

6

1

2 1

3 2

4 2

5 2

6 2 4 - 4

7 2 5 - 5

8

9 8

10

11 2

12

13 12

14 12

가

15

16

2 ,

가

가

20%

가
가

가 가

(encapsulated)

가

가가

가

가가

가

가가

가

가

(: , 가 가)

(convolution)

가

가

가

가

가

가 , 가 . 가 가 .
, , 가
, 가
(heel portion,) , 가

가
, 가
(indentation) , 가
, 가

가 , 가 , 가
, 가 , 가
(one - sided mold)
(1) 1 가
, (3) 1 가
1 , 2 가
2 (4)

가
, 가
, 가
, 가
, 가

, 2 가
, 가
, 가 (剛性) , 2가
, 가

가

가

(integral portion)

가

50%

1 2 (1) (2) (3) (4)

(5) (4) (6), (7) (8)

가

(8) 가

(9)

4 - 4 5 - 5 3 4, 5 2

(10) (40) (4) (11) (41)

(12) (13) 가 (12) (13)

(14) (ribbed support member)

(15) (14) (15)

(19) (16) (17) (18)

(18) (19)

가 가 (8) / (21) (20)

[2]

	ASTM		714
	D - 792	gr/cc	1.02
	D - 2240	D	55
	D - 638	MPa	27.2
	D - 638	%	260

가

(Hytrel)

가

[3]

	ASTM		4056	5555HS	G - 4774
	D - 792	gm/cc	1.16	1.16	1.20
	D - 2240	D	40	55	47
	D - 638	MPa	28	40	20.7
	D - 638	%	550	500	275

(Atochem)

(pebax)가

가

[4]

	ASTM		533	4033	3533
	D - 792	gm/cc	1.01	1.01	1.01
	D - 2240	D	55	40	35
	D - 638	MPa	44	36	34
	D - 638	%	455	485	710

(Surllyn)

가

가

()

가 . 가 가
 가 가 가 . 가
 가 가 가 (, 가) 가 .
 가 가 () . , 가
 가 가 . , , ,
 .

, 2 가 2 가
 , 가 . 2 , 3 7
 , 가 . 2 , . ,
 가 , 가 .

(30 31) 2 (34) 11 (32 33) 가 11 , 가
 (38) (37) (36) (38) 가 . (37)
 (37) 가 가
 , 가 0.060 0.080inch 94 (Shore) A 가
 , 400 ° F 20 (trimming) (39)

가 , 가 가
 , 가 , 가
 , ' , (ridge), , ,

가 , 가 가 가
 가 , 2가 가 가
 가 가 , 가

(50)
(52)

(lip)

(lipped rib) (55)

22 25
22

(108)

(106)

(107)

(109)

(109)가

1/8'

1/2'

가

가

가

(load definition curve)

가 ,

가

22

22

(106)

(120)가

가

가

가

가

22

(109)

5

24

(107)

(109)

(117)

(117)

(118)

(107)

25 , (117)
(117)

23 (110, 112)

가 (350 400 °) 가 11 . 2
가 가 가 (120)

24 25 (117, 118)
, (2) , (3) / 24 25 (1)

(117, 118) (: SBR) , A 35 95
가 가

(114) (115) ()
) 가 가 가 (pronation)

(121) (122) (121) (122) 가
, 가 (120) 가

가

가

가

(57)

1.

(a) 1 가 ,

(b) 1 1 2 가

(c) 1 2 1 2 ,

1 2 가 (recess) 가

2.

1 가 , 1 가 2 ,

3.

