-shoes/193384.html?dwvar_193384_color=06)> (Year: 2020).\*

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**Related U.S. Application Data**

(60) Continuation-in-part of application No. 29/715,456, filed on Dec. 2, 2019, which is a continuation of (Continued)

(57) **CLAIM**

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

**DESCRIPTION**

(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** ..... **02-04**

(52) **U.S. Cl.**  
USPC ..... **D2/947; D2/952; D2/954**

(58) **Field of Classification Search**  
USPC .... D2/2, 906, 908, 916, 918, 925, 946-962, D2/977; 36/1, 1.5, 3 B, 22 R, 24.5, 25 R,  
(Continued)

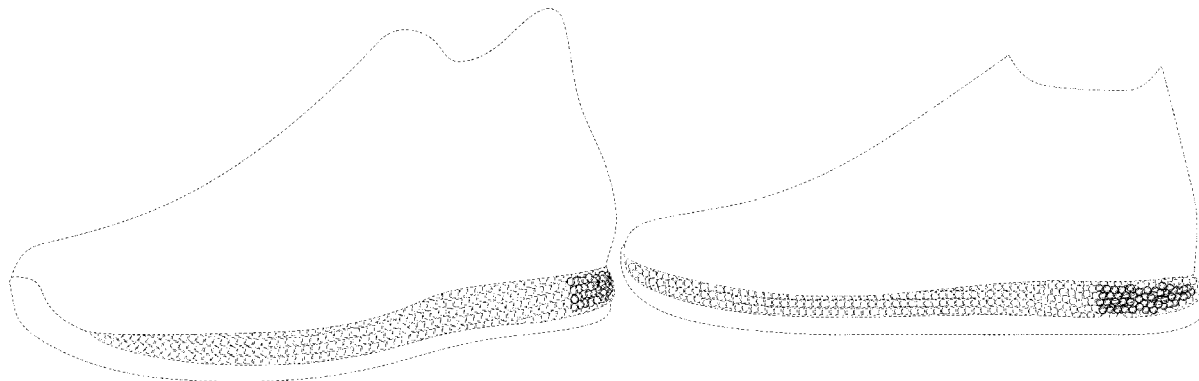
FIG. 1 is a left side perspective view of an ornamental design for a shoe;  
FIG. 2 is a left side view of the shoe of FIG. 1;  
FIG. 3 is another left side perspective view of the ornamental design with alternative environmental structure;  
FIG. 4 is a left side view of the shoe of FIG. 3  
FIG. 5 is yet another left side perspective view of the ornamental design with alternative environmental structure;  
FIG. 6 is a left side view of the shoe of FIG. 5;  
FIG. 7 is still another left side perspective view of the ornamental design with alternative environmental structure; and,  
FIG. 8 is left side view of the shoe of FIG. 7.  
The dash-dash-dash broken lines are included for the purpose of illustrating portions of the shoe that form no part of the claimed design.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D15,185 S 8/1884 Brooks  
1,433,309 A 10/1922 Stimpson  
(Continued)

**1 Claim, 8 Drawing Sheets**



**Related U.S. Application Data**

application No. 29/682,372, filed on Mar. 5, 2019, now Pat. No. Des. 885,724, which is a division of application No. 29/621,562, filed on Oct. 10, 2017, now Pat. No. Des. 855,953.

**(58) Field of Classification Search**

USPC ..... 36/28, 32 R, 34 R, 59 C, 67 A, 101-107, 36/114-116, 117.3, 117.4, 124-136  
 CPC ..... A43B 13/00; A43B 13/02; A43B 13/023; A43B 13/026; A43B 13/04; A43B 13/08; A43B 13/10; A43B 13/12; A43B 13/14; A43B 13/141; A43B 13/143; A43B 13/16; A43B 13/18; A43B 13/181; A43B 13/187; A43B 13/189; A43B 13/20; A43B 13/22; A43B 13/223; A43B 13/24; A43B 13/28; A43B 13/30; A43B 13/32; A43B 13/34; A43B 13/36

See application file for complete search history.

**(56) References Cited**

## U.S. PATENT DOCUMENTS

D79,583 S 10/1929 Cutler  
 D84,646 S 7/1931 Murray  
 D86,958 S 5/1932 Hakim  
 D90,233 S 7/1933 Daniels  
 D92,670 S 7/1934 Murray  
 D97,945 S 12/1935 Lutz  
 2,090,881 A 8/1937 Wilson  
 D132,621 S 6/1942 Ivan  
 D161,031 S 11/1950 MacLeod  
 2,641,004 A 6/1953 Whiting et al.  
 D171,331 S 1/1954 Haines et al.  
 D196,491 S 10/1963 Papoutsy  
 D206,222 S 11/1966 Mostile  
 3,469,576 A 9/1969 Smith  
 D216,246 S 12/1969 Mistarz  
 3,573,155 A 3/1971 Mitchell  
 3,629,051 A 12/1971 Mitchell  
 3,971,839 A 7/1976 Taylor  
 D241,484 S 9/1976 Castano  
 4,089,069 A 5/1978 Vistins  
 4,112,599 A 9/1978 Krippelz  
 D254,578 S 4/1980 Finn  
 D255,171 S 6/1980 Bowers  
 D255,178 S 6/1980 Fuzita  
 D255,286 S 6/1980 Fuzita  
 D256,067 S 7/1980 Hagg et al.  
 D263,348 S 3/1982 Cohen  
 D263,518 S 3/1982 Cohen  
 D265,017 S 6/1982 Vermonet  
 D265,019 S 6/1982 Vermonet  
 D265,437 S 7/1982 Vermonet  
 4,345,387 A 8/1982 Daswick  
 D272,963 S 3/1984 Muller et al.  
 D274,956 S 8/1984 Saruwatari  
 4,557,059 A 12/1985 Misevich et al.  
 D287,902 S 1/1987 Forsyth  
 4,658,515 A 4/1987 Oatman  
 D290,182 S 6/1987 Chen  
 D293,271 S 12/1987 Lussier  
 D293,275 S 12/1987 Bua  
 D293,620 S 1/1988 Liggett et al.  
 D295,917 S 5/1988 Brown et al.  
 D296,039 S 6/1988 Diaz  
 D296,149 S 6/1988 Diaz  
 D296,954 S 8/1988 Tong  
 D297,682 S 9/1988 Le  
 D298,483 S 11/1988 Liggett et al.  
 D298,582 S 11/1988 Caire  
 D299,581 S 1/1989 Friedenbergl  
 4,845,863 A 7/1989 Yung-Mao  
 D304,520 S 11/1989 Clark

