

(19) (KR)
(12) (A)

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(21) 10-2002-0073357
(22) 2002 11 25

(30) JP-P-2001-00359945 2001 11 26 (JP)

(71) 53188 3000

(72) 가 4 7-127 가

가 4 7-127 가

(74)

1

(54)

(3), (4), (5) (12) (13)가 (2) (6)가 . (10)가 ,

1

$$\begin{array}{ll}
 1 & 1 \\
 \\
 2 & 1 \qquad \qquad \qquad (10) \quad A - A \qquad , \\
 \\
 3 & \qquad \qquad \qquad (6) \qquad \qquad \qquad \text{가} \\
 \\
 4 & 2 \qquad \qquad \qquad (20)
 \end{array}$$

5	4	(20)	B - B	,
6	4	(20)		,
7	3	(30)		,
8	7	(30)	C - C	,
9	4	(40)		,
10	9	(40)	D - D	,
11	5	(50)		,
12	11	(50)	E - E	,
13	6	(60)		,
14	13	(60)	F - F	,
15				,
16	15	.		

2 : 3 :

4 : 5 :

6 :

10, 20, 30, 40, 50, 60 :

11, 21, 31, 41, 51, 61 :

12, 22, 32, 42, 52, 62 :

13, 23, 33, 43, 53, 63 :

14, 24, 34, 44, 54, 64 :

(subject), , ,
(grippability)

, ｶ, . ｶ, , (lesion), ,

(3) (broad) (4) (5) (2) (102) (2) , (2)
 가 . (103) , (102) (102) 가
 (2) (104) 가 , (104) (105) 가 .

$$(3) \quad (4) \quad , \quad , \quad . \quad . \quad . \quad , \quad . \quad (101)$$

$$(4) \quad (3) \quad , \quad (2) \quad (5) \quad (2) \quad (4) \quad (3) \quad (4) \quad ($$

, (104) , (101)
· , (solvent)가

, , 가 , 가 . (100)
, , (intestine), (vagina),

, (102a, 102b), (101) (103)
, (mold) 가 , 가
가 . .

, (102)가 , (102)
가 , 가

가

-

가

1 , , 가 , .

2 , 가 ,
3 , 2 ,
3 , 가 , 가 , 가 가
4 , , ,
4 , , ,
5 , , ,
5 , , ,
6 , , ,
6 , , ,
7 , 6 , ,
7 , , ,
8 , 1 , 7 , ,
8 , , ,
9 , 8 , ,
9 , , ,
9 , , ,

가

1

1 , , 가 (10)가 1
3 . (10) , (10)가 .
 가

1 1
 (10) A - A . 1 2 , (10)
 (5) . (6) (3) (4) (6)
(2) () (4), (5) , (2) (2) , (6)

(12) (11) (3) . . , (12) (2)
 (13) (13) . , (12) 가
 (2) . . . , (14)

$$(3) \quad (4) \quad . \quad . \quad . \quad . \quad (3) \quad (4) \quad ()$$

$$(4) \quad (5) \quad (2) \quad (2) \quad (3) \quad (2) \quad . \quad .$$

, (14) , (11)
 . , 가
 가 , 가 . (10)

$$(10), \quad , \quad (6), \quad (3), \quad (12), \quad (4), \quad (5) \quad (6) \\ . \quad , \quad . \quad , \quad (12) \quad (12) \quad , \quad) \quad (13) \quad (11)$$

(6)가 (15), (15), (6), (11)가 (12), (3), (11), (11), (16a), . , (6a)
 (10), (16a), (15), (15), (6), (11)가 (12), (3), (11), (11), (16a), . , (6a)
) 11), (11), . , .

, (11), (12) (13) 가 (13)
 , . , (12) (13) , , (10) (14)
 m) (2) (4) (5) 가 . , (2)
2
 , 2 (10) (12), (11) 2 (13) 가
 1 (20) 1 (10) ,
 4 (20) 2 B-B (20) 4 5 (20) 5 (22) 4
 (3) (2) (3) () (4) (5) (2) (2)
 (22) (22) 가 (24) (23) (23) (20) (2) (2)
 (22) (slip stopper)
 (3) (4) , (3) (21)
 (4) (5) , (2) (3) (4) ()
 0) , , , , , , , , , , , ,
 , 6 (20) (20) (21), (22a) 6 (20)
 (22b) (22b)
 b) (22a, 22b) (23a, 23b) 2 (two-color) (23a) (23)
 (24) (22a, 22b) (20) , , (3), (21), (21), (22a) (21), (4), (22a) (22a) (22b) (2) (22b)
 (22b) (20)
 , , (23) 가 (22) 가 2 가 , , , ,
 (24) (23) 가 (2) (4) (5) , (2)

