



US00D932164S

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

(10) **Patent No.:** **US D932,164 S**

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- (54) **SHOE SOLE**
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- (72) Inventor: **Sheng-Le Wang**, Taichung (TW)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/716,877**

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(57) **CLAIM**

I claim the ornamental design for a shoe sole, as shown and described.

DESCRIPTION

- (22) Filed: **Dec. 12, 2019**
- (51) **LOC (13) Cl.** **02-04**
- (52) **U.S. Cl.**
USPC **D2/957**; D2/947; D2/951; D2/953;
D2/959; D2/960
- (58) **Field of Classification Search**
USPC D2/902, 906, 908, 916, 918, 925,
D2/946-962, 977; 36/3 B, 22 R, 24.5,
36/25 R, 28, 32 R, 34 R, 59 C, 67 A, 103
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.

FIG. 1 is a perspective view of a first embodiment of a shoe sole;
 FIG. 2 is a front elevational view of the first embodiment thereof;
 FIG. 3 is a rear elevational view of the first embodiment thereof;
 FIG. 4 is a left side elevational view of the first embodiment thereof;
 FIG. 5 is a right side elevational view of the first embodiment thereof;
 FIG. 6 is a top plan view of the first embodiment thereof;
 FIG. 7 is a bottom plan view of the first embodiment thereof;
 FIG. 8 is another perspective view of the first embodiment thereof;
 FIG. 9 is a perspective view of a second embodiment thereof;
 FIG. 10 is a front elevational view of the second embodiment thereof;
 FIG. 11 is a rear elevational view of the second embodiment thereof;
 FIG. 12 is a left side elevational view of the second embodiment thereof;
 FIG. 13 is a right side elevational view of the second embodiment thereof;
 FIG. 14 is a top plan view of the second embodiment thereof;
 FIG. 15 is a bottom plan view of the second embodiment thereof; and,
 FIG. 16 is another perspective view of the second embodiment thereof.

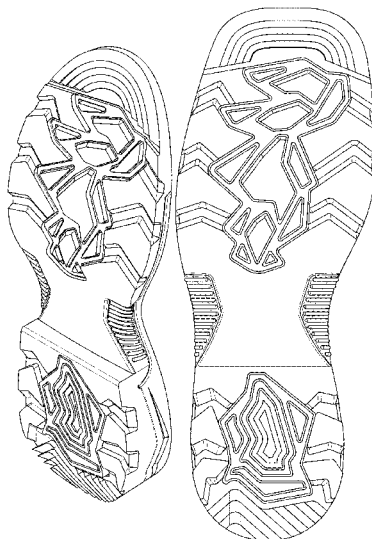
(56) **References Cited**

U.S. PATENT DOCUMENTS

- 256,544 A * 4/1882 Cable A43B 9/12
12/142 R
- D31,294 S * 7/1899 Fuller A43B 21/26
D2/947
- 872,762 A * 12/1907 Shillaber A43B 13/145
36/25 R
- 2,435,668 A * 2/1948 Behringer et al. A43B 13/38
36/34 R

(Continued)