D304,521 S 11/1989 Clark  
 D305,382 S 1/1990 Kiyosawa  
 D306,793 S 3/1990 Schwartz  
 D307,971 S 5/1990 Maccano et al.  
 D308,285 S 6/1990 Sema  
 D310,293 S 9/1990 Sema et al.  
 D310,295 S 9/1990 Boucher et al.  
 D311,989 S 11/1990 Parker et al.  
 D312,920 S 12/1990 Aveni  
 D313,113 S 12/1990 Aveni  
 D319,535 S 9/1991 Hatfield  
 D320,689 S 10/1991 Smith  
 D321,589 S 11/1991 Merk et al.  
 D321,973 S 12/1991 Hatfield  
 D321,974 S 12/1991 Hatfield  
 D324,762 S 3/1992 Hatfield  
 D324,940 S 3/1992 Claveria  
 D328,815 S 8/1992 Legacki et al.  
 D329,528 S 9/1992 Hatfield  
 D329,940 S 10/1992 Hatfield  
 D330,454 S 10/1992 Elliot  
 5,152,081 A 10/1992 Hallenbeck et al.  
 D330,627 S 11/1992 Frachey et al.  
 D330,629 S 11/1992 Bramani  
 5,222,311 A 6/1993 Lin  
 D337,650 S 7/1993 Thomas, III et al.  
 D339,447 S 9/1993 McDonald  
 D339,448 S 9/1993 Teague  
 D339,454 S 9/1993 Hatfield  
 D339,675 S 9/1993 Austin  
 D339,906 S 10/1993 Frachey et al.  
 D340,349 S 10/1993 Kilgore et al.  
 D340,350 S 10/1993 Kilgore et al.  
 D340,797 S 11/1993 Pallera et al.  
 D341,700 S 11/1993 Avar  
 D343,044 S 1/1994 Kilgore et al.  
 5,313,717 A 5/1994 Allen et al.  
 5,329,705 A 7/1994 Grim et al.  
 D350,013 S 8/1994 Gitelman  
 D350,222 S 9/1994 Hase  
 5,383,290 A 1/1995 Grim  
 D356,438 S 3/1995 Opie et al.  
 D356,885 S 4/1995 Poole, Jr.  
 D362,956 S 10/1995 Martin et al.  
 D365,920 S 1/1996 Schneider  
 D366,955 S 2/1996 Valle  
 D371,896 S 7/1996 McMullin  
 D373,013 S 8/1996 Rosetta  
 5,542,195 A 8/1996 Sessa  
 D373,896 S 9/1996 Parker  
 5,575,088 A 11/1996 Allen et al.  
 5,607,749 A 3/1997 Strumor  
 D378,871 S 4/1997 Hatfield  
 D384,794 S 10/1997 Merceron  
 D386,589 S 11/1997 Cass  
 D386,590 S 11/1997 Cass  
 D386,591 S 11/1997 Kuerbis  
 D387,546 S 12/1997 Pearce  
 D389,991 S 2/1998 Elliott  
 D390,349 S 2/1998 Murai et al.  
 D391,045 S 2/1998 Assous  
 D391,748 S 3/1998 Koh  
 D393,299 S 4/1998 Hunt  
 D395,738 S 7/1998 Hatfield et al.  
 D396,341 S 7/1998 Lozano et al.  
 D397,236 S 8/1998 Wilmot  
 D398,740 S 9/1998 Hewett  
 D398,748 S 9/1998 Hatfield et al.  
 D399,041 S 10/1998 Teague  
 D400,345 S 11/1998 Teague  
 D401,397 S 11/1998 Chen  
 D401,743 S 12/1998 Wunsch  
 D405,595 S 2/1999 Kayano  
 D407,892 S 4/1999 Gaudio  
 D411,579 S 6/1999 Dolinsky  
 D414,920 S 10/1999 Cahill  
 D415,607 S 10/1999 Merceron  
 D415,610 S 10/1999 Cahill  
 D415,876 S 11/1999 Cahill

(56)

## References Cited

## U.S. PATENT DOCUMENTS

D416,669	S	11/1999	Parr et al.	D572,440	S	7/2008	Polegato Moretti
5,996,252	A	12/1999	Cougar	D572,441	S	7/2008	Moretti
D422,780	S	4/2000	Aguerre	D572,442	S	7/2008	Polegato Moretti
D423,199	S	4/2000	Cahill	7,401,420	B2	7/2008	Dojan et al.
D426,053	S	6/2000	Santa	D576,380	S	9/2008	Morris
6,076,283	A	6/2000	Boie	D576,780	S	9/2008	Jolicoeur
D429,874	S	8/2000	Gumbert	D586,090	S	2/2009	Turner et al.
D431,346	S	10/2000	Birkenstock	7,484,318	B2	2/2009	Finkelstein
6,187,837	B1	2/2001	Pearce	D590,140	S	4/2009	Della Valle
D442,767	S	5/2001	Della Valle	D591,494	S	5/2009	Jolicoeur
D444,620	S	7/2001	Della Valle	D591,938	S	5/2009	Beauger
D446,002	S	8/2001	Leong et al.	D595,489	S	7/2009	McClaskie
D446,637	S	8/2001	Patterson et al.	D596,384	S	7/2009	Andersen et al.
D448,544	S	10/2001	Della Valle	7,555,848	B2	7/2009	Aveni et al.
6,314,661	B1	11/2001	Chern	7,556,846	B2	7/2009	Dojan et al.
6,341,432	B1	1/2002	Muller	7,559,107	B2	7/2009	Dojan et al.
D460,852	S	7/2002	Daudier	7,562,469	B2	7/2009	Dojan
6,418,641	B1	7/2002	Schenkel	D597,286	S	8/2009	Della Valle et al.
D461,299	S	8/2002	McClaskie	D597,293	S	8/2009	Banik et al.
D461,947	S	8/2002	Merceron	D599,091	S	9/2009	Della Valle et al.
D469,948	S	2/2003	Lin	D599,993	S	9/2009	Issler
D470,296	S	2/2003	Masullo	D601,333	S	10/2009	McClaskie
D474,330	S	5/2003	McClaskie	D603,151	S	11/2009	Roundhouse
D475,512	S	6/2003	Chen	D604,033	S	11/2009	Feldman
D479,643	S	9/2003	O'Shea et al.	D605,837	S	12/2009	Andersen et al.
D482,851	S	12/2003	McClaskie	D607,190	S	1/2010	McClaskie
D483,932	S	12/2003	Cooper	D608,082	S	1/2010	Lemaster
D485,973	S	2/2004	Adams	D608,997	S	2/2010	Loverin
D489,880	S	5/2004	McClaskie	7,665,230	B2	2/2010	Dojan et al.
D490,223	S	5/2004	McClaskie	D610,788	S	3/2010	Della Valle
D490,233	S	5/2004	Cooper	D611,233	S	3/2010	Della Valle et al.
6,739,074	B2	5/2004	Trommer	7,676,955	B2	3/2010	Dojan et al.
D492,101	S	6/2004	Issler	7,676,956	B2	3/2010	Dojan et al.
D492,475	S	7/2004	Adams	7,703,219	B2	4/2010	Beck
D494,343	S	8/2004	Morris	D616,183	S	5/2010	Skaja
6,782,640	B2	8/2004	Westin	D616,640	S	6/2010	Werman
D495,861	S	9/2004	Georgiou et al.	D617,540	S	6/2010	McClaskie
D496,149	S	9/2004	Belley et al.	D620,695	S	8/2010	McCarthy et al.
6,817,113	B2	11/2004	Pan	D624,291	S	9/2010	Henderson
6,848,200	B1	2/2005	Westin	D625,499	S	10/2010	Della Valle et al.
D506,305	S	6/2005	Link	7,805,859	B2	10/2010	Finkelstein
D509,649	S	9/2005	McClaskie	D626,321	S	11/2010	Cagner
6,948,264	B1	9/2005	Lyden	7,841,108	B2	11/2010	Johnson et al.
6,957,504	B2	10/2005	Morris	D629,185	S	12/2010	Vico et al.
D511,037	S	11/2005	Della Valle	D631,237	S	1/2011	Genuin et al.
D511,610	S	11/2005	Della Valle	D631,646	S	2/2011	Muller
D512,208	S	12/2005	Kubo et al.	D633,286	S	3/2011	Skaja
D513,836	S	1/2006	Magro et al.	D633,287	S	3/2011	Skaja
D515,297	S	2/2006	Acheson	D636,156	S	4/2011	Della Valle et al.
D522,740	S	6/2006	Dojan et al.	D636,571	S	4/2011	Avar
7,086,179	B2	8/2006	Dojan et al.	D637,803	S	5/2011	Alvear et al.
7,086,180	B2	8/2006	Dojan et al.	D639,036	S	6/2011	Delavaldene et al.
7,100,310	B2	9/2006	Foxen et al.	D639,535	S	6/2011	Eggert et al.
D532,599	S	11/2006	Dojan et al.	8,079,159	B1	12/2011	Rosa
D532,600	S	11/2006	Dojan et al.	D661,073	S	6/2012	Della Valle et al.
7,141,131	B2	11/2006	Foxen et al.	D663,516	S	7/2012	Della Valle et al.
D534,345	S	1/2007	Dojan et al.	D668,845	S	10/2012	Huynh
D538,017	S	3/2007	McClaskie	D668,858	S	10/2012	Shaffer
D539,517	S	4/2007	Issler	D671,305	S	11/2012	Escobar
D540,517	S	4/2007	McClaskie	D671,306	S	11/2012	Tzenos
D547,541	S	7/2007	Schindler et al.	8,302,233	B2	11/2012	Spanks et al.
D548,435	S	8/2007	McClaskie	D674,171	S	1/2013	Bramani et al.
D549,934	S	9/2007	Horne et al.	D680,710	S	4/2013	Sundberg
D551,831	S	10/2007	Romero-Sanchez	D683,119	S	5/2013	Shyllon
D551,833	S	10/2007	Feller	D690,490	S	10/2013	Riddell
D553,332	S	10/2007	McClaskie	D693,553	S	11/2013	McClaskie
D556,982	S	12/2007	Harper et al.	D694,501	S	12/2013	Miner
D560,883	S	2/2008	McClaskie	D696,501	S	12/2013	Miner
D561,433	S	2/2008	McClaskie	D696,502	S	12/2013	Miner
D564,736	S	3/2008	Belley et al.	D696,503	S	12/2013	Miner
D566,934	S	4/2008	Della Valle	D697,297	S	1/2014	McClaskie
D568,035	S	5/2008	McClaskie	8,657,979	B2	2/2014	Dojan et al.
D570,581	S	6/2008	Polegato Moretti	8,671,591	B2	3/2014	Brown
D571,085	S	6/2008	McClaskie	D702,031	S	4/2014	Nakano
D571,987	S	7/2008	Della Valle	D707,934	S	7/2014	Petrie
				D709,680	S	7/2014	Herath
				D711,081	S	8/2014	Miner
				D713,623	S	9/2014	Lo
				D719,327	S	12/2014	Lindner et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