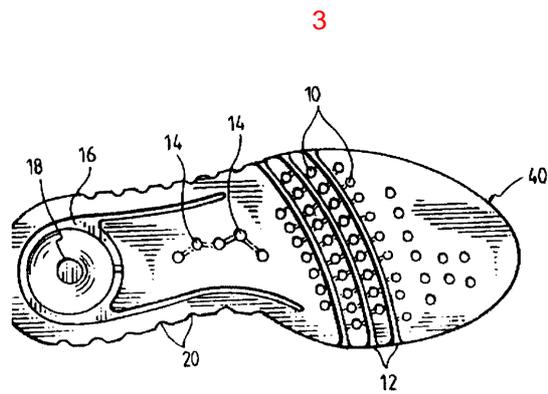
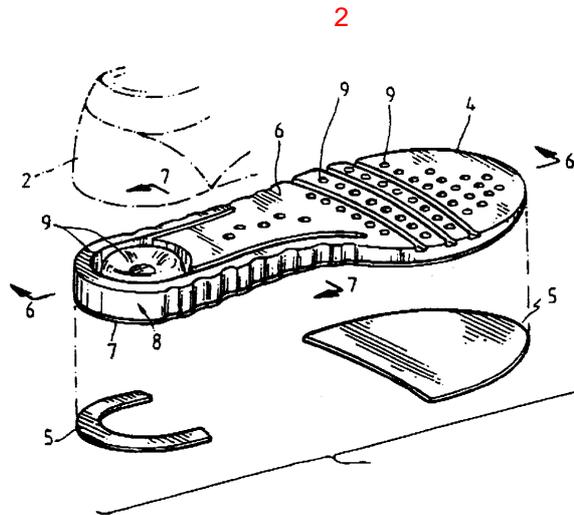
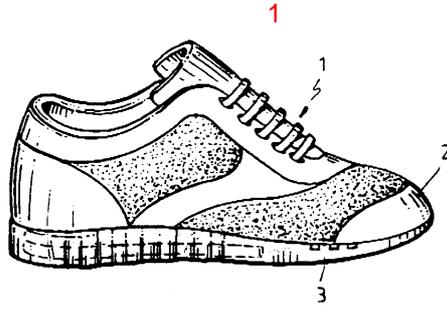
1 , 1 2 .

4.

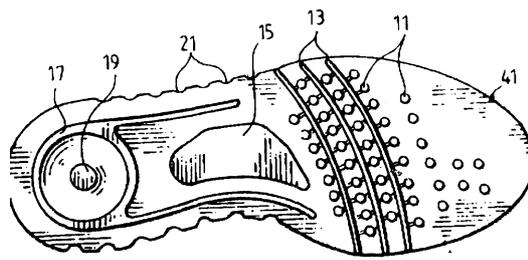
1 , 1 2 가 1 가 2

5.