1 Claim, 12 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2,580,840	A *	1/1952	Rogndal	.....	A43B 13/12				
									36/28
D178,700	S *	9/1956	Sandler	.....	D2/953				
D185,289	S *	5/1959	Kadlec	.....	D2/953				
D212,521	S *	10/1968	Horunter	.....	D2/953				
D244,886	S *	7/1977	Perser et al.	.....	D2/953				
D251,757	S *	5/1979	Pelfrey	.....	D2/960				
D284,616	S *	7/1986	Gamm	.....	D2/960				
D342,376	S *	12/1993	James	.....	D2/957				
D348,763	S *	7/1994	Judd et al.	.....	D2/953				
D357,570	S *	4/1995	Parisotto	.....	D2/957				
D399,341	S *	10/1998	Munns	.....	D2/957				
D400,694	S *	11/1998	Kang	.....	D2/916				
D401,740	S *	12/1998	Davis	.....	D2/960				
5,893,219	A *	4/1999	Smith et al.	.....	A43B 23/029				
									36/3 B
D414,019	S *	9/1999	Kang	.....	D2/916				
6,295,742	B1 *	10/2001	Bathum	.....	D2/951				
D498,902	S *	11/2004	Adams	.....	D2/951				
D558,434	S *	1/2008	Roth	.....	D2/959				
D643,190	S *	8/2011	McClaskie	.....	D2/951				
D664,340	S *	7/2012	McClaskie	.....	D2/953				
D664,750	S *	8/2012	McClaskie	.....	D2/951				
D675,003	S *	1/2013	Leon et al.	.....	D2/960				
D682,520	S *	5/2013	Litchfield et al.	.....	D2/955				
D685,983	S *	7/2013	Winskowicz	.....	D2/951				
D709,273	S *	7/2014	Winskowicz	.....	D2/947				
D709,679	S *	7/2014	Winskowicz	.....	D2/947				
D717,527	S *	11/2014	Truelsen	.....	D2/951				
D728,910	S *	5/2015	Hansen	.....	D2/953				
D740,530	S *	10/2015	Truelsen	.....	D2/953				
D845,601	S *	4/2019	Cooper	.....	D2/960				
D853,097	S *	7/2019	Cass et al.	.....	D2/957				
D866,146	S *	11/2019	Cass et al.	.....	D2/957				
D867,735	S *	11/2019	Owens	.....	D2/951				
D874,800	S *	2/2020	Sassi	.....	D2/908				
D876,780	S *	3/2020	Aden	.....	D2/957				
D878,716	S *	3/2020	Sassi	.....	D2/902				
D895,939	S *	9/2020	Sassi	.....	D2/902				
D896,485	S *	9/2020	Williams	.....	D2/947				
D896,488	S *	9/2020	Page	.....	D2/953				
D897,082	S *	9/2020	Belforti	.....	D2/957				
D900,451	S *	11/2020	Jury	.....	D2/960				
D901,866	S *	11/2020	Brunner	.....	D2/960				
D912,380	S *	3/2021	Gerig	.....	A43B 13/145				
									D2/953
D914,342	S *	3/2021	Petrenka	.....	D2/953				
D915,047	S *	4/2021	Troufanov	.....	A43B 9/12				
									D2/953
D915,754	S *	4/2021	Nethongkome	.....	D2/953				
2003/0172548	A1 *	9/2003	Fuerst	.....	A43B 13/12				
									36/28
2005/0262733	A1 *	12/2005	Dean	.....	A43B 13/38				
									36/34 R
2006/0005423	A1 *	1/2006	Wu	.....	A43B 7/081				
									36/3 B
2010/0281711	A1 *	11/2010	Vestuti	.....	A43B 21/26				
									36/28
2015/0327624	A1 *	11/2015	Grott	.....	A43B 5/002				
									36/91

