

(19)
(12)

(KR)
(A)

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A61M 29/02

(11)
(43)

2001 - 0089543
2001 10 06

(21) 10 - 2001 - 7006969
(22) 2001 06 04
2001 06 04
(86) PCT/US1999/29904
(86) 1999 12 16

(87) WO 2000/35378
(87) 2000 06 22

(30) 60/112,939 1998 12 18 (US)

(71)

47402 - 0489

925

47906

1400

11

- 4632

6

(72)

47401	3718
47906	124
47906	3051
- 4632	56
47906	1833
- 4000	11

(74)

:

(54)

(10) , 가
 (12) . (11) (21,22) (12) , (16) ,
 , 가 (11) , (14) (16) (15)
 . , (18) . , (16) (20) ,
 () , (16) (23)

4

, 가 , , , ,

(self - expa

nding)

1 2

가

1

가

.

1998 9 24

09/160,122

(strut)

가

(serpentine)

,

5,421,955 , 5,102,417 , 5,195,984
가 5,104,404가
가, 가

가

가,

가

가

(hoop)
가가 ,
가

가

가

1

가

가

가

,

2

,

가

가

,

1

2 1

3 1

4

5 4

6 가 5

7 4 5

8 9 1 4

1 (10) 가

(11) (12), 303 304
(13)

, 가

(11)

(14)

(15)

(15)

(12)

가

(14)

, 1

(12) , 1 가
 (21,22)

(10) (13) (24) 4
 (gold sphere)

8 9 , 1 4 7.00mm
 (12) A, B , C

(24) 0.23mm

[1]

	" A "	" B "	" C "
8	0.0119	0.0100	0.00816
9	0.00665	0.00772	0.00772

, 1 8 0.012mm/mm , 4 9 0.0
 078mm/mm , 1 33% , 4 4 9 가

(57)

1.

(15) (14) 가 가 (15)
 (11) ,
 가 (17,19) (16)
 (12) ,

가 (11) 가 (21,22) 가 (12)
 (12) (19) (11) (15) (12)
 (12) (21,22)

2.

1 , (12) (16) (18)
 , (20)

3.

1 , (12) (16)
 (23)

4.

1 , (13)가

5.

1 ,

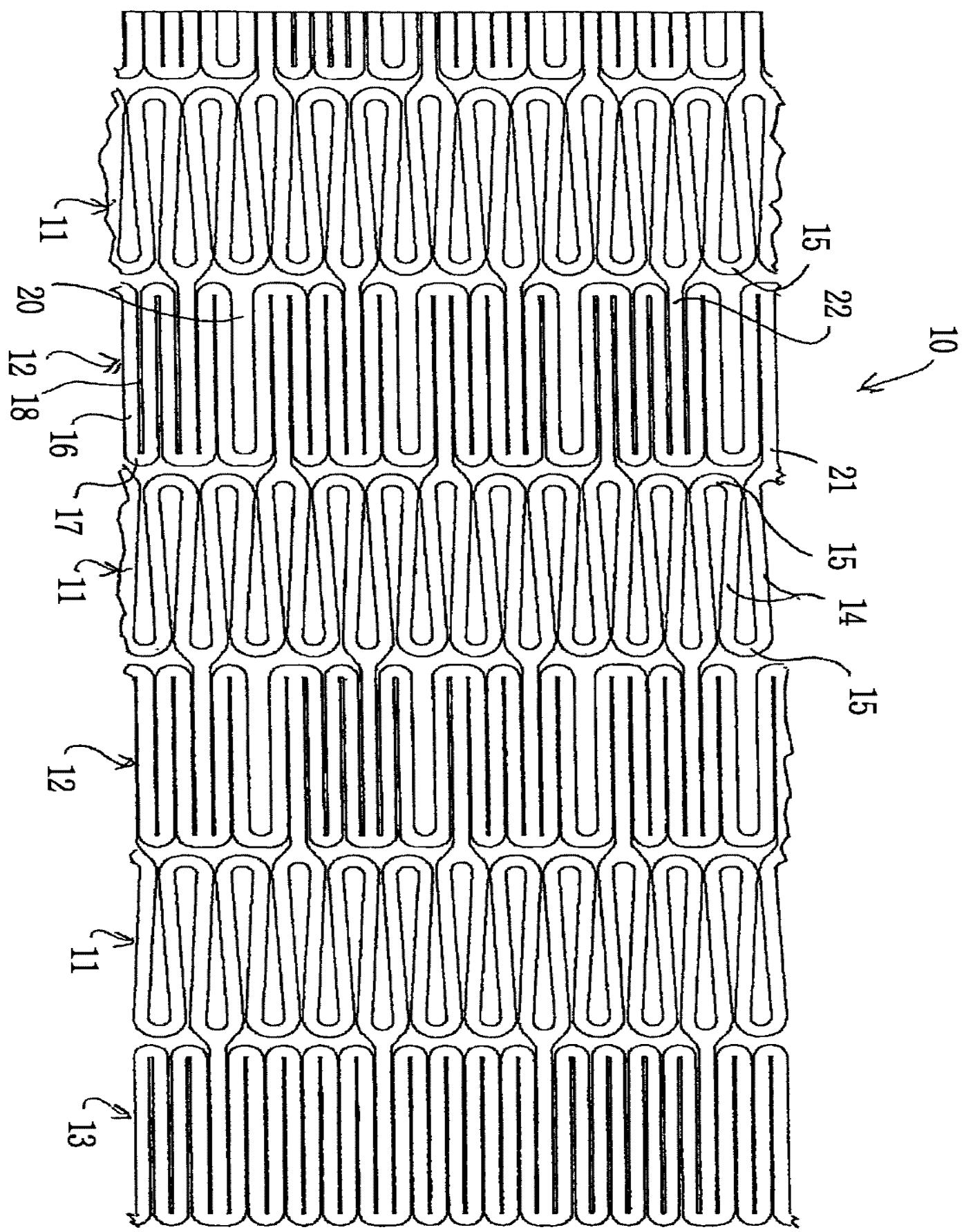
6.

