

(19) (KR)
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(21) 10 - 1997 - 0053556 (65) 1998 - 0003110
(22) 1997 10 18 (43) 1998 03 30

(73) () 124

464 - 1 208 601

(74)

1

(54)

1

1

10 x 10

2(a) 10 x 10 가 X

2(b) 10 x 10 가 Ƴ

2(c) 10 x 10 가 X

2(d) 10 x 10 가 Y

3 16 x 16

*

1, 1 : 2, 2 :

3 : 4, 4 :

5 : 6 :

가가

가

$n \times m$

$n \times m$

가 가 , 가 가

$$\begin{array}{ccc}
 X & Y & \\
 X & Y & \\
 \hline
 n & m & \\
 n & m & \\
 \hline
 n \times m & & , & n + m
 \end{array}$$

가 $X \quad Y$ $n \quad m$ $n \times m$
 가 $X \quad Y$ $n \quad m$,
 가 $n \quad m$,
 X $\quad Y$ $n \quad m$ $n + m$ 'AND' 가
 가 $n \times m$ 가

, X Y n m
n x m ; X Y n m ,
가 n m n m ; ,
,

가 , 가 , 가

3 16×16 , 1
 10×10 가 , 1
 16×16 , 3
 16×16 (2) 가
 $(1) , (2)$
 $(1) , 4$
 $(1) , (1)$
 $(1) , 32$
 (6)
 (1)
 (6)
 $(5) 가$

;

 , X n (4, 4) (4, 4) (2, 2) , Y m (4, 4) (2, 2)

(4, 4) (2, 2) (2, 2) , X , , (2, 2)

(2, 2) Y (4, 4) (4, 4) (2, 2) , (2, 2) , (2, 2)

 , X Y (4, 4) , , (2, 2) , (2, 2)

| | | | | | | |
|-----|---|-----|-----|---------|--------------|------------|
| m | 가 | X | Y | n | m | $n \times$ |
| | | X | Y | | | |
| | | 가 | n | m | | |
| | | X | Y | 가 | | |
| | | 가 | | X | Y | |
| | | | | $n + m$ | | |
| | | | | | $n \times m$ | |
| | | | | | | ‘AND’ |
| | | | | | | 가 |

(57)

1.

2.

i) $X \quad Y \quad n \quad m \quad n \times m$
 ii) $X \quad Y \quad n \quad m \quad n \quad m \quad ;$ iii) $;$; iv) $;$

3.

2 , X Y

4.

2 ,

5.