* cited by examiner

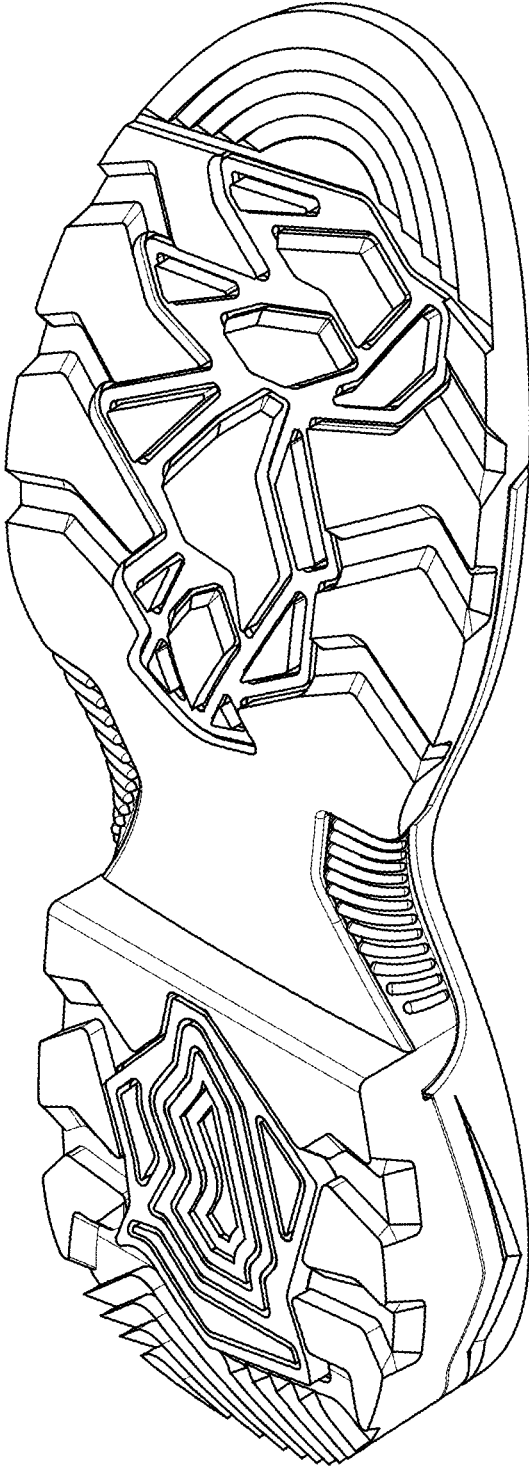


Fig. 1

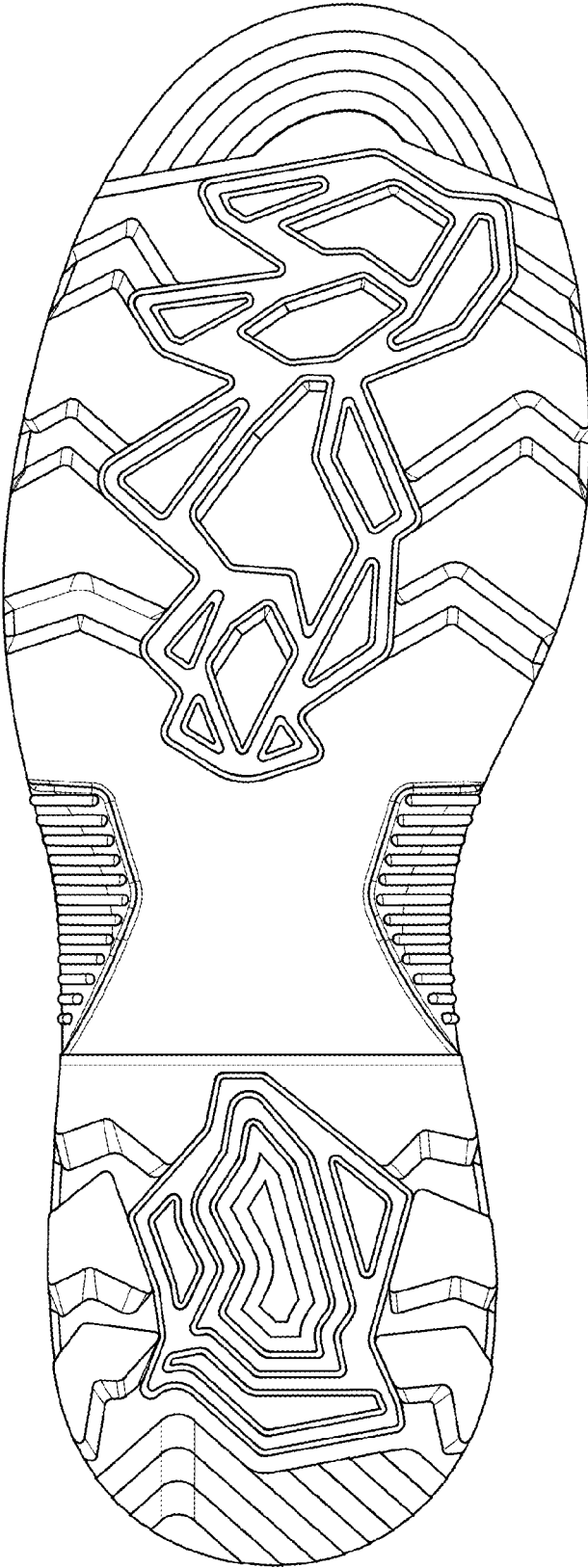


Fig. 2

