

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

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(21) 10 - 2002 - 0018403
(22) 2002 04 04

(30) JP - P - 2001 - 00106770 2001 04 05 (JP)

(71) 53188 3000

(72) 가 4 7 - 127
가
가 4 7 - 127
가 4 - 7 - 127

(74)

:

(54)

가 , 가 . / , (,
, . / ,) (H) ,
/ ,
LED , .

1 ,
2 1 ,
3 2 가
,

4 1 ,
5 2 ,
6 5 가
,

7 3 가
,

8 7 ,
9 4 ,
10 9

6 : 10 :

12 : 13 : (13)

14 : 100 :

100a : 1000 :

,

1

$$\begin{aligned} & (301) \quad & (11) \quad & (12) \quad , \quad (30)[\quad (31), \\ &) \quad & (12) \quad . \quad (14)] \quad (13), \end{aligned}$$

$$(14) \quad , \quad (12)$$

$$, \quad , \quad , \quad , \quad (12) \quad , \quad , \quad , \quad , \quad (14)$$

(301) , (12)

가

1 , 가 가

2 , 가

,
forming means) . (lock in

2 ,
가 , 가

4 , 가 ,
/ ,
/ , 가

2
/
가 가

5 . 가

6 가

8 가

9 , 가

10

가

,

가

,

10

가

,

가

,

가

11

,

가

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11

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12

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가

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12

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13

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가

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13

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가

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14

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가

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14

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15

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가

,

15

가

,

가

,

16

,

가

,

16

가

, 가 ,

(100) , , (track ball), (Cathode Ray Tube : CRT)
(102) 가 .

(100) (11)가 (12) (10) (101),
 (12) (13), (13) (100a) . (10) / (1) ,
 (13) (14) .

(3) , (4) , (H) , (2) , (2) , (LED) (5)

(100)가 (102) , (12)
(102) (2) (H) . , 3 /
(3) , 가 LED(5)
(14)

4 , (12) (2) / (1)
(3) , 가 . , (i)가
LED(5) . , [(6)가
(i) , 가 ,
(6)]. , .

$$(100) \quad (102) \quad , \quad , \quad (14) \\ , \quad , \quad . \quad , \quad (12) \quad (2)$$

1 (1000), LED(5) (100) (12)
 (102) (2) , (6) , , ,

2

5 2 . 2 1 (201) (202)
 (201) (14) (1000) (202) (4) LED(5)

(201) , (20) 가 (13) / (movable contact/hook - shaped lock pin) (21) .

(202) (22) (H)
(23a, 23b) .

(12) 가 (22) / (21) , (12) (22) (23a, 23b) , (H)
 가 , LED(5) . , (14)

가 , 2 . (13) , / (1)(2 4)
 , (21) , , , 가 가 . (21)

3

7 3 (301) (302)

$$13), \quad (31) \quad (14) \quad . \quad . \quad . \quad , \quad (301) \quad (12), \quad ($$

$$(31) \quad (32) \quad (33) \quad (h) \quad , \quad (34)$$

7 , 가 (302) (32) (302) (H) . . , (12) (31) (14) (33)

$$8 \quad , \quad (12) \quad (32) \quad , \quad (31) \\ (34) \quad (33) \quad , \quad (14)$$

(302) . , (12) (2) (14)

3 , (12) (302) (32)
,

4

9 4 (402)
(401)

(401) (11) (12) , (12) - (push - locking)
(push lock button) (41) , (42) , (K)
(44) , (43)

4) (402) (H) (412) , (K) (4)
(413) 가 .

(412) , - (41)

, 10 (44) (K) (413) (44) (413) (K) (12) (413)
(412) - (,)

(12) (412) , (a, a') (42) 가 .
(44) 가 (b, b') (K) (41) , (42)
(413) . , (44) , - (41) , (42)
(43) (f) 9

4 (12) (402) (41)
2) , - (41) (42) 가 . , (12)

(1) 1 (1000) LED(5) (102) (102) 가 .
, LED(5) 가 (100) [(100) (100a) (101)] (102) 가 .
,

(2) LED(5) " 가 , [(lock confirming mark) " (102) CRT
"] , LED(5) 가 ,
가 .

(3) LED(5)) , LED(5) , (1000) , (100) , (" " .

(4) , (tact switch)
 가 (31)(7 8)
 (31) - (through - light) , [2 4
 (1) 5 6 (21)]
 가

가

가

(57)

1.

2.

1

(lock informing means)

3.

2

4.

3

,

,

가

/

/

5.

2

4

,

6.

2

5

,

7.

2

6

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8.

1

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9.

8

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10.

1

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가†

11.

10

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12.

11

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,

13.

1

12

,

14.

1

13

,

15.