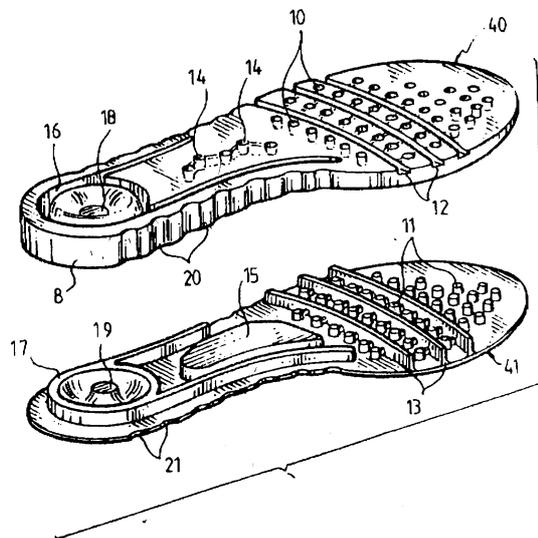
1 , 1 2 가



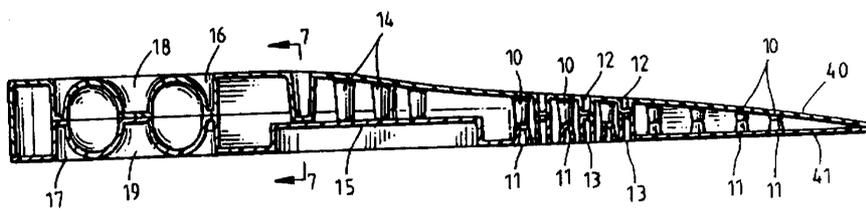
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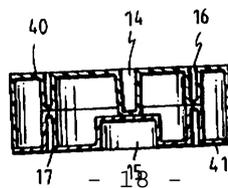
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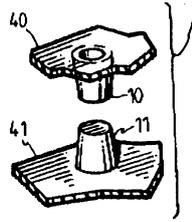
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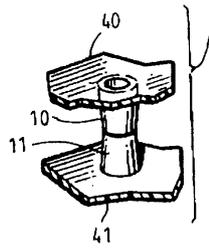
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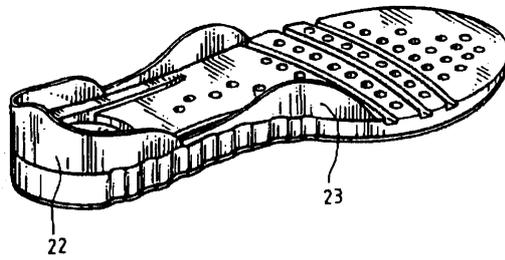
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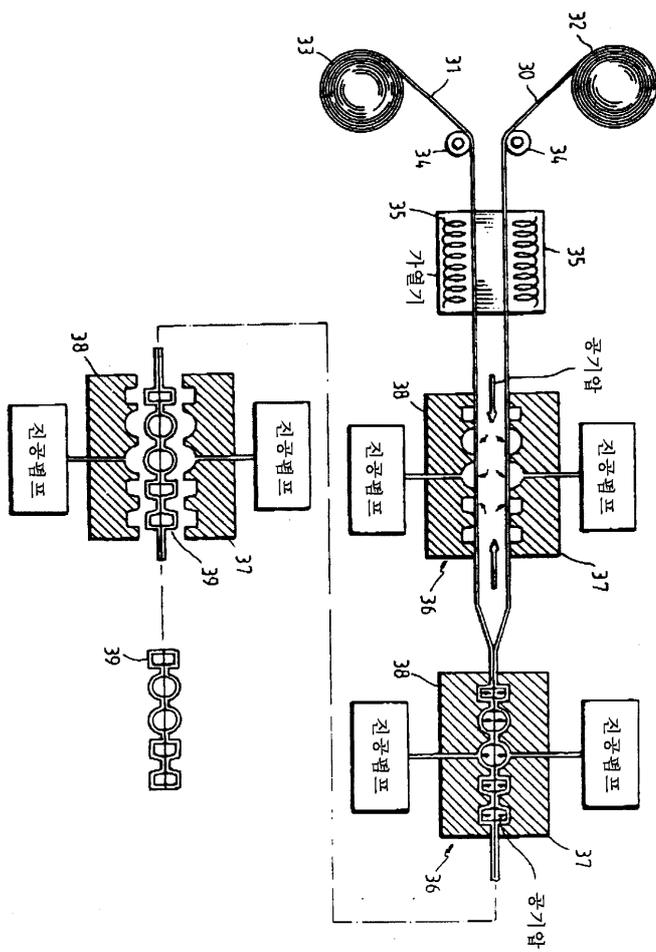


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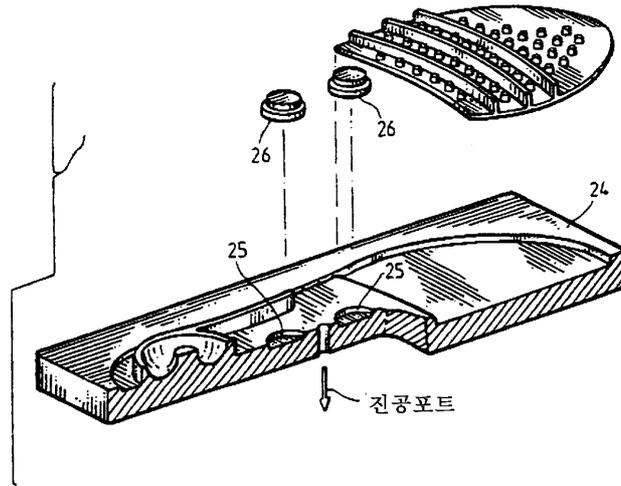