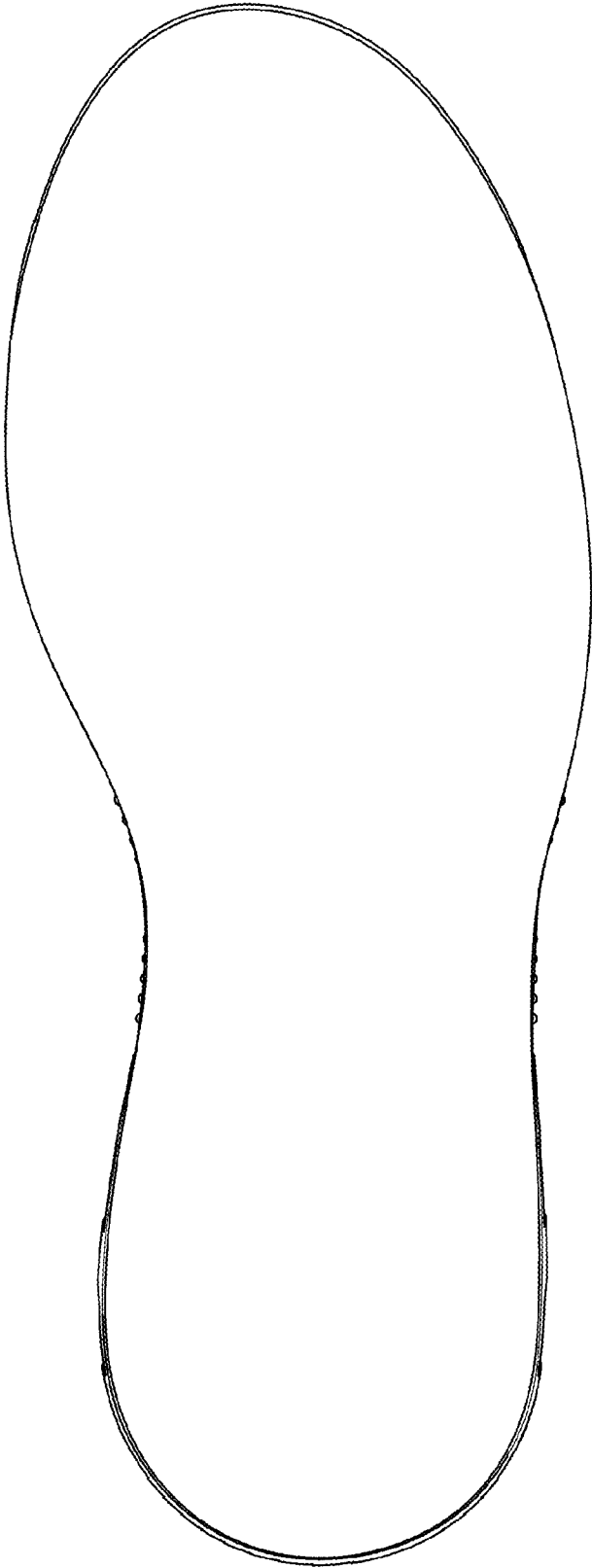


Fig. 3

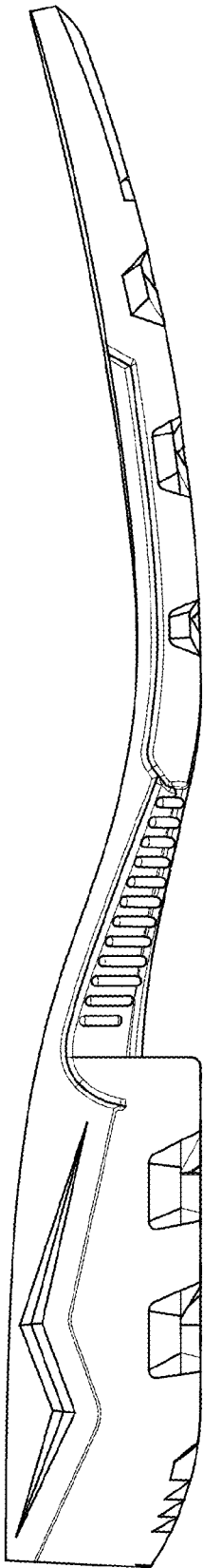


Fig. 4

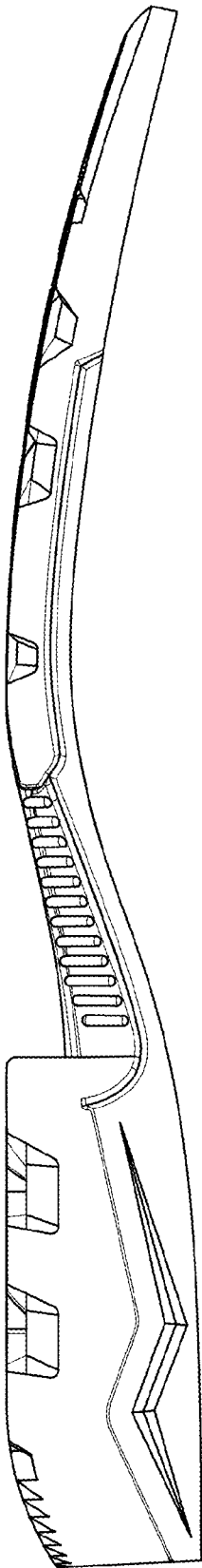