, (64), (61)

, (63) (62) 2 가 2 가 . 2

$$, \quad (63) \quad , \quad (63)$$

$$, \quad (64) \quad .$$

6 , 6 1 5 2

(5) (2) (4) (5) 가 . , (2)

가

, 가 , 가

(57)

1

가

가

2

가

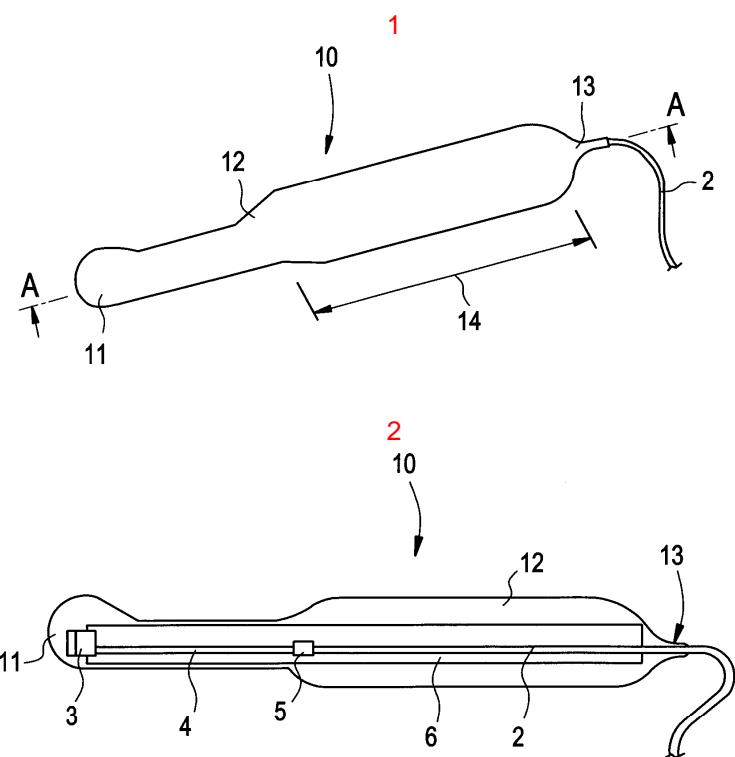
가

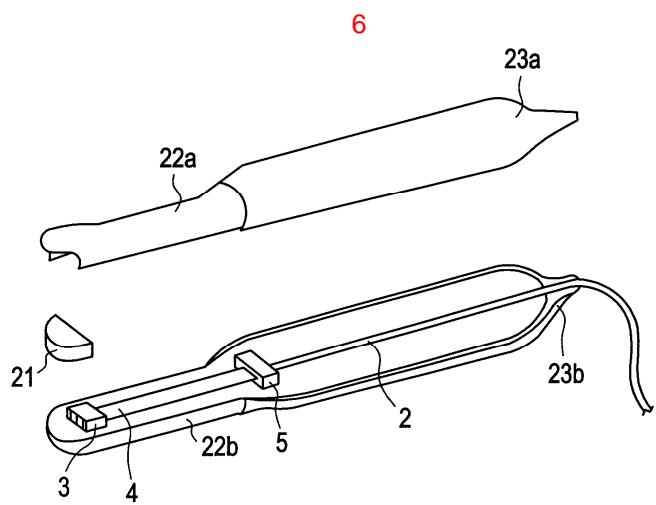
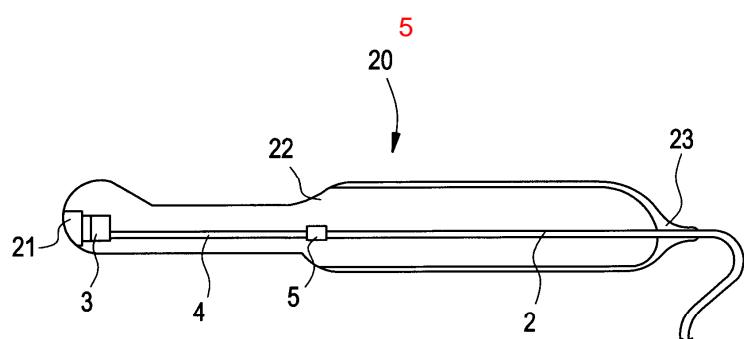
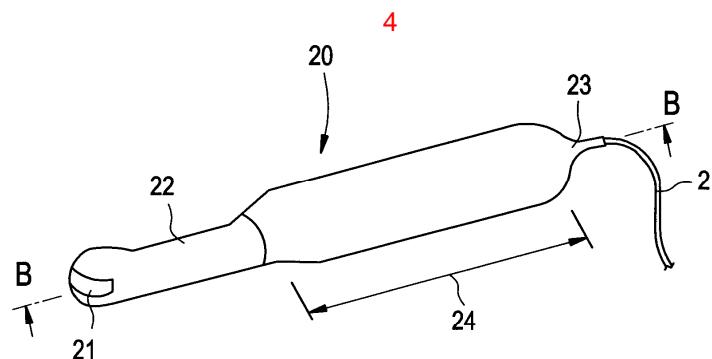
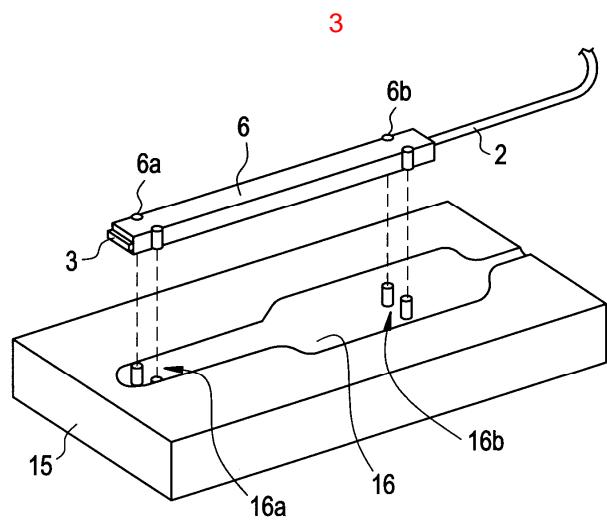
3.
2