1 ,

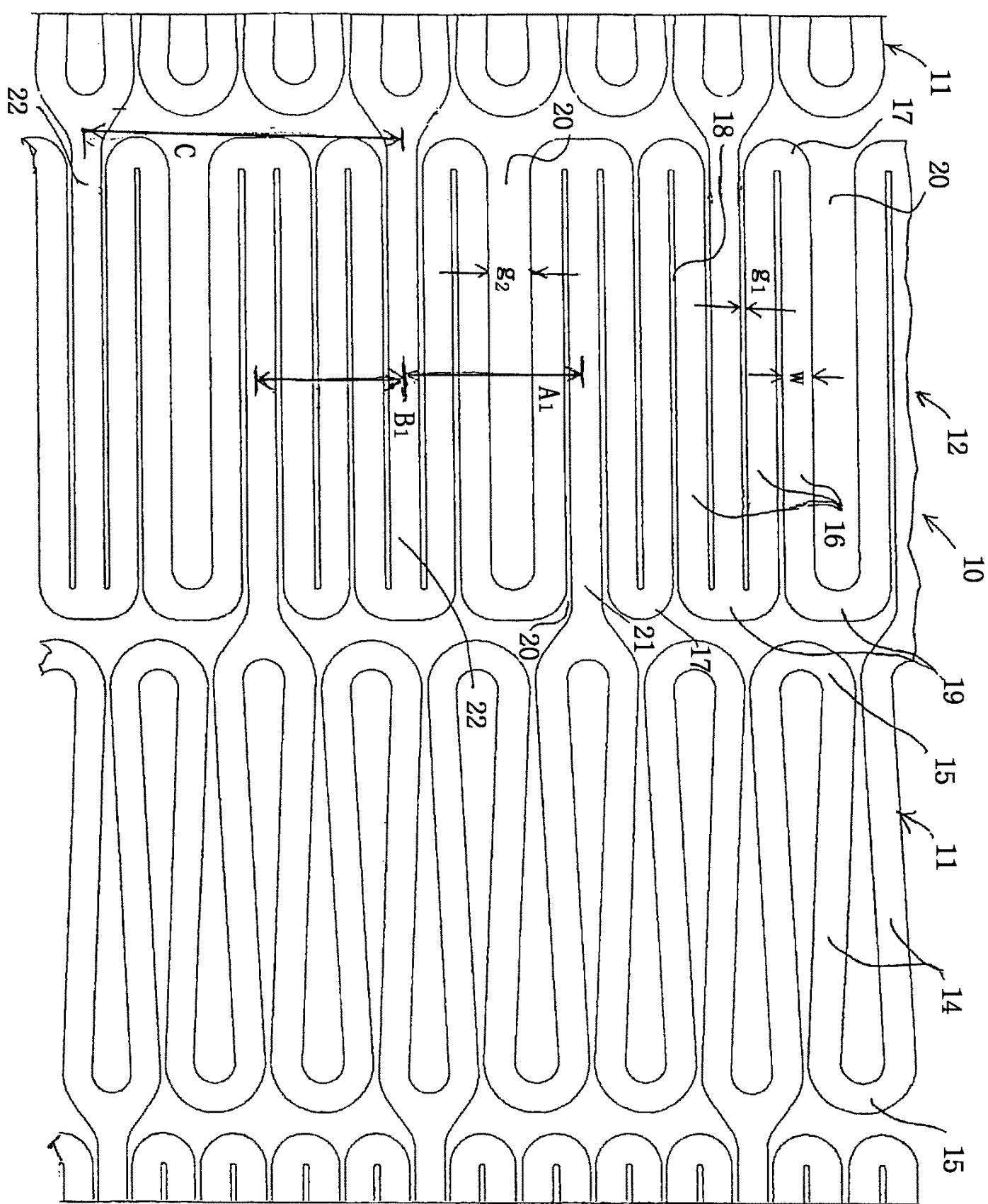
7.