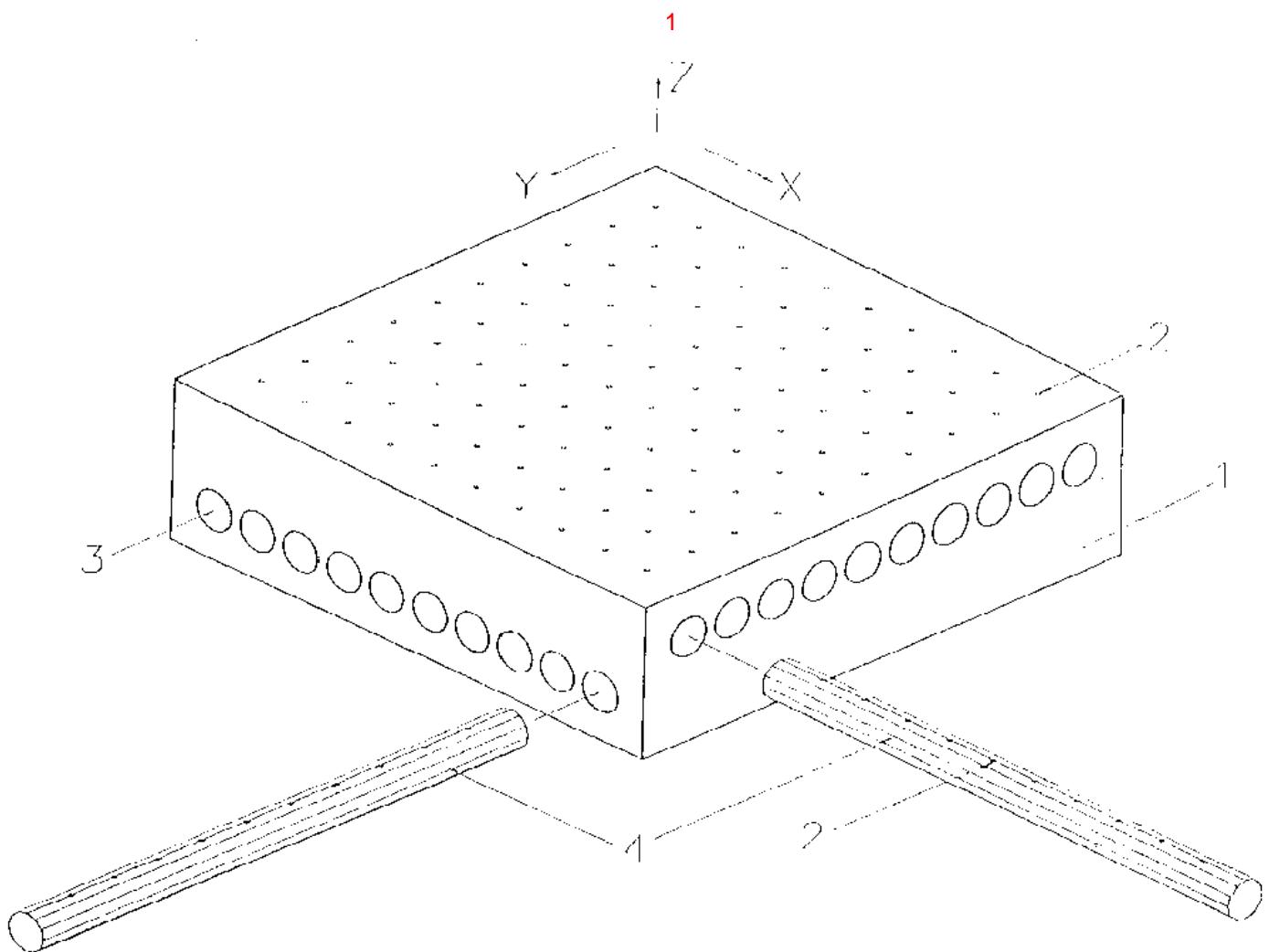
4 , 가

6.

$$2 \quad 4 \quad ,$$

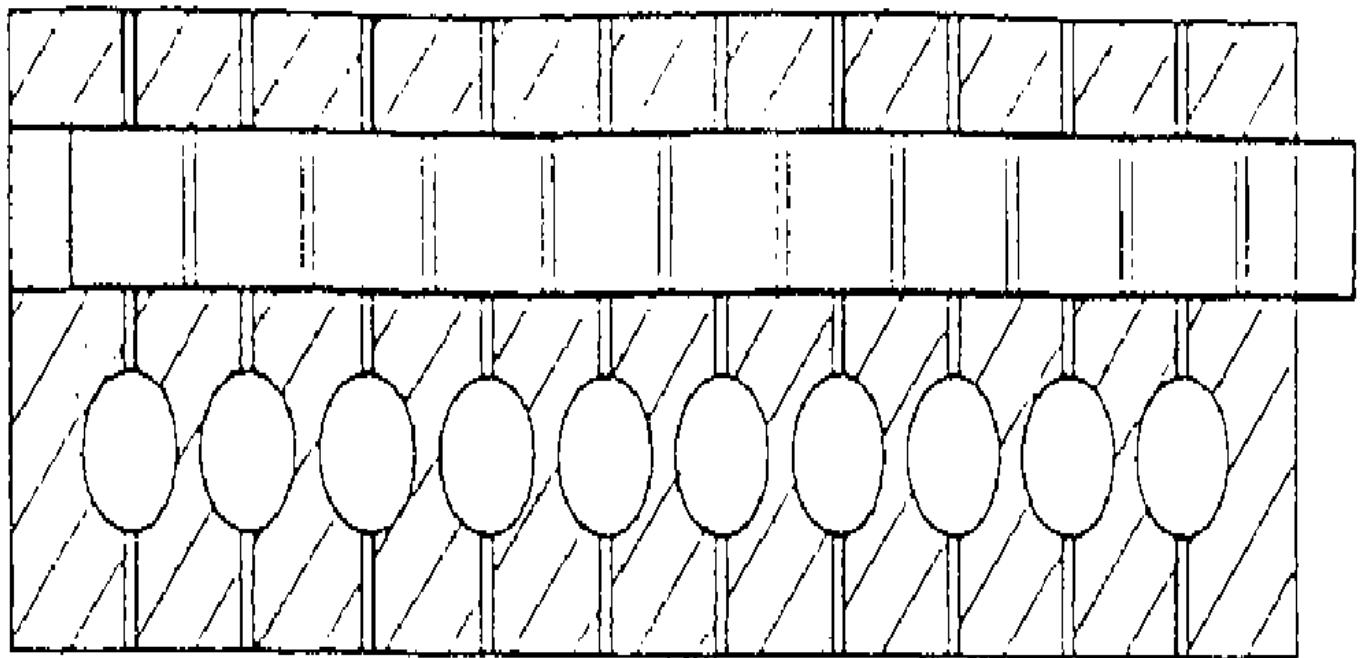
7.