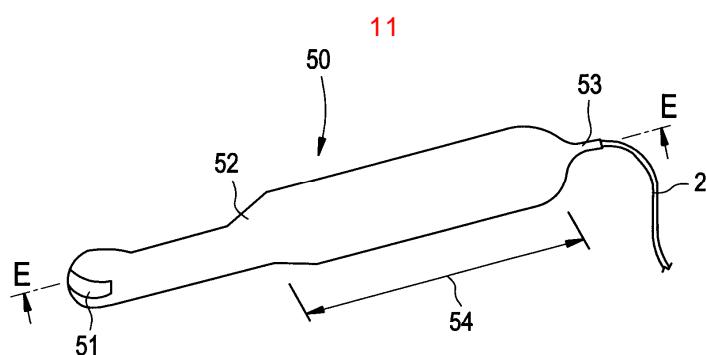
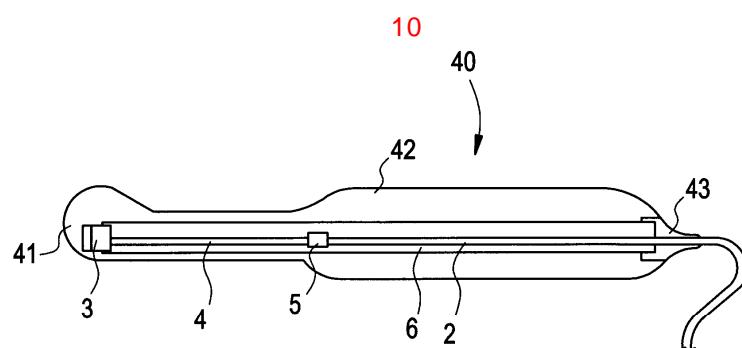
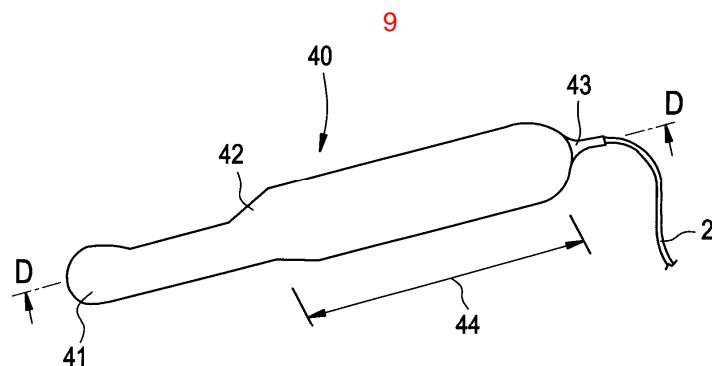
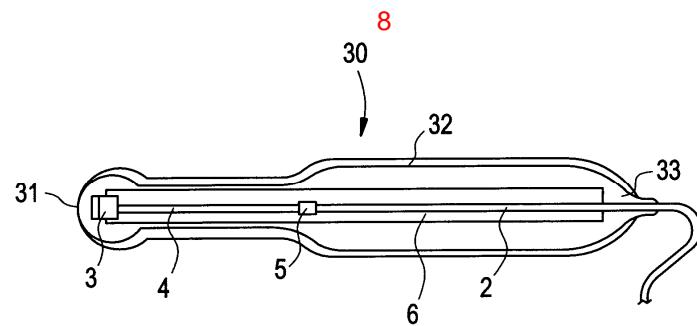