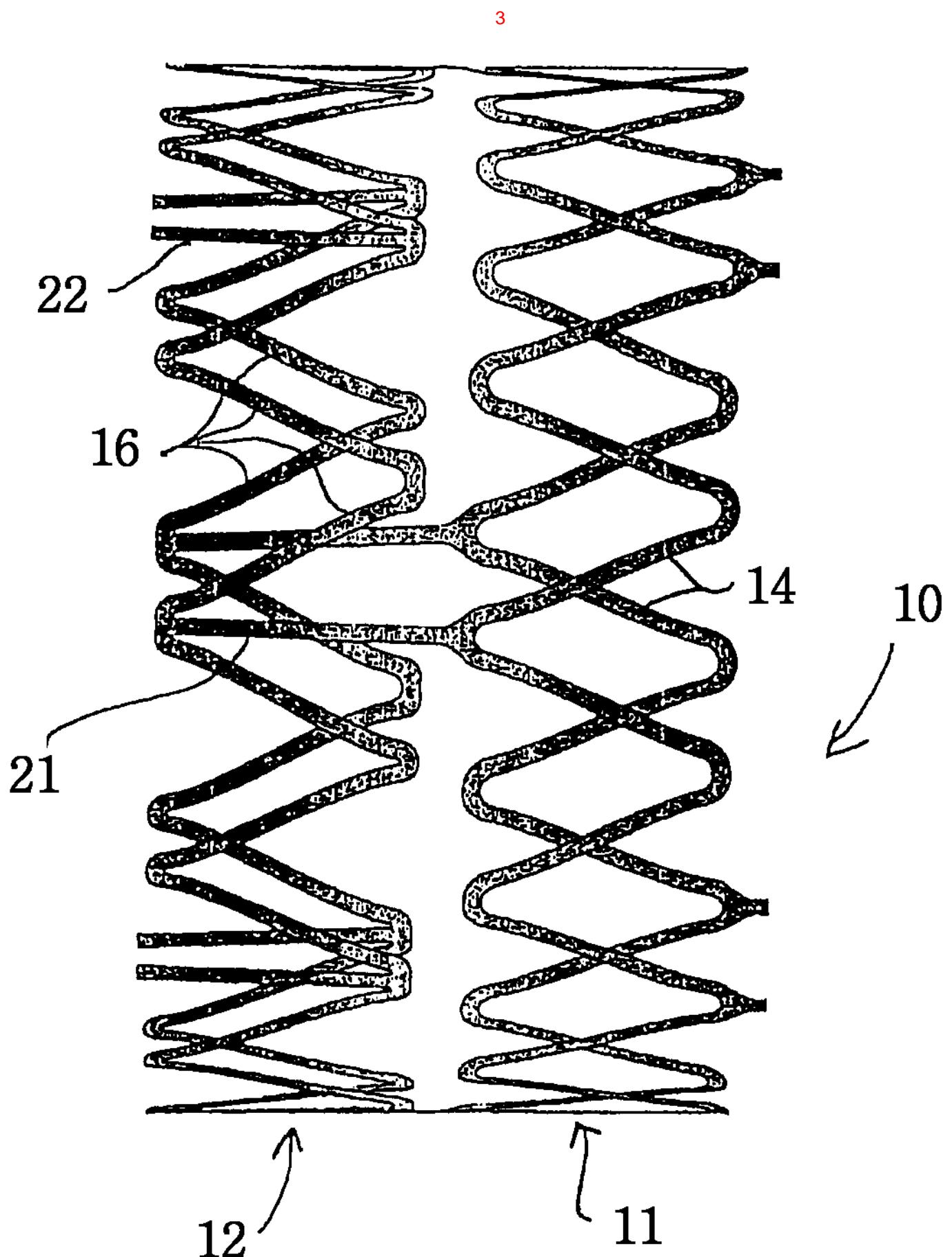
1 ,

1