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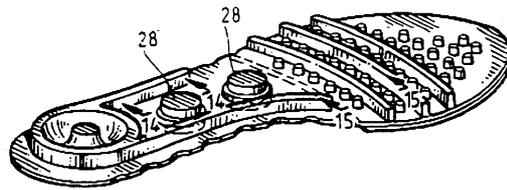




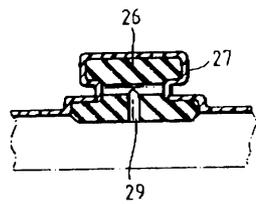
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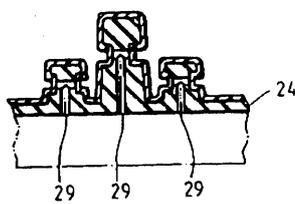
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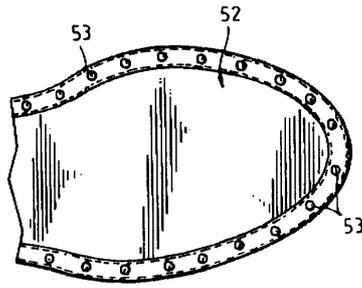
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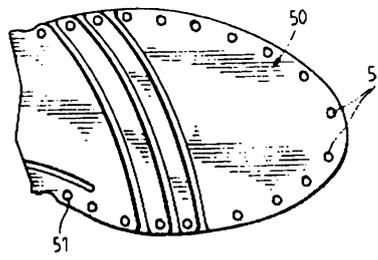
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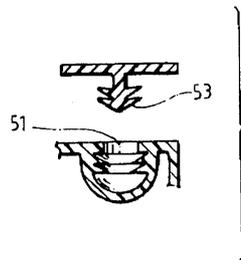
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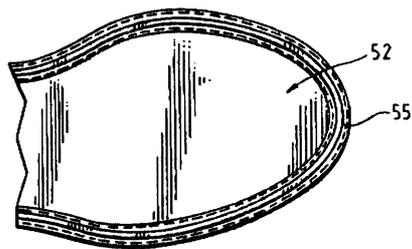
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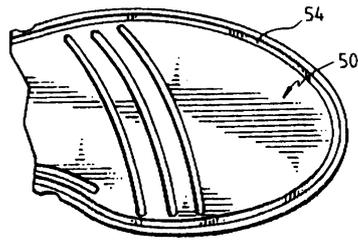
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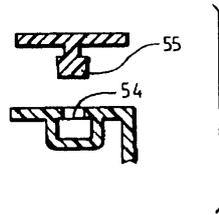
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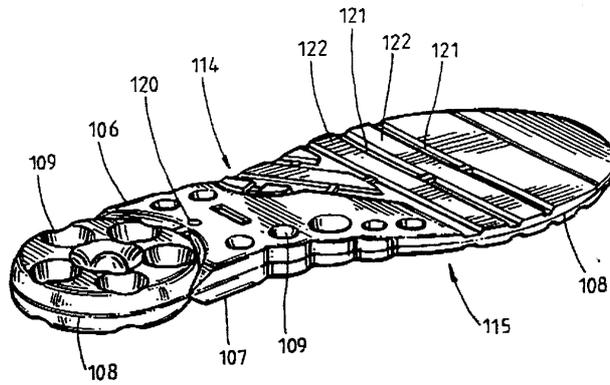
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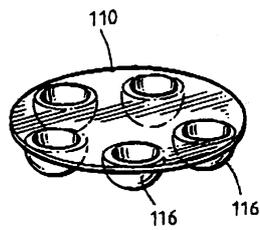
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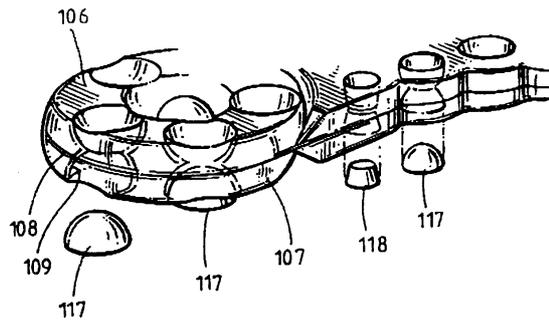
22



23



24



25