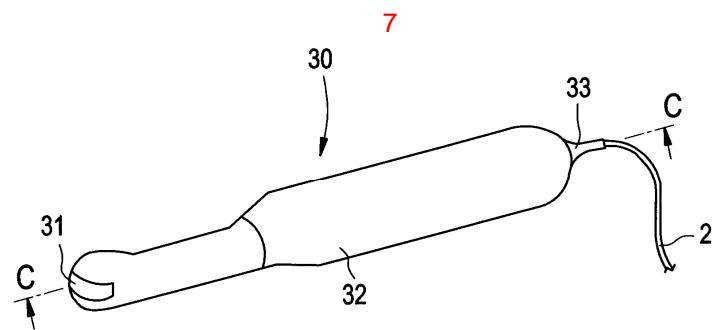
4.

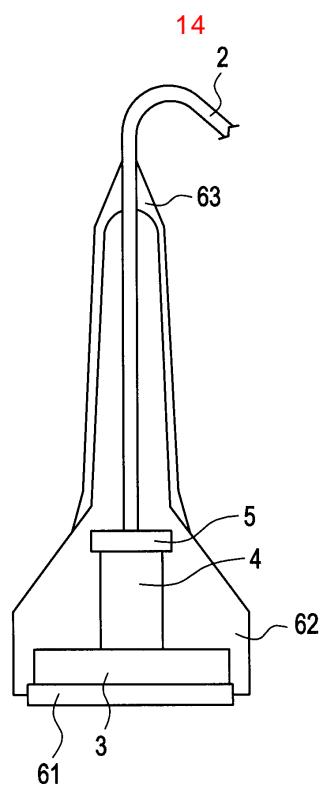
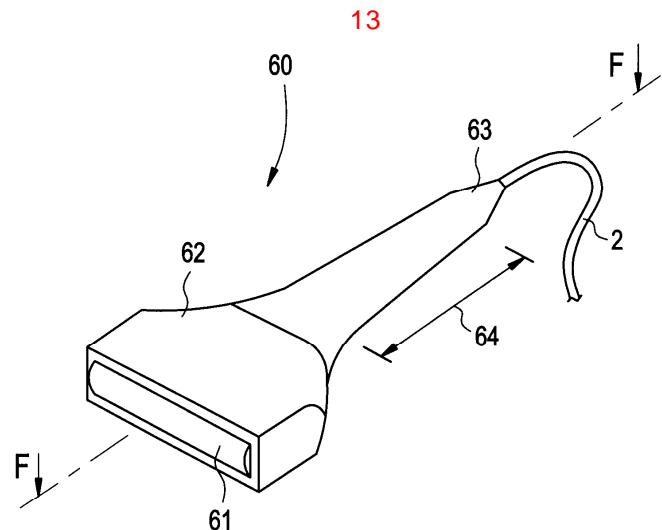
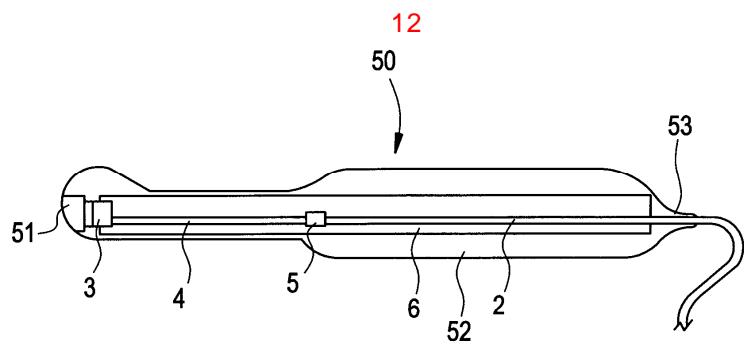
가