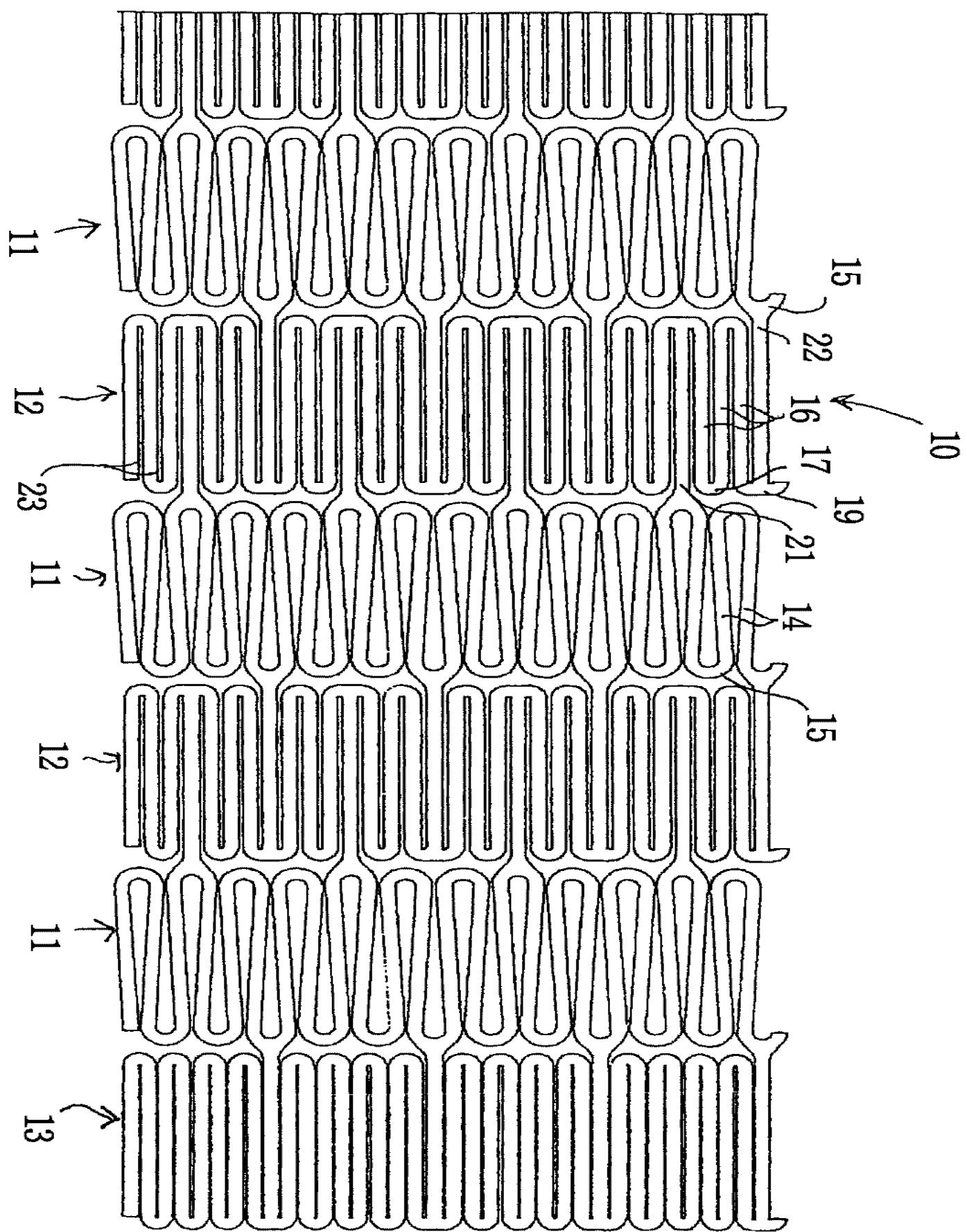


2