D721,474 S	1/2015	Miner	D809,755 S	2/2018	Stavyseng et al.
D722,220 S	2/2015	Miner	D809,756 S	2/2018	Stavyseng et al.
D722,425 S	2/2015	Cin	D809,761 S	2/2018	Parrett
8,961,844 B2	2/2015	Baghdadi et al.	D810,407 S	2/2018	DeAlmeida
D727,608 S	4/2015	Steven et al.	D811,062 S	2/2018	Teague
9,009,991 B2	4/2015	Sills	9,884,947 B2	2/2018	Prissok et al.
D730,638 S	6/2015	Christensen et al.	D811,714 S	3/2018	Ngene
D731,763 S	6/2015	Solstad	D812,882 S	3/2018	Jenkins et al.
D731,769 S	6/2015	Raysse	D813,508 S	3/2018	Weeks
D734,600 S	7/2015	Gargiulo	9,907,365 B2	3/2018	Downing et al.
D734,930 S	7/2015	Bikowski	9,926,423 B2	3/2018	Baghdadi
9,078,493 B2	7/2015	Bradford	D814,752 S	4/2018	Ormsby
D737,548 S	9/2015	Levy	9,930,928 B2	4/2018	Whiteman et al.
D738,078 S	9/2015	Raysse	D816,958 S	5/2018	Cin et al.
D738,602 S	9/2015	Qin	9,961,961 B2	5/2018	Smith
D739,131 S	9/2015	Del Biondi	9,968,157 B2	5/2018	Wardlaw et al.
D739,132 S	9/2015	Del Biondi	D819,307 S	6/2018	Wurtz
9,125,454 B2	9/2015	De Roode et al.	D819,310 S *	6/2018	Lashmore ..... D2/947
D740,003 S	10/2015	Herath	D819,317 S	6/2018	Wurtz
D740,004 S	10/2015	Hoellmueller et al.	D819,942 S	6/2018	Cin et al.
D746,559 S	1/2016	Besanceney et al.	D823,583 S	7/2018	Petrie
D753,381 S	4/2016	Ostapenko	10,039,342 B2	8/2018	Reinhardt et al.
D756,085 S	5/2016	Spring	D827,258 S	9/2018	Pina
D756,620 S	5/2016	Boys	D828,686 S	9/2018	Hoellmueller et al.
D758,056 S	6/2016	Galway et al.	D828,984 S	9/2018	Gibson
D759,358 S	6/2016	Cullen	D831,315 S	10/2018	Mahoney
D765,361 S	9/2016	Johnsongriffin	D831,317 S	10/2018	Jenkins et al.
D765,362 S	9/2016	Kuerbis	10,098,411 B2	10/2018	Hoffer et al.
D767,263 S	9/2016	Reiser	10,098,412 B2	10/2018	Hoffer et al.
D773,161 S	12/2016	Teteriatnikov	D833,129 S	11/2018	Fudalik
D773,790 S	12/2016	Raysse	D834,801 S	12/2018	Ceniceros
D773,791 S	12/2016	Raysse	10,149,512 B1	12/2018	Wurtz
D776,410 S	1/2017	Galway et al.	D836,892 S	1/2019	Jenkins et al.
D781,543 S	3/2017	Raysse	D836,893 S	1/2019	Bischoff et al.
D782,793 S	4/2017	Truelsen	D840,135 S	2/2019	Dombrow
D783,247 S	4/2017	McMillan	D840,136 S	2/2019	Herath et al.
D783,974 S	4/2017	McMillan	D840,137 S	2/2019	Herath et al.
9,610,746 B2	4/2017	Wardlaw et al.	10,226,099 B2	3/2019	Bischoff
D790,172 S	6/2017	Hatfield	10,227,467 B2	3/2019	Baghdadi
D790,179 S	6/2017	McMillan	D844,952 S	4/2019	Taylor
D790,181 S	6/2017	Parrett	D844,953 S *	4/2019	Chen ..... D2/947
9,682,522 B2	6/2017	Baghdadi et al.	D846,255 S	4/2019	Khalife
D790,817 S	7/2017	Perkins et al.	D846,256 S	4/2019	Khalife
D791,452 S	7/2017	Dombrow	10,259,183 B2	4/2019	Wardlaw et al.
D792,067 S	7/2017	Raysse	D847,475 S	5/2019	Khalife
D793,053 S	8/2017	Cin	D847,480 S	5/2019	Khalife
D793,680 S	8/2017	Lee	D848,715 S	5/2019	Holmes
D793,687 S	8/2017	Cin	D849,382 S	5/2019	Jenkins et al.
D793,688 S	8/2017	Avar et al.	10,279,581 B2	5/2019	Ashcroft et al.
D794,289 S	8/2017	Kanata	D850,083 S	6/2019	Jenkins et al.
D794,300 S	8/2017	Rosen	D850,766 S	6/2019	Girard et al.
D796,170 S	9/2017	Raysse	D851,889 S	6/2019	Dobson et al.
D796,172 S	9/2017	Henrichot et al.	D852,475 S	7/2019	Hoellmueller
D797,417 S	9/2017	Lee et al.	D852,476 S	7/2019	Hartmann
D797,418 S	9/2017	Lee et al.	D853,099 S	7/2019	Parrett
D797,420 S	9/2017	Nykreim	D853,690 S	7/2019	Taylor
D798,553 S	10/2017	Lee	D853,691 S	7/2019	Coonrod et al.
D799,178 S	10/2017	James	D853,699 S	7/2019	Coonrod et al.
D799,183 S	10/2017	Weeks	D854,288 S	7/2019	Raasch
D800,433 S	10/2017	Kuerbis	D854,294 S	7/2019	McMillan
D801,011 S	10/2017	Del Biondi et al.	D854,296 S	7/2019	Hardman
D801,015 S	10/2017	Gibson	D854,297 S	7/2019	Hardman
9,775,769 B2	10/2017	Brown et al.	D854,298 S	7/2019	Nethongkome
9,781,970 B2	10/2017	Wardlaw et al.	D855,297 S	8/2019	Motoki
9,781,974 B2	10/2017	Reinhardt et al.	D855,953 S	8/2019	Girard et al.
9,788,598 B2	10/2017	Reinhardt et al.	D856,650 S	8/2019	Schultze
9,788,606 B2	10/2017	Reinhardt et al.	D857,360 S	8/2019	Hardy
9,795,186 B2	10/2017	Reinhardt et al.	D858,051 S	9/2019	Mace
D801,653 S	11/2017	Small	D858,960 S	9/2019	Mace
D802,261 S	11/2017	Stillwagon	D858,961 S	9/2019	Mace
D802,270 S	11/2017	Kirschner	D859,801 S	9/2019	Jenkins et al.
9,820,528 B2	11/2017	Reinhardt et al.	D860,616 S	9/2019	Cran
D805,745 S	12/2017	Link	D862,051 S *	10/2019	Goussev ..... D2/947
9,849,645 B2	12/2017	Wardlaw et al.	D864,540 S	10/2019	Rosen
D808,143 S	1/2018	Negri	D866,137 S	11/2019	Kanata
			D866,144 S	11/2019	Kanata
			D867,734 S	11/2019	Dieudonne
			D867,737 S	11/2019	Kanata
			D868,440 S	12/2019	Dieudonne