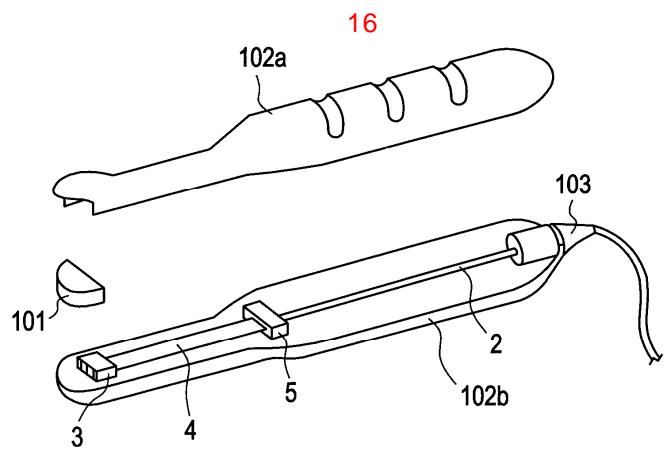
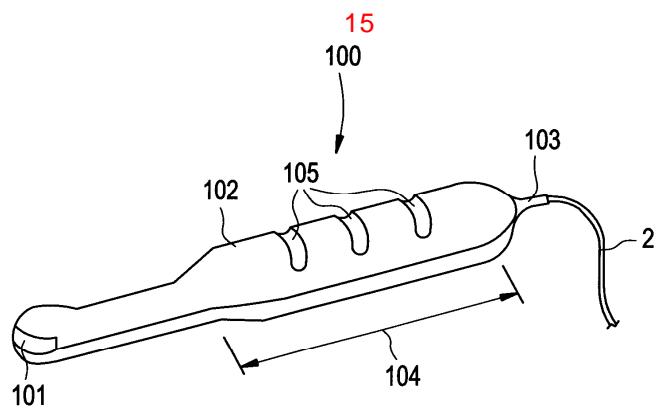
가











专利名称(译)	超声波探头		
公开(公告)号	KR1020030043695A	公开(公告)日	2003-06-02
申请号	KR1020020073357	申请日	2002-11-25
申请(专利权)人(译)	지이메디컬시스템즈글로벌테크놀러지컴파니엘엘씨		
当前申请(专利权)人(译)	지이메디컬시스템즈글로벌테크놀러지컴파니엘엘씨		
[标]发明人	UMEDA MANABU 우메다마나부 NOZAKI MITSUHIRO		
发明人	우메다마나부 노자키미츠히로		
IPC分类号	A61B8/12 H04R1/02 G01N29/265 G01N29/24 A61B8/00 G01N29/10		
CPC分类号	A61B8/4455 A61B8/12 A61B8/445		
代理人(译)	KIM, CHANG SE 张居正 , KU SEONG		
优先权	2001359945 2001-11-26 JP		
其他公开文献	KR100491235B1		
外部链接	Espacenet		

摘要(译)

超声波探头和模具的构件数量减少，制造成本降低。并且为了提高抓握性，将超声波元件（3），宽幅电缆（4）以及连接器（5）和连接电缆（2）配合的固定构件（6）插入模具内。并且，超声透镜部分（11），壳体（12）和衬套部分（13）通过嵌件成型被模制成一体。使用一个模具减少了组装步骤的数量，减少了超声波探头（10）制造的构件的数量。可以实现制造成本的降低。