Fig. 5



Fig. 6

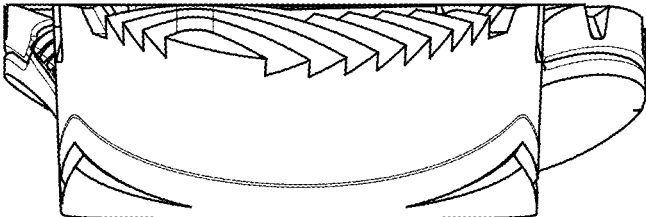


Fig. 7

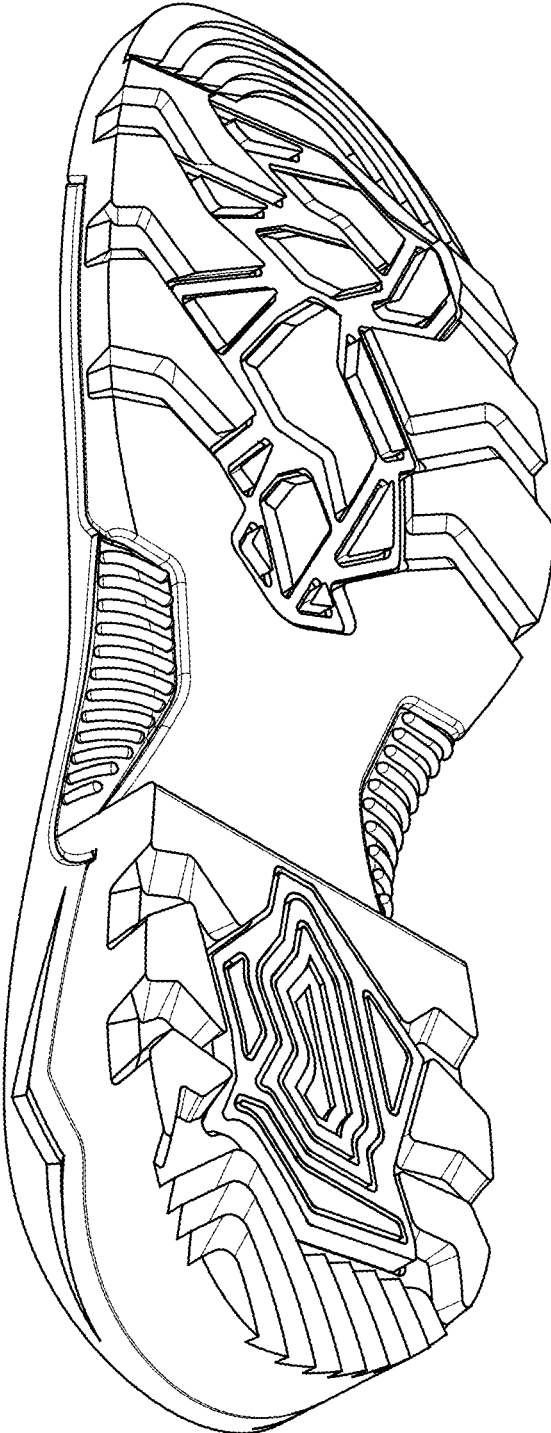


Fig. 8