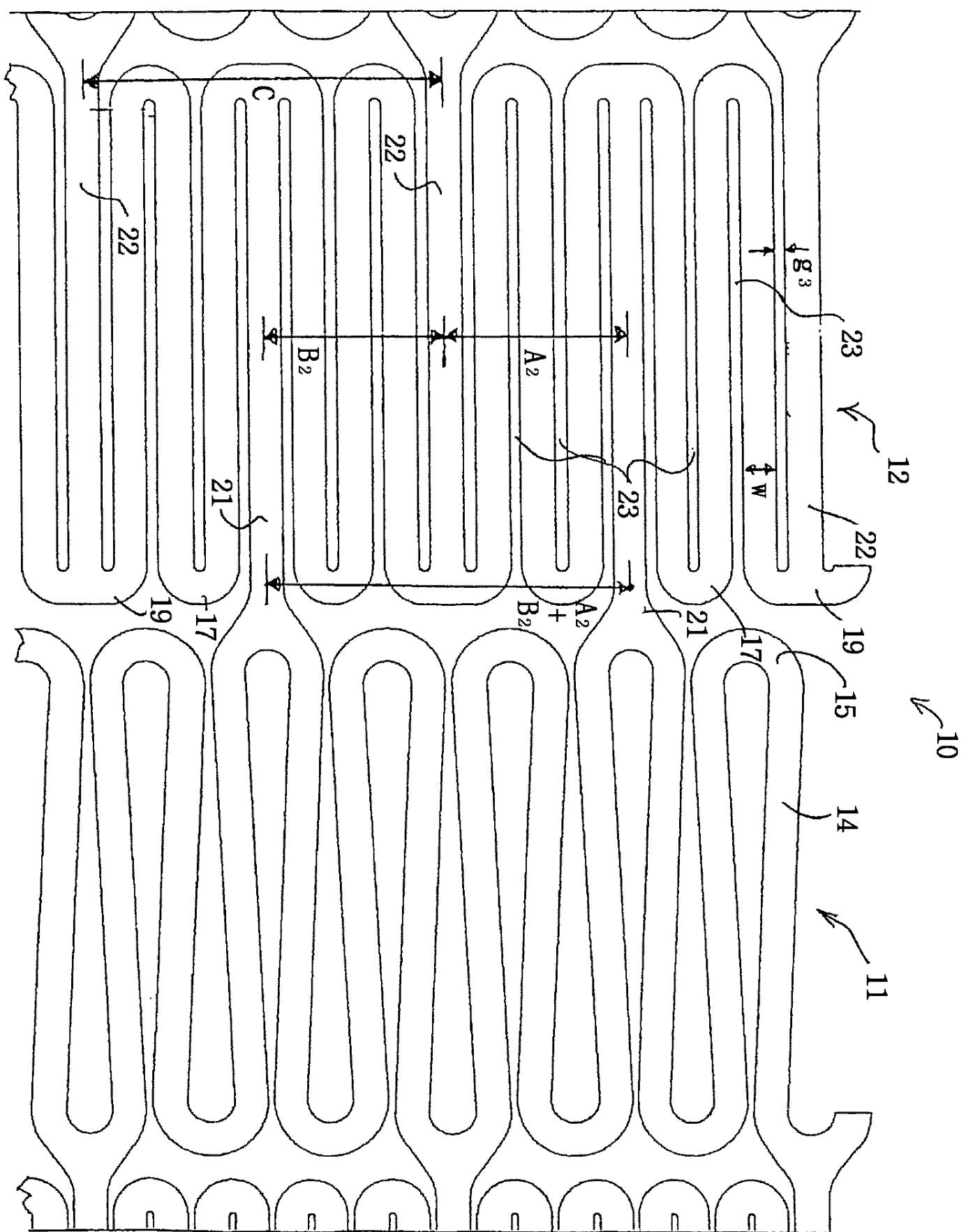