1

14

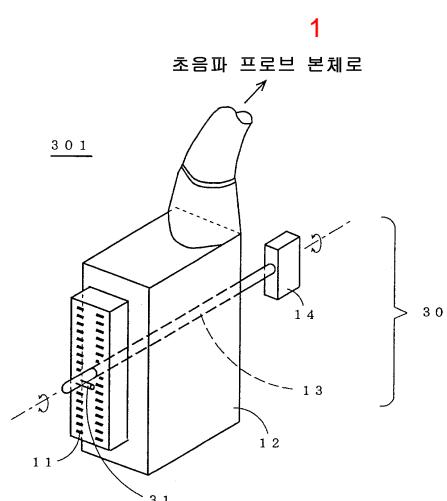
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16.

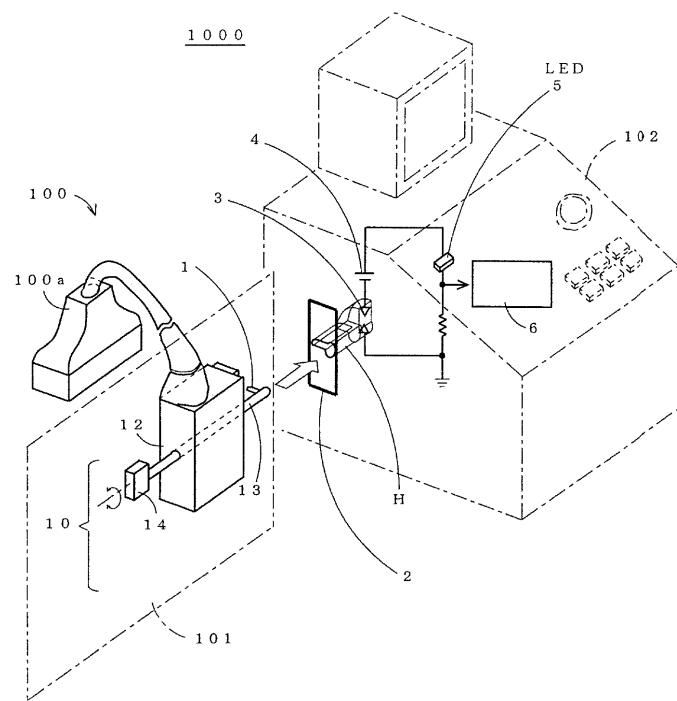
1

14

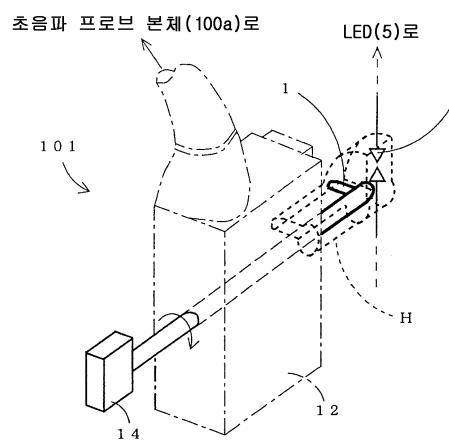
,



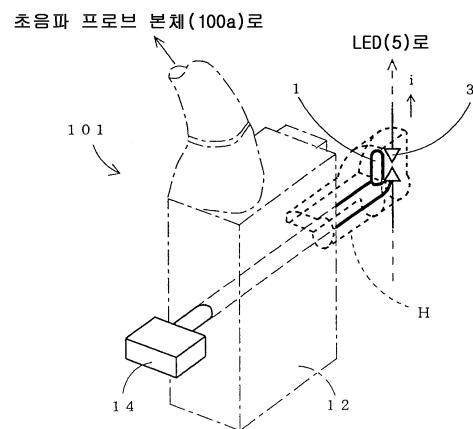
2



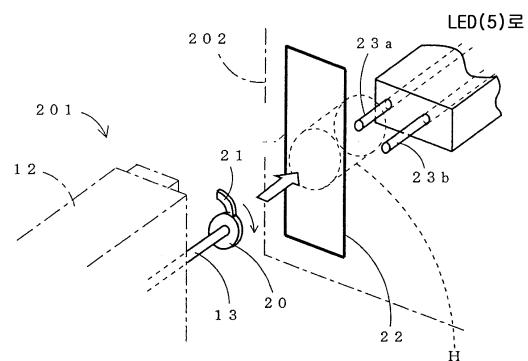
3



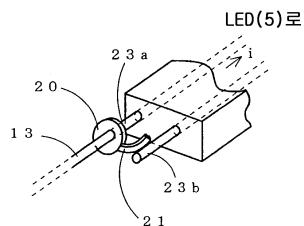
4



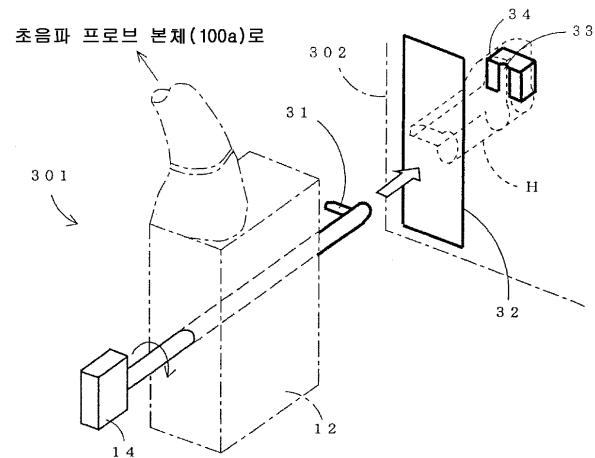
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6

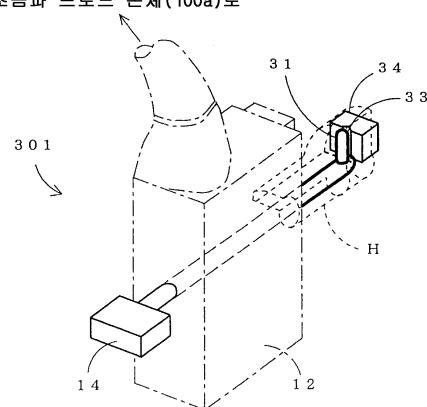


7

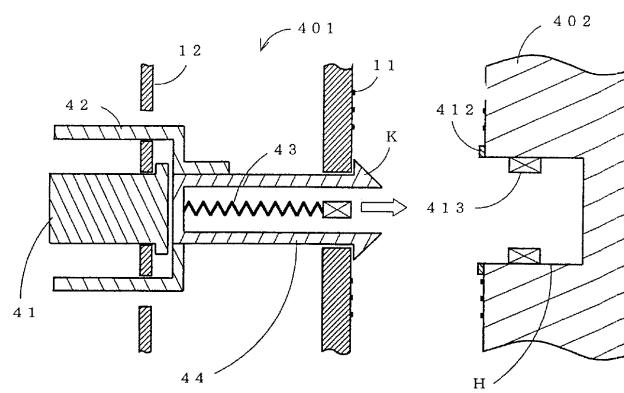


8

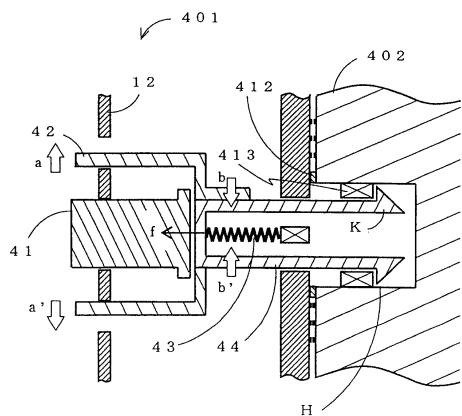
초음파 프로브 본체(100a)로



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|---------------|--|---------|------------|
| 专利名称(译) | 超声波诊断设备 | | |
| 公开(公告)号 | KR1020020077655A | 公开(公告)日 | 2002-10-12 |