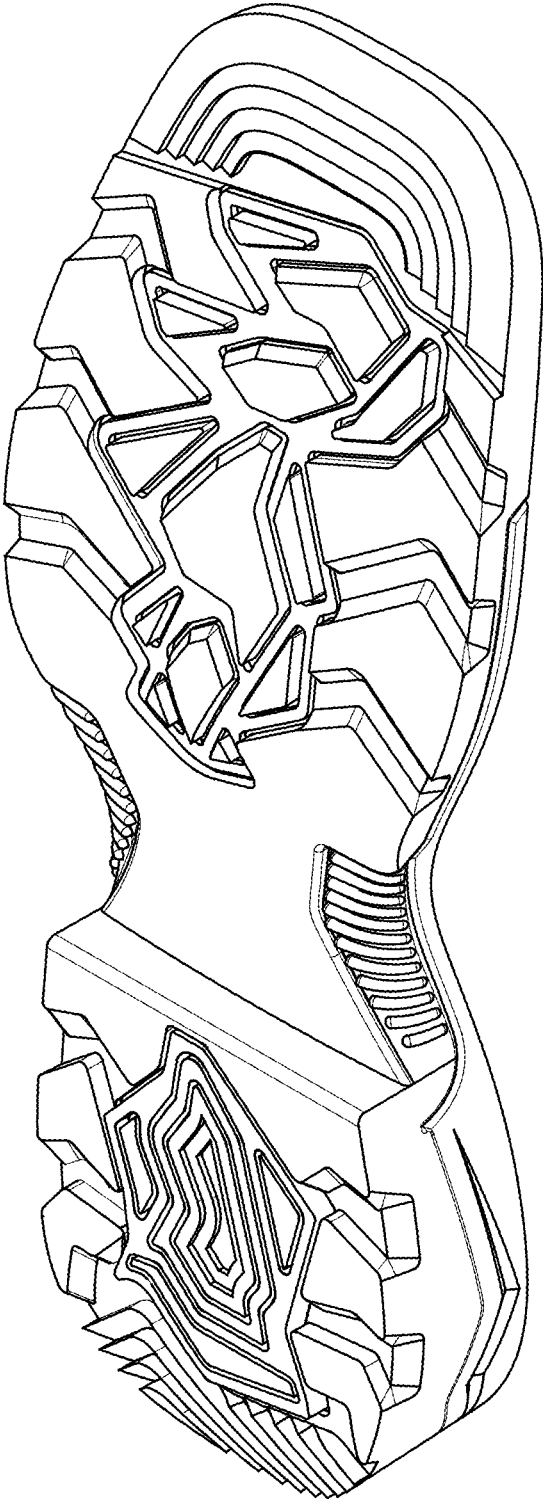


Fig. 9

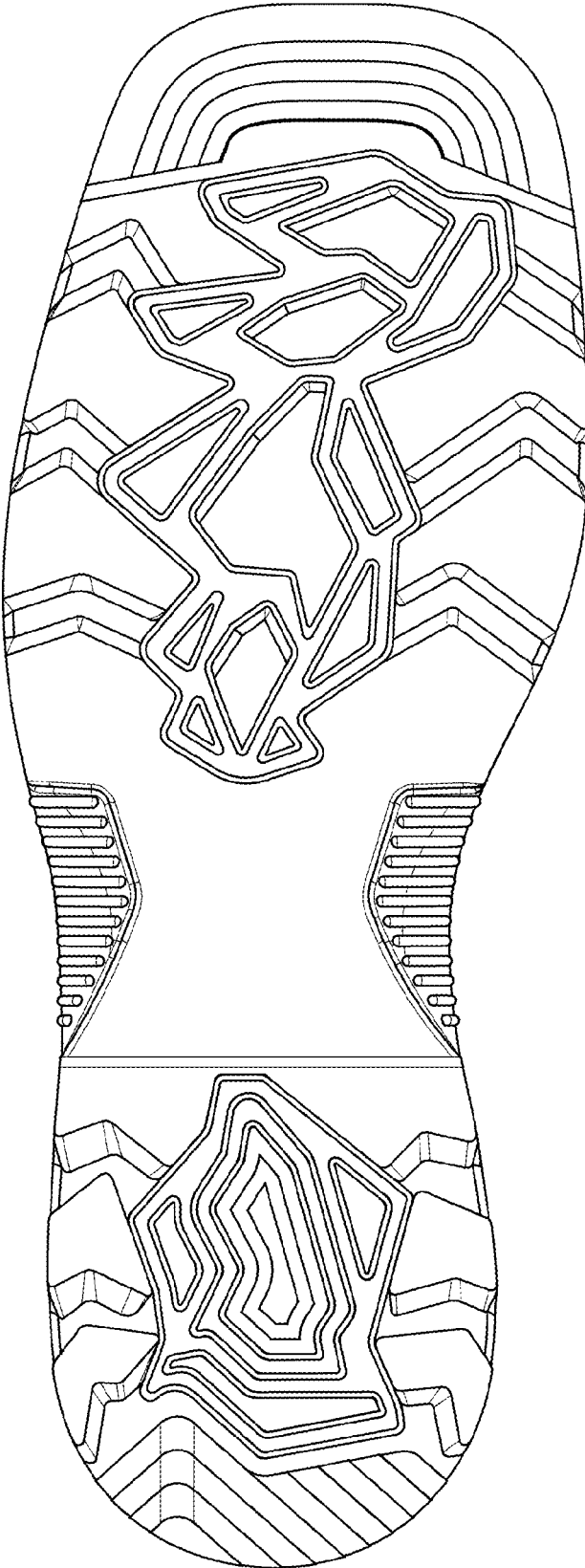


Fig. 10

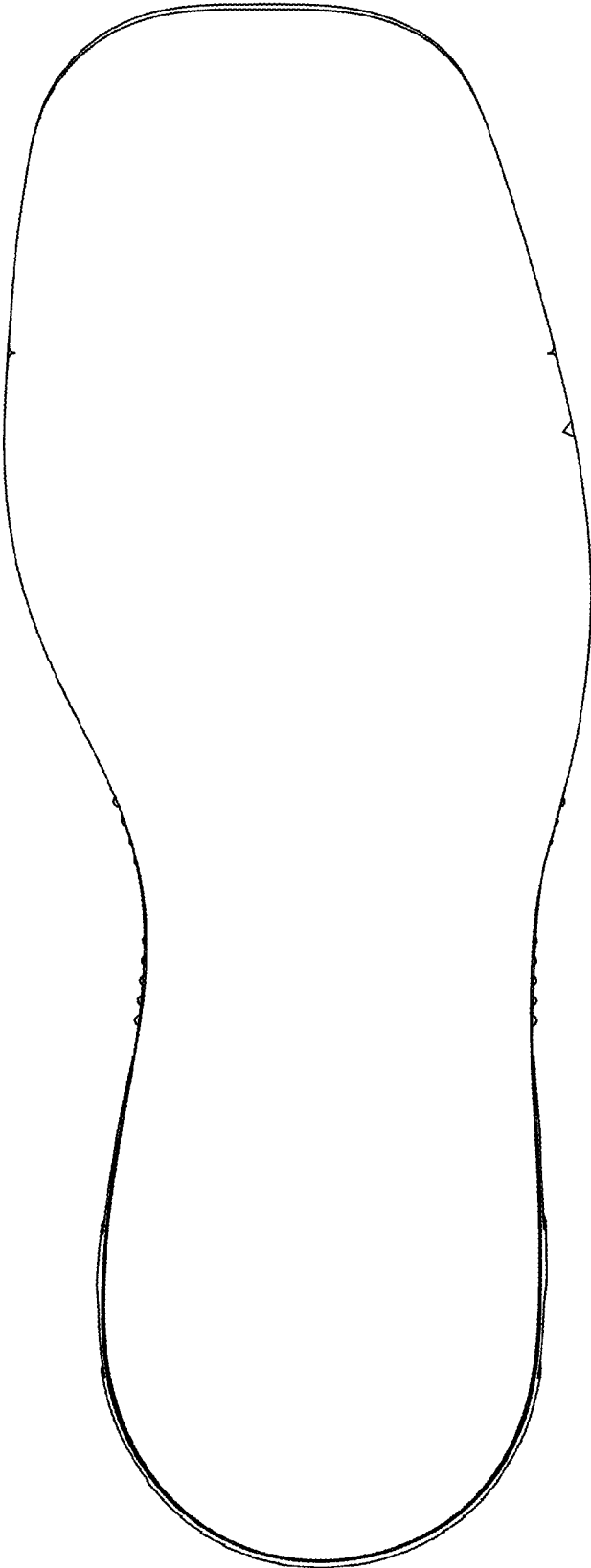