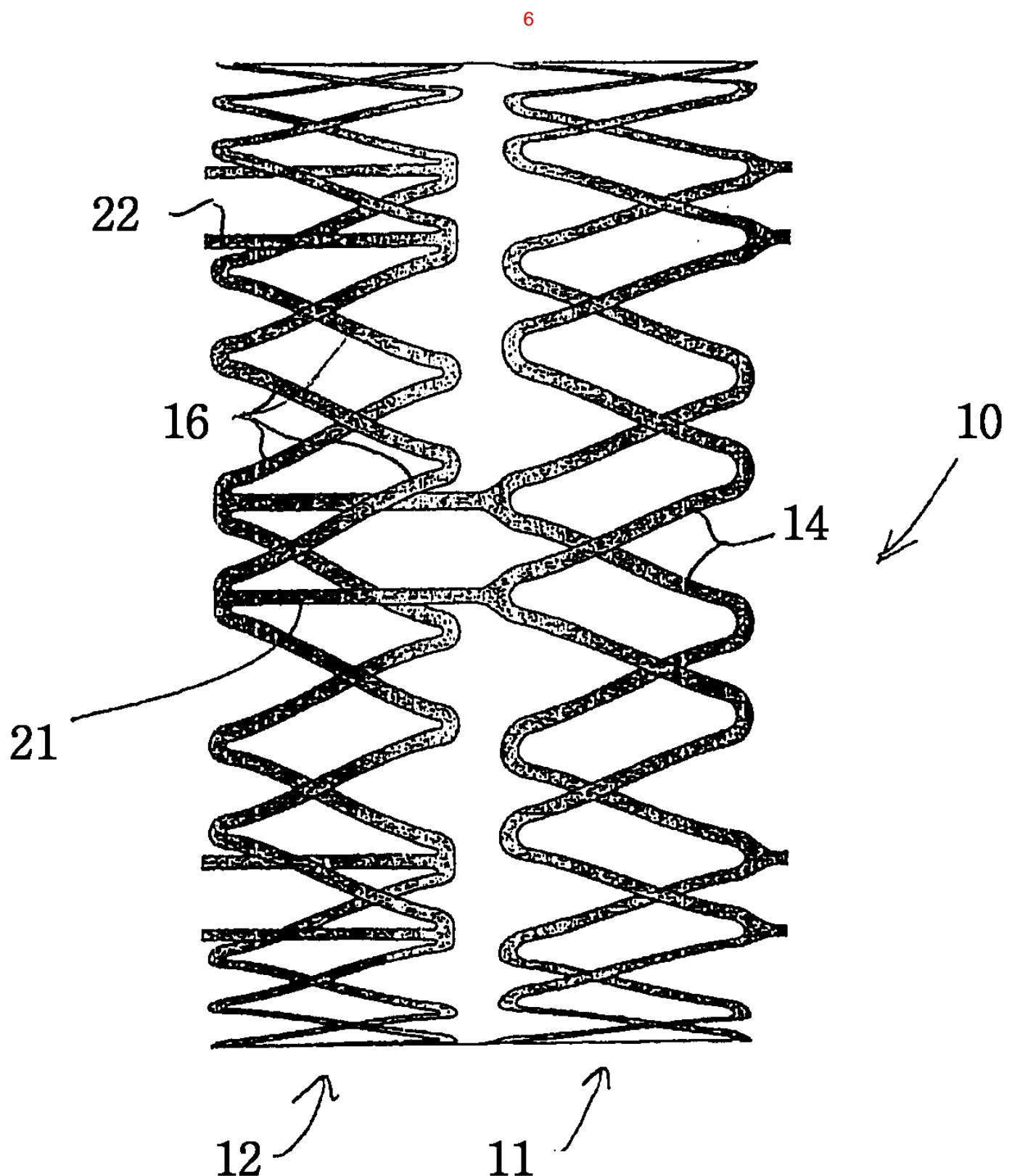


4



5





7