| 申请号 | KR1020020018403 | 申请日 | 2002-04-04 |
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| [标]发明人 | UCHIBORI MASAMI 우치보리마사미 KAWAE SOTARO 가와에소타로 NOZAKI MITSUHIRO | | |
| 发明人 | 우치보리마사미 가와에소타로 노자키미츠히로 | | |
| IPC分类号 | H01R13/70 G01R31/04 H01R13/639 H01R13/66 H01R13/641 A61B8/00 H01R13/629 | | |
| CPC分类号 | H01R13/641 Y10S439/911 H01R13/7175 Y10S439/953 H01R13/701 | | |
| 代理人(译) | KIM, CHANG SE 张居正 , KU SEONG | | |
| 优先权 | 2001106770 2001-04-05 JP | | |
| 外部链接 | Espacenet | | |

摘要(译)

在以下结构中，操作者确认超声波探头的连接器的插座与超声波诊断设备主体之间的机械连接的锁定完成。关于超声诊断设备的超声探头包括具有锁定机构的连接器部分 (凸轮轴，穿过连接器导电移动触头/从凸轮轴突出的锁销，以及连接器锁定取消手柄)，以及超声波探头身体。超声波诊断设备主体包括插座，该插座具有用于连接连接器的接触孔 (H)，作为与机械锁定连接器的连接的接触/锁定销，以及用于传输其接触的锁定确认接触销和LED用于照射导电不足，以及用于在传输时公开扫描的保护电路。

