

(19)
(12)

(KR)
(B1)

(51) 。 Int. Cl. ⁶
H01M 2/12

(45)
(11)
(24)

2002 03 20
10 - 0329562
2002 03 09

(21)
(22)

10 - 1999 - 0026895
1999 07 05

(65)
(43)

2001 - 0008860
2001 02 05

(73)

575

(72)

2
527

1801
107 - 1305
103 - 1102

(74)

:

(54)

:

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(42)

(44)

(40)

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(42a)

(2)

(46)

.

10 40%

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- 1 .
- 2 .
- 3 .
- 4 5 .
- 6 .
- 7 8 .

* *

- 2 - 40 -
- 42 - 42a,42b -
- 42c - 44 -
- 46,46a,46b - 60 -

， .

， 가 .

6 ， .

， (2) (4) ， (4) (6) (2) ，

(4) .

(6) (4) (8) (8)

가 (10) (12) (14) ， (12)

(14) (16) .

$$(8) \quad \begin{matrix} (18) \\ (20) \end{matrix} \quad ,$$

(20)	US 3,815,534	US 4,803,136
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$$7 \quad 8 \quad , \quad (\quad) (20a) \quad (20b) \quad , \quad (8) \quad (8a)$$

•

$$(20) \quad \left(\begin{array}{c} \text{[]} \\ \text{[]} \end{array} \right) (20a) \quad (20b)$$
$$(18) \quad \quad \quad (14) \quad \quad \quad (8)$$

가 가 .

US 4,842,965

가 .

가

가

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가

가

10 40%

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2

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가

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1 , 2 .

(42) (44) (40)

(42) (2)

가 가 (42a) (2) (46)

(42) ,

(42c) 110% 가 (42a) 140%, (42b) 120%,
 105%, (42c) 102% 가 (42a) 110%, (42b) (2)
 가 (42a) (46)

(46) , () (42)
 (42a)

(46) . (46) (T1)가 10% ,
 (42a) (T) 10 40% (T1) , 40%
 가 , (46) 10
 30kgf

(46) (46a) (46b) , 1 4 5
 (46) (46a) (46b)

(80)

(80) (12) (16) , 가 (10)
 (14) (60) (60)
 가 (42) , (18) (42)

(22) (2) (16) (14) (42) ,

, ,

, ,

가

(57)

1.

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2.

3.

1 , 가 .

4.

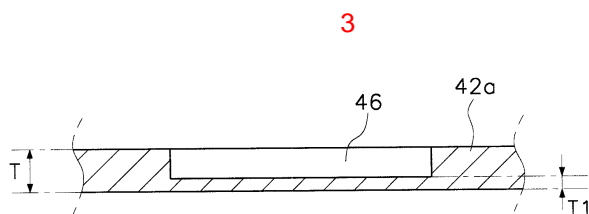
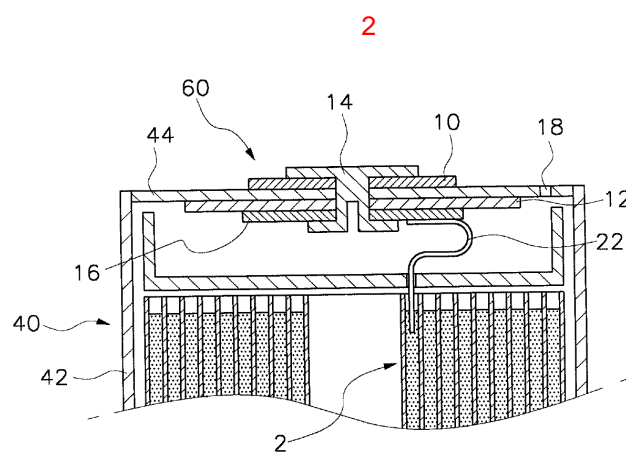
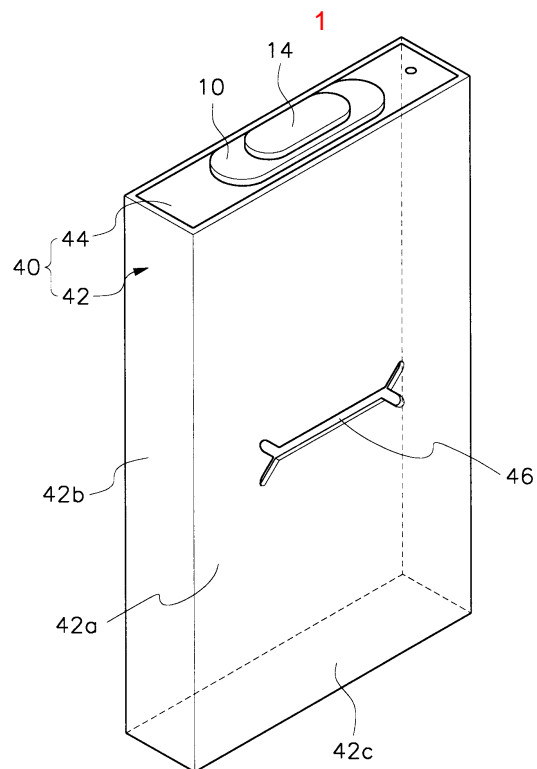
1 , .