(56)

## References Cited

## U.S. PATENT DOCUMENTS

D869,833	S	12/2019	Hartmann	2008/0066341	A1	3/2008	Hottinger
D870,433	S	12/2019	Hartmann	2008/0110053	A1	5/2008	Dominguez et al.
D871,731	S	1/2020	Behr	2008/0148599	A1	6/2008	Collins
D871,732	S	1/2020	Behr	2008/0307679	A1	12/2008	Chiang et al.
D872,436	S	1/2020	Matthews	2009/0013558	A1	1/2009	Hazenberg et al.
D872,437	S	1/2020	Matthews	2010/0005684	A1	1/2010	Nishiwaki et al.
D872,438	S	1/2020	Matthews	2010/0242309	A1	9/2010	McCann
D873,545	S	1/2020	Hartmann	2011/0099845	A1	5/2011	Miller
D874,098	S	2/2020	Hartmann	2011/0252670	A1	10/2011	Smith
D874,099	S	2/2020	Hartmann	2012/0005920	A1	1/2012	Alvear et al.
D874,107	S	2/2020	Girard	2012/0023784	A1	2/2012	Goldston et al.
D874,801	S	2/2020	Hartmann	2012/0186107	A1	7/2012	Crary et al.
D875,358	S	2/2020	Vella	2012/0204451	A1	8/2012	De Roode et al.
D875,360	S	2/2020	Vella	2012/0210602	A1	8/2012	Brown
D875,361	S	2/2020	Girard	2013/0145653	A1	6/2013	Bradford
D875,362	S	2/2020	Girard	2012/0204451	A1	8/2012	Brown
D875,383	S	2/2020	Mace	2013/0227858	A1	9/2013	James
D876,052	S	2/2020	Hartmann	2013/0247415	A1	9/2013	Kohatsu
D876,055	S	2/2020	Hartmann	2013/0291409	A1	11/2013	Reinhardt et al.
D876,063	S	2/2020	Matthews	2014/0151918	A1	6/2014	Hartmann
D876,069	S	2/2020	Mace	2014/0223776	A1	8/2014	Wardlaw et al.
D876,757	S	3/2020	Hartmann	2014/0223777	A1	8/2014	Whiteman et al.
D876,776	S	3/2020	Matthews	2015/0096203	A1	4/2015	Brown et al.
D876,791	S	3/2020	Gridley	2015/0196085	A1	7/2015	Westmoreland et al.
D877,465	S	3/2020	Hartmann	2015/0351493	A1	12/2015	Ashcroft et al.
D877,466	S	3/2020	Hartmann	2016/0007676	A1	1/2016	Leimer et al.
D877,468	S	3/2020	Reyes	2016/0037859	A1	2/2016	Smith et al.
D878,015	S	3/2020	Hartmann et al.	2016/0044992	A1	2/2016	Reinhardt et al.
D878,021	S	3/2020	Mace	2016/0150855	A1	6/2016	Peyton
D878,025	S	3/2020	Hartmann	2016/0227876	A1	8/2016	Le et al.
D879,424	S	3/2020	Hartmann et al.	2016/0278481	A1	9/2016	Le et al.
D879,430	S	3/2020	Gerig	2016/0295955	A1	10/2016	Wardlaw et al.
D880,126	S *	4/2020	Powers	2016/0374428	A1	12/2016	Kormann et al.
D880,822	S *	4/2020	Hartmann	2017/0006958	A1	1/2017	Jeong
D880,825	S	4/2020	Garcia	2017/0020228	A1	1/2017	Scotfield et al.
D882,219	S	4/2020	Hartmann	2017/0253710	A1	9/2017	Smith et al.
D882,222	S *	4/2020	Garcia	2017/0259474	A1	9/2017	Holmes et al.
D882,227	S	4/2020	Braun et al.	2017/0303635	A1	10/2017	Kazarian
D883,620	S *	5/2020	Gridley	2017/0341325	A1	11/2017	Le et al.
D883,621	S *	5/2020	Garcia	2017/0354568	A1	12/2017	Brown et al.
D885,719	S *	6/2020	Garcia	2018/0000197	A1	1/2018	Wardlaw et al.
D885,721	S *	6/2020	Williams	2018/0035755	A1	2/2018	Reinhardt et al.
D885,722	S *	6/2020	Le	2018/0055144	A1	3/2018	Bischoff
D885,724	S *	6/2020	Girard	2018/0064210	A1	3/2018	Turner et al.
D887,112	S *	6/2020	Mace	2018/0077997	A1	3/2018	Hoffer et al.
D887,113	S *	6/2020	Girard	2018/0092432	A1	4/2018	Hoffer et al.
D887,691	S *	6/2020	Vella	2018/0100049	A1	4/2018	Prissok et al.
D887,693	S *	6/2020	Hartmann	2018/0103719	A1	4/2018	Chen
D889,788	S *	7/2020	Yoshinaga	2018/0103725	A1	4/2018	Chen
D889,789	S	7/2020	Jenkins et al.	2018/0132487	A1	5/2018	Kormann et al.
D889,815	S *	7/2020	Mace	2018/0153264	A1	6/2018	Amos et al.
D890,485	S	7/2020	Perrault et al.	2018/0154598	A1	6/2018	Kurtz et al.
D890,496	S *	7/2020	Le	2018/0168281	A1	6/2018	Case et al.
D890,497	S *	7/2020	Vella	2018/0199667	A1	7/2018	Wang
D891,051	S *	7/2020	Smith	2018/0206591	A1	7/2018	Whiteman et al.
D891,053	S *	7/2020	Dance	2018/0206599	A1	7/2018	Amos et al.
D891,054	S *	7/2020	Dance	2018/0213886	A1	8/2018	Connell et al.
D891,738	S	8/2020	Garcia	2018/0235310	A1	8/2018	Wardlaw et al.
D892,480	S *	8/2020	Mace	2018/0271211	A1	9/2018	Perrault et al.
D893,838	S *	8/2020	Le	2018/0271213	A1	9/2018	Perrault et al.
D893,843	S *	8/2020	Hartmann	2018/0289108	A1	10/2018	Hoffer et al.
D893,855	S *	8/2020	Gridley	2018/0296821	A1	10/2018	Ho
2003/0046831	A1	3/2003	Westin	2018/0303197	A1 *	10/2018	Chen
2003/0115691	A1	6/2003	Mukherjee et al.	2018/0303198	A1	10/2018	Reinhardt et al.
2003/0208925	A1	11/2003	Pan	2018/0317591	A1	11/2018	Hollinger
2004/0148805	A1	8/2004	Morris	2018/0317600	A1	11/2018	Campos et al.
2005/0022424	A1	2/2005	Held	2018/0317603	A1	11/2018	Gronlykke
2005/0188562	A1	9/2005	Clarke et al.	2018/0338575	A1	11/2018	Elder et al.
2005/0229431	A1	10/2005	Gerlin	2018/0352900	A1	12/2018	Hartmann et al.
2006/0026863	A1	2/2006	Liu	2019/0029363	A1	1/2019	Lucca
2006/0130363	A1	6/2006	Hollinger	2019/0069633	A1	3/2019	Lucca
2006/0175036	A1	8/2006	Guerrero	2019/0069634	A1	3/2019	Lucca
2006/0277788	A1	12/2006	Fujii	2019/0126580	A1	5/2019	Paulson et al.
2007/0011914	A1	1/2007	Keen et al.	2019/0133251	A1	5/2019	Hartmann et al.
2008/0005936	A1	1/2008	Chiu	2019/0150564	A1	5/2019	Bischoff
				2019/0216167	A1	7/2019	Hoffer et al.
				2019/0216168	A1	7/2019	Hoffer et al.
				2019/0223539	A1	7/2019	Hoffer et al.
				2019/0223550	A1	7/2019	Levy
				2019/0223551	A1	7/2019	Hoffer et al.