Fig. 11

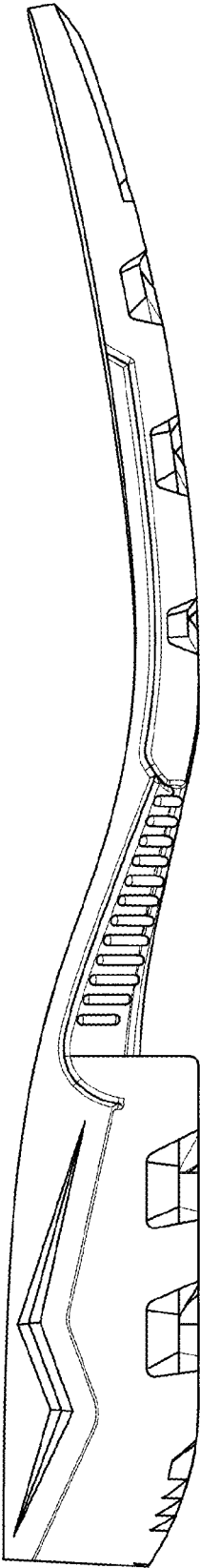


Fig. 12

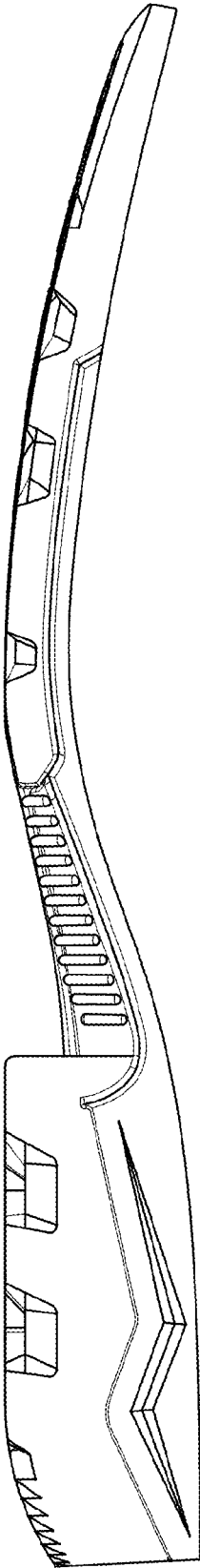


Fig. 13

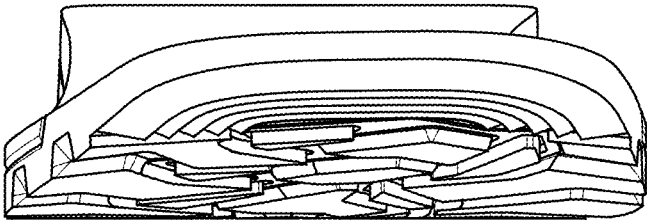