5.

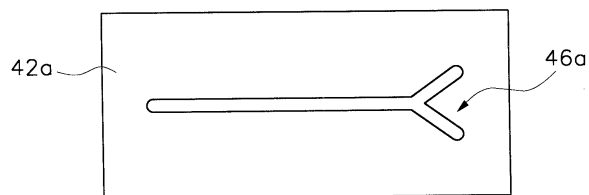
1 4 , 10 40% .

6.

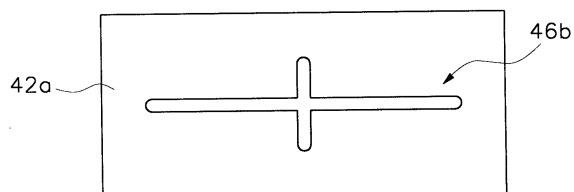
1 , .



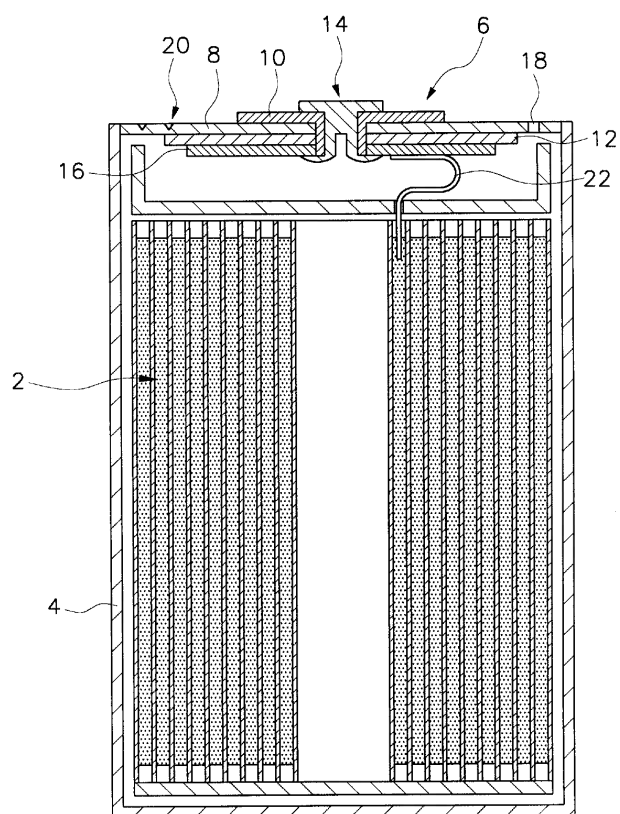
4



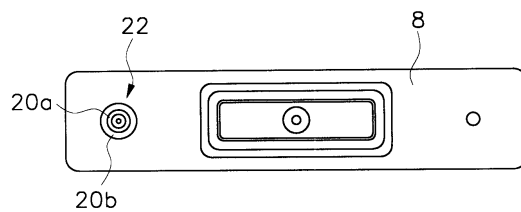
5



6



7



8