(56)

## References Cited

## U.S. PATENT DOCUMENTS

2019/0269200 A1\* 9/2019 Tseng ..... A43B 13/04  
 2019/0283394 A1 9/2019 Ashcroft et al.  
 2020/0008518 A1\* 1/2020 Souyri ..... A43B 13/04  
 2020/0060383 A1 2/2020 Le  
 2020/0077741 A1 3/2020 Hurd  
 2020/0093221 A1\* 3/2020 Caldwell ..... A43B 13/181  
 2020/0107608 A1 4/2020 Uzzeni  
 2020/0170342 A1 6/2020 Uzzeni

## FOREIGN PATENT DOCUMENTS

CN 103717658 A 4/2014  
 DE 102010046278 A1 2/2011  
 DE 102011108744 A1 1/2013  
 EM 001286116-0005 7/2011  
 EM 002219956-0024 4/2013  
 EM 002772764-0015 9/2015  
 EM 003039619-0034 3/2016  
 EM 003330174-0003 3/2016  
 EM 003165984-0005 6/2016  
 EM 003315555-0001 7/2016  
 EM 003316389-0001 7/2016  
 EM 003344076-0002 8/2016  
 EM 003362672-0001 9/2016  
 EM 003522580-0029 12/2016  
 EM 003649060-0005 1/2017  
 EM 003649540-0001 1/2017  
 EM 003718311-0019 1/2017  
 EM 003761089-0028 2/2017  
 EM 003761113-0025 2/2017  
 EM 004352755-0004 9/2017  
 EM 004363935-0008 9/2017  
 EM 004366326-0001 9/2017  
 EM 004386571-0002 10/2017  
 EM 004543882-0008 12/2017  
 EM 004675411-0006 1/2018  
 EM 004812501-0004 3/2018  
 EM 005841939-0004 3/2018  
 EM 005191004-0010 4/2018  
 EM 005243227-0002 4/2018  
 EM 005260023-0003 5/2018  
 EM 005278413-0002 5/2018  
 EM 005320371-0002 6/2018  
 EM 005612025-0001 8/2018  
 EM 006335345-0003 3/2019  
 EP 0383685 A1 8/1990  
 EP 1979401 B1 9/2010  
 EP 2649896 A2 10/2013  
 EP 2786670 A1 10/2014  
 EP 2984956 A1 2/2016  
 EP 3027377 A1 6/2016  
 EP 3041892 A1 7/2016  
 EP 2649896 B1 10/2016  
 EP 3078287 A1 10/2016  
 EP 3114959 A1 1/2017  
 EP 3186306 A1 7/2017  
 EP 2467037 B1 10/2017  
 EP 2872309 B1 11/2017  
 EP 3289907 A1 3/2018  
 EP 3308663 A1 4/2018  
 EP 3338581 A1 6/2018  
 EP 3352607 A1 8/2018  
 EP 3352608 A1 8/2018  
 EP 3352610 A1 8/2018  
 EP 3352611 A1 8/2018  
 EP 3352612 A1 8/2018  
 EP 3352615 A1 8/2018  
 EP 3338984 A3 9/2018  
 EP 3248770 B1 5/2019  
 EP 3476237 A1 5/2019  
 EP 3386334 B1 7/2019  
 FR 2709047 A1 2/1995  
 JP 2000316606 A 11/2000  
 JP 2014151210 A 8/2014  
 WO 9929203 A1 6/1999

WO D101806 A1 1/2001  
 WO 2005066250 A1 7/2005  
 WO 2006066256 A2 6/2006  
 WO 2007024523 A1 3/2007  
 WO 2007082838 A1 7/2007  
 WO 2010010010 A1 1/2010  
 WO 2016030026 A1 3/2016  
 WO 2016030333 A1 3/2016  
 WO 2017053650 A1 3/2017  
 WO 2017053654 A1 3/2017  
 WO 2017053658 A1 3/2017  
 WO 2017053665 A1 3/2017  
 WO 2017053669 A1 3/2017  
 WO 2017053674 A1 3/2017  
 WO 2017/097315 A1 6/2017  
 WO 2018099833 A1 6/2018  
 WO 2018103811 A1 6/2018  
 WO 102274-006 7/2018  
 WO 2018169535 A1 9/2018  
 WO 2018169537 A1 9/2018  
 WO 2018175734 A1 9/2018  
 WO 103418-013 10/2018  
 WO 2019029781 A1 2/2019  
 WO 2019073607 A1 4/2019  
 WO 2019101339 A1 5/2019  
 WO 2019150492 A1 8/2019

## OTHER PUBLICATIONS

Hybrid Astro Men's Running Shoes, Us.Puma.com, [online], [site visited Sep. 8, 2020]. <URL: [https://us.puma.com/en/us/pd/hybrid-astro-mens-running-shoes/192799.html?dwvar\\_192799\\_color=07](https://us.puma.com/en/us/pd/hybrid-astro-mens-running-shoes/192799.html?dwvar_192799_color=07)> (Year: 2020).\*

Adidas Mega Soft Cell, BX Sports's Weblog, Published on Aug. 6, 2010, [online], [site visited Jul. 29, 2019]. <URL: <https://bx97.wordpress.com/2010/08/06/adidas-mega-soft-cell-2/>> (Year: 2010).  
 Small beads for long distances, BASF, Published on Aug 13, 2013, [online], [site visited Aug. 1, 2019]. <URL: [https://www.basf.com/global/documents/en/news-and-media/science-around-us/small-beads-for-long-distances/BASF\\_Science\\_around\\_us\\_Infinergy.pdf](https://www.basf.com/global/documents/en/news-and-media/science-around-us/small-beads-for-long-distances/BASF_Science_around_us_Infinergy.pdf)> (Year: 2013).

Zaleski, Andrew, "Who's Winning the 3D-Printed Shoe Race?" Fortune.com; Published on Dec. 15, 2015 [online]. [site visited Aug. 6, 2019] <URL: <https://fortune.com/2015/12/15/3d-printed-shoe-race/>> (Year 2015), pp. 1-12.

Schlemmer, Zack, "New Balance Trailbuster Fresh Foam Drops in Two Monochrome Colorways," Sneaker News; Published on Apr. 22, 2017 [online] [site visited Aug. 6, 2019] <URL: <https://sneakernews.com/2017/04/22/new-balance-trailbuster-fresh-foam-drops-black-white/>> (Year 2017), pp. 1-8.