Fig. 14

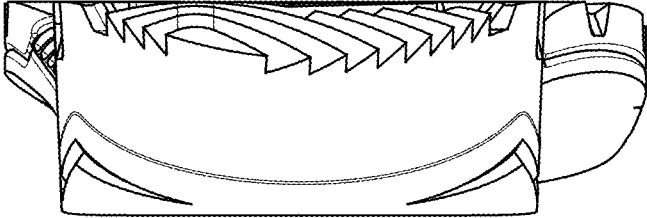


Fig. 15

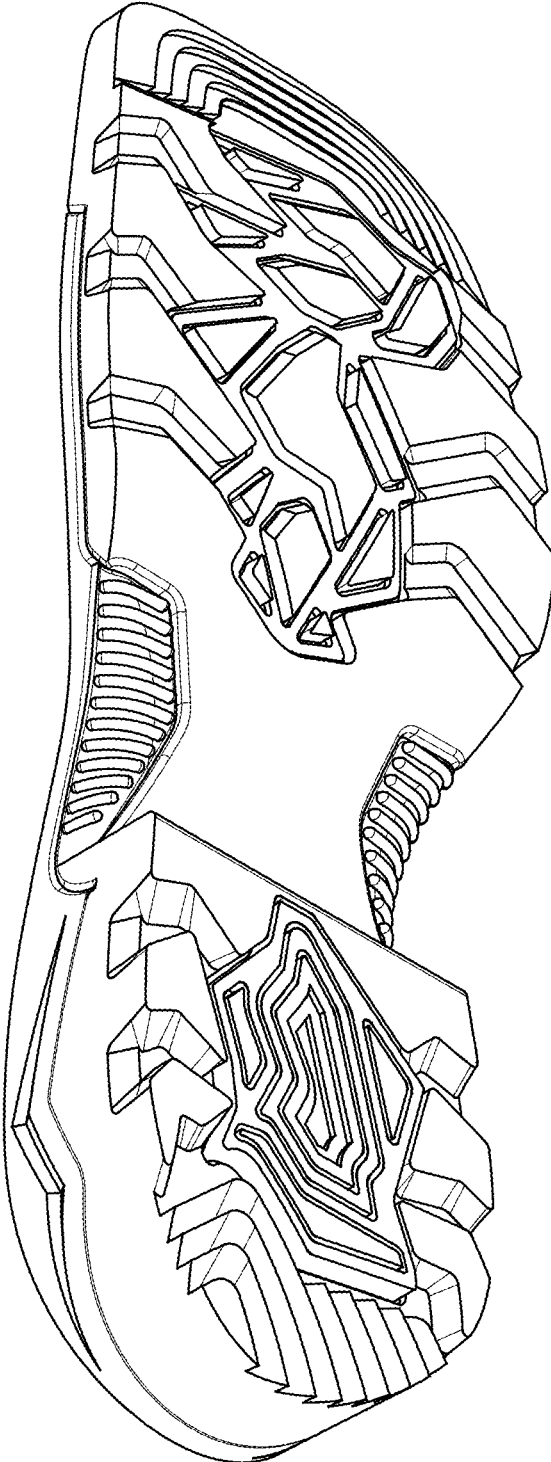


Fig. 16