International Search Report (with English translation) and Written Opinion issued in International Application No. PCT/EP2015/002456, dated Oct. 25, 2016, 17 pages.

Adidas' FutureCraft Loop Sneaker Talks a Big Recycling Game, Gizmodo, Published on Apr. 17, 2019, 10 pages, [online], [site visited Sep. 5, 2019]. <URL: <https://gizmodo.com/adidas-futurecraft-loop-sneaker-talks-a-big-recycling-1834086618>> (Year: 2019).

Ben Felderstein "Puma to Debut New Jamming Cushion on Nov. 9" © 2007-2019 Sneaker News Inc, Nov. 7, 2017, 7 pages, [online], [site visited Jul. 23, 2019] <URL: <https://sneakernews.com/2017/11/07/puma-jamming-cushion-release-info/>> (Year 2017).

Cruise Down the Streets in the Distinctive Puma Hybrid Runner, RunnersWorld.com, By Amanda Furrer, Jul. 2, 2018, 11 pages, [online], [site visited Jul. 26, 2019]. <URL: <https://www.runnersworld.com/gear/a21987976/puma-hybrid-runner-shoe-review/>> (Year: 2018).

Did Nike Not Get the Memo on Plastic Beads?, Gizmodo, Published on Jul. 25, 2019, 7 pages, [online], [site visited Sep. 5, 2019]. <URL: <https://earth.gizmodo.com/did-nike-not-get-the-memo-on-plastic-beads-1836694806>> (Year: 2019).

Puma Jamming NRGY Shoe Unboxing /Review+ On Feet, YouTube.com, Published on Dec. 21, 2017, 1 page, [online], [site visited Jul. 26, 2019]. <URL: <https://www.youtube.com/watch?v=rpCmRWEdbj8>> (Year: 2017).

(56)

**References Cited**

## OTHER PUBLICATIONS

The beads that move with you, Puma Catch up, Published on Nov. 9, 2017, 6 pages, [online], [site visited Sep. 5, 2019]. <URL: <https://www.puma-catchup.com/jamming-pumas-new-sole-technology-ultimate-comfort/>> (Year: 2017).

The Puma Jamming Introduces New Cushioning Technology, Sneakers-Magazine.com, Posted Nov. 9, 2017, 3 pages, [online], [site visited Jul. 26, 2019]. <URL: <https://sneakers-magazine.com/puma-jamming-nrgy-beads/>> (Year: 2017).

International Search Report for PCT/EP2017/000972, dated Oct. 25, 2017.

First Office Action with First Search issued in corresponding Chinese Application No. 201580085133.6, dated Apr. 13, 2020, 15 pages.

Nike Addresses Joyride Comparisons to Puma's Jamming Tech, SoleCollector.com, By Riley Jones, Aug. 7, 2019, 4 pages, [online], [site visited Sep. 4, 2019]. <URL: <https://solecollector.com/news/2019/08/nike-addresses-joyride-comprisons-puma-jamming/>> (Year: 2019).

Nike Unveils Joyride Running Shoes in Latest Cushioning Experiment, SI.com, By Chris Chavez, Jul. 25, 2019, 5 pages, [online], [site visited Sep. 4, 2019]. <URL: <https://www.si.com/edge/2019/07/25/nike-jpyride-technology-sushioning-beaded-tpe-foam-rubber-details>> (Year: 2019).

Puma Jamming—NRGY Beeds Shoe Review, YouTube.com, Tiffany Beers, Published on Jul. 21, 2018, 1 page, [online], [site visited Sep. 4, 2019]. <URL: <https://www.youtube.com/watch?v=4ZS7NDY0RNc>> (Year: 2018).

Notice of Reasons of Refusal issued in corresponding Japanese Application No. 2018-526089, dated Jun. 30, 2020, 11 pages.

\* cited by examiner

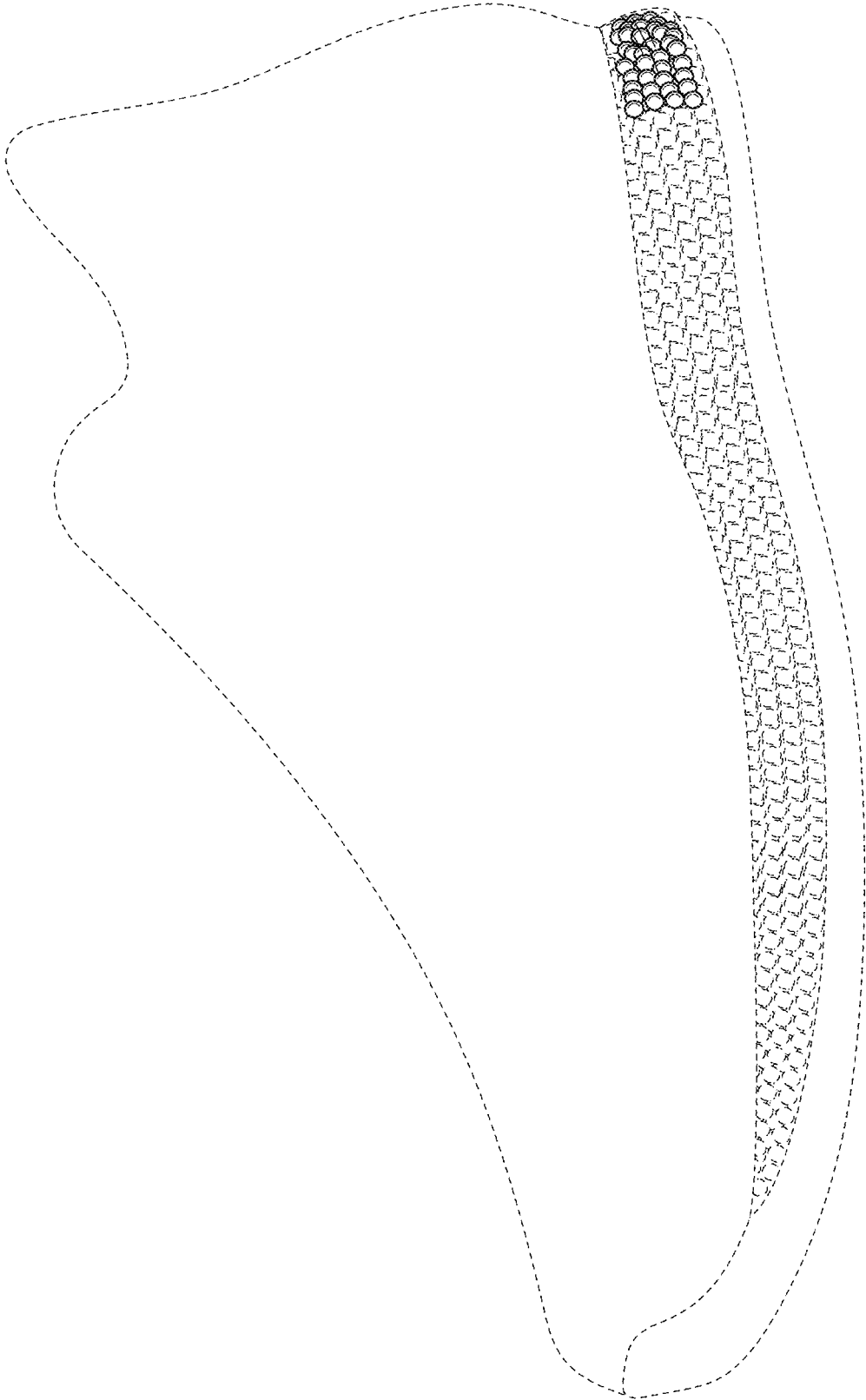


FIG. 1

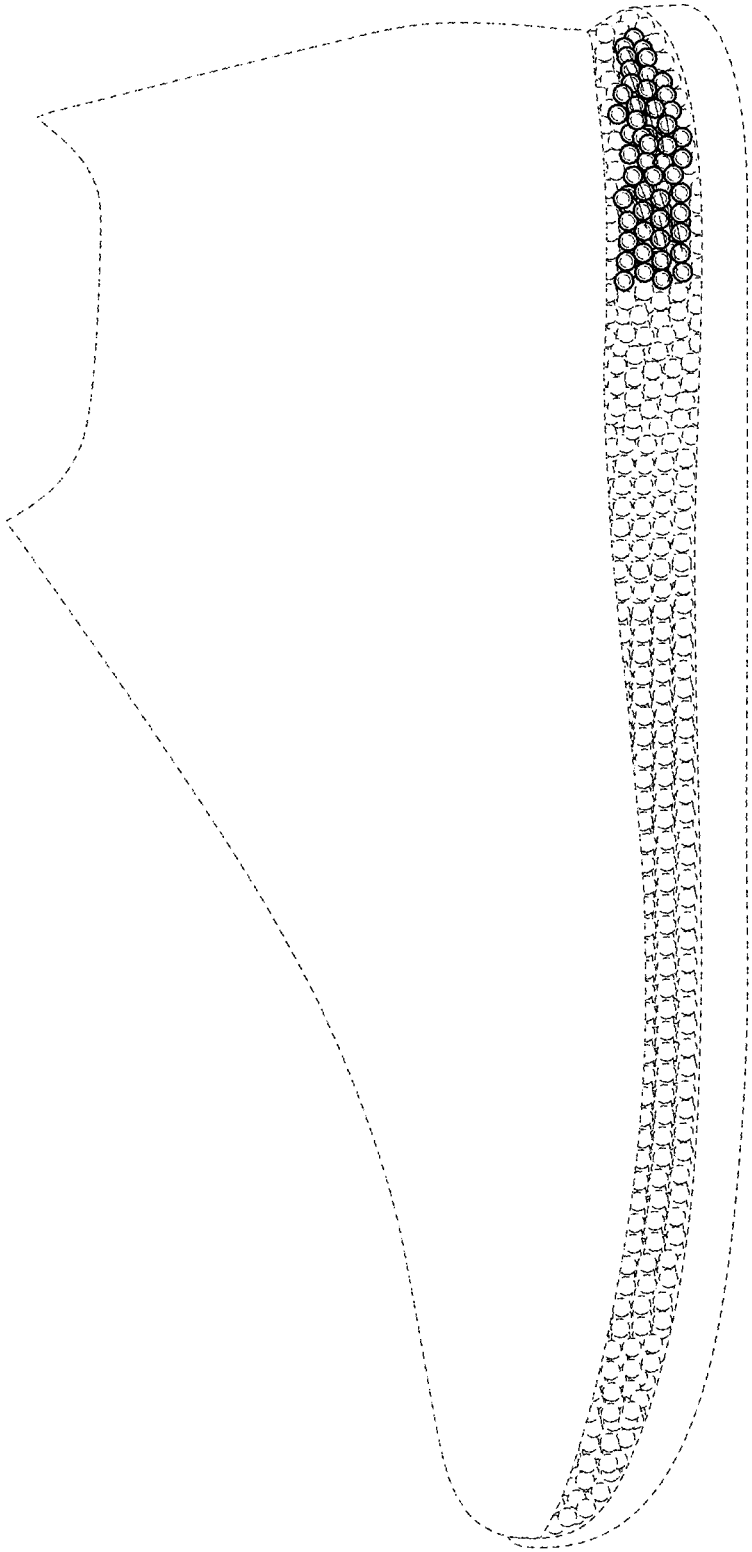


FIG. 2

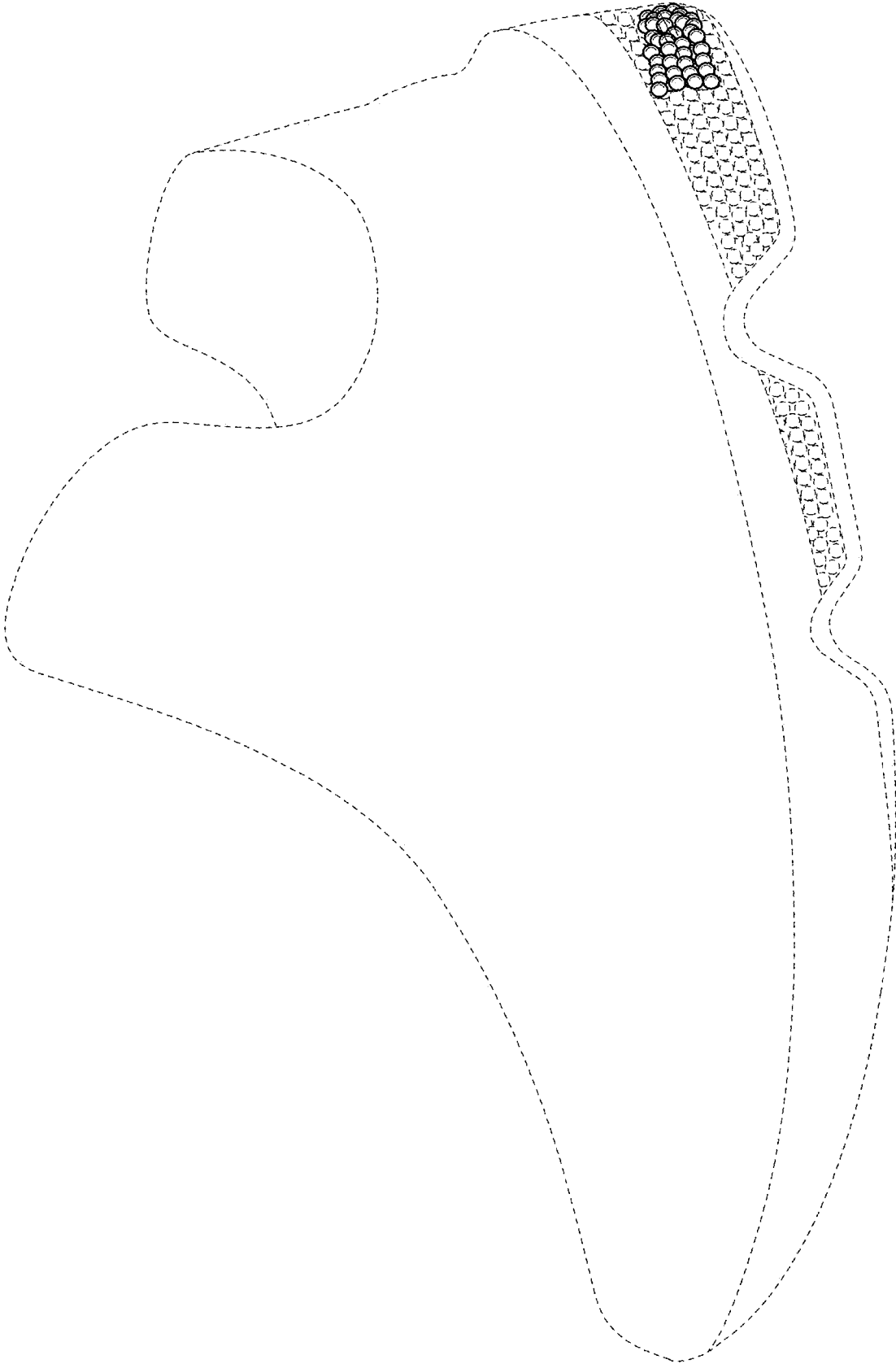


FIG. 3

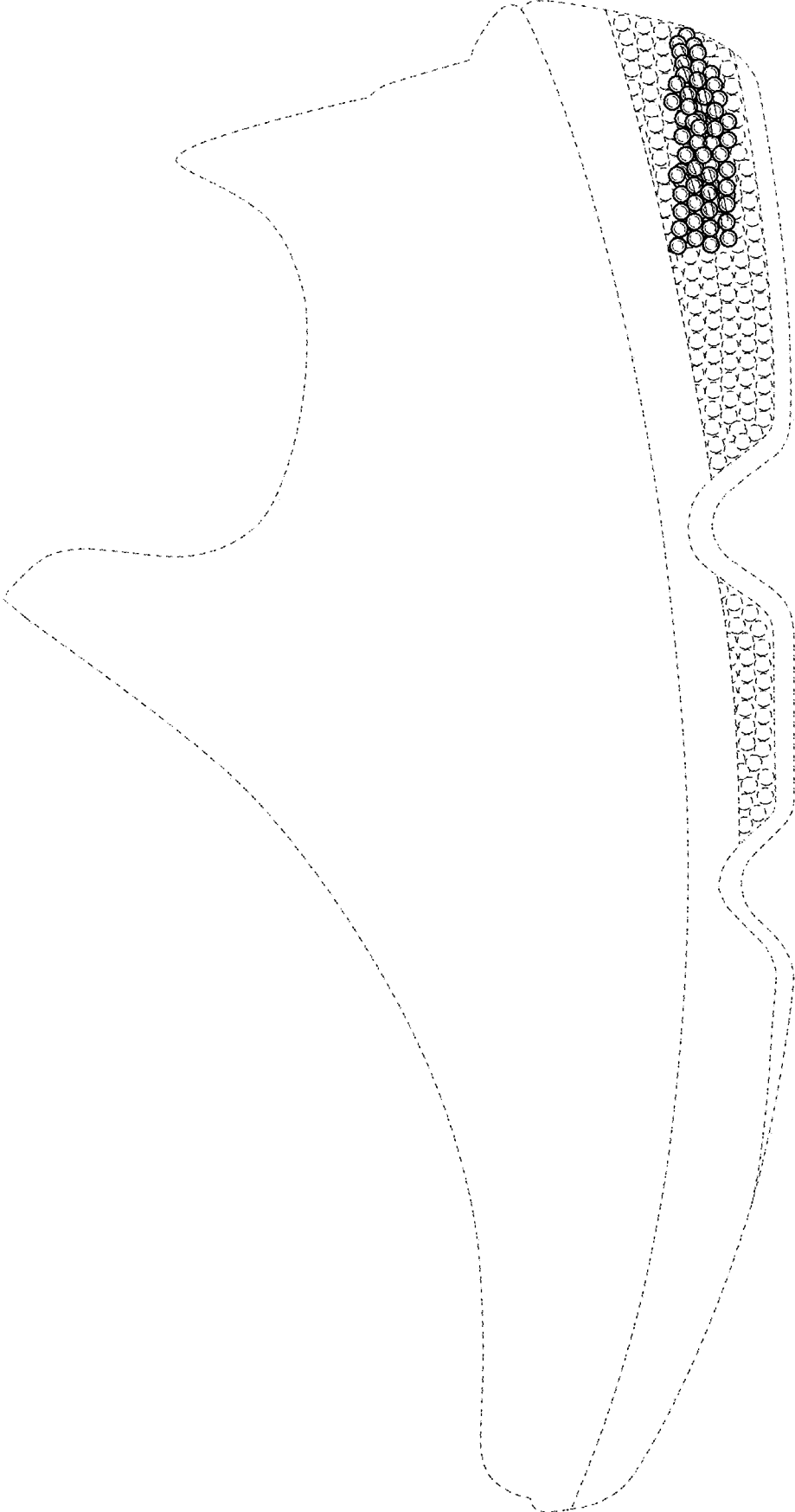


FIG. 4



FIG. 5

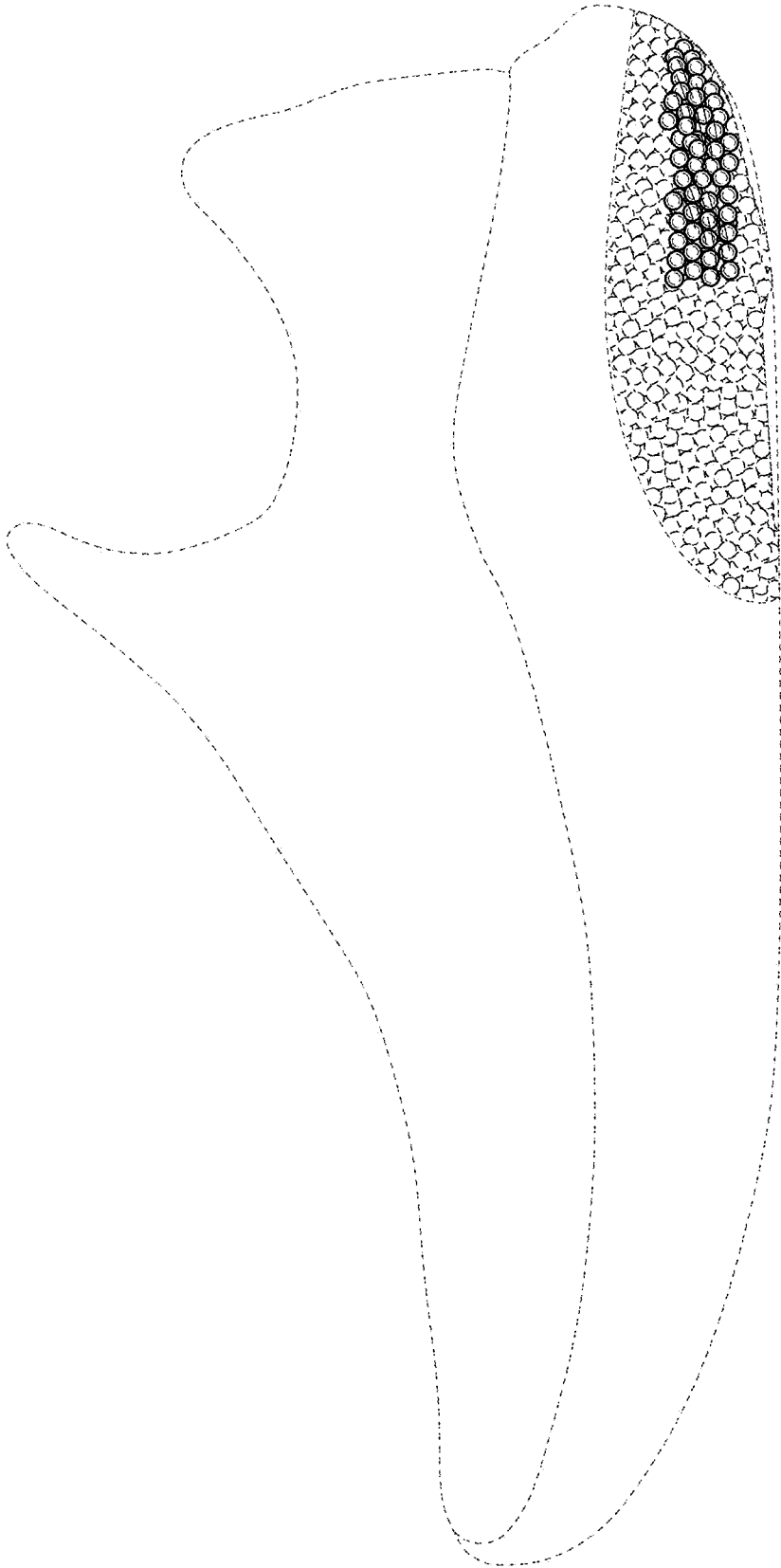


FIG. 6



FIG. 7



FIG. 8