2 4 , ,

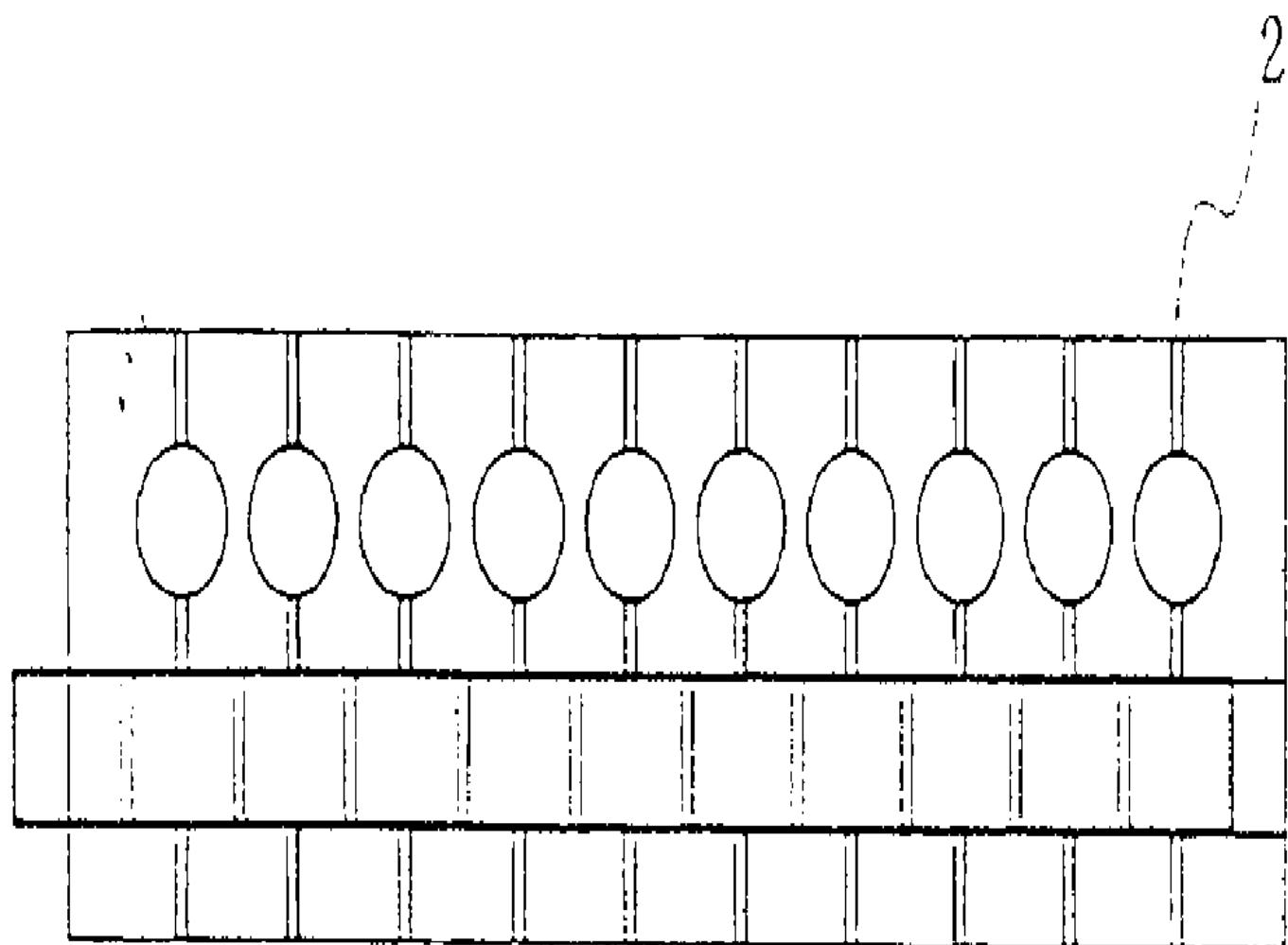


2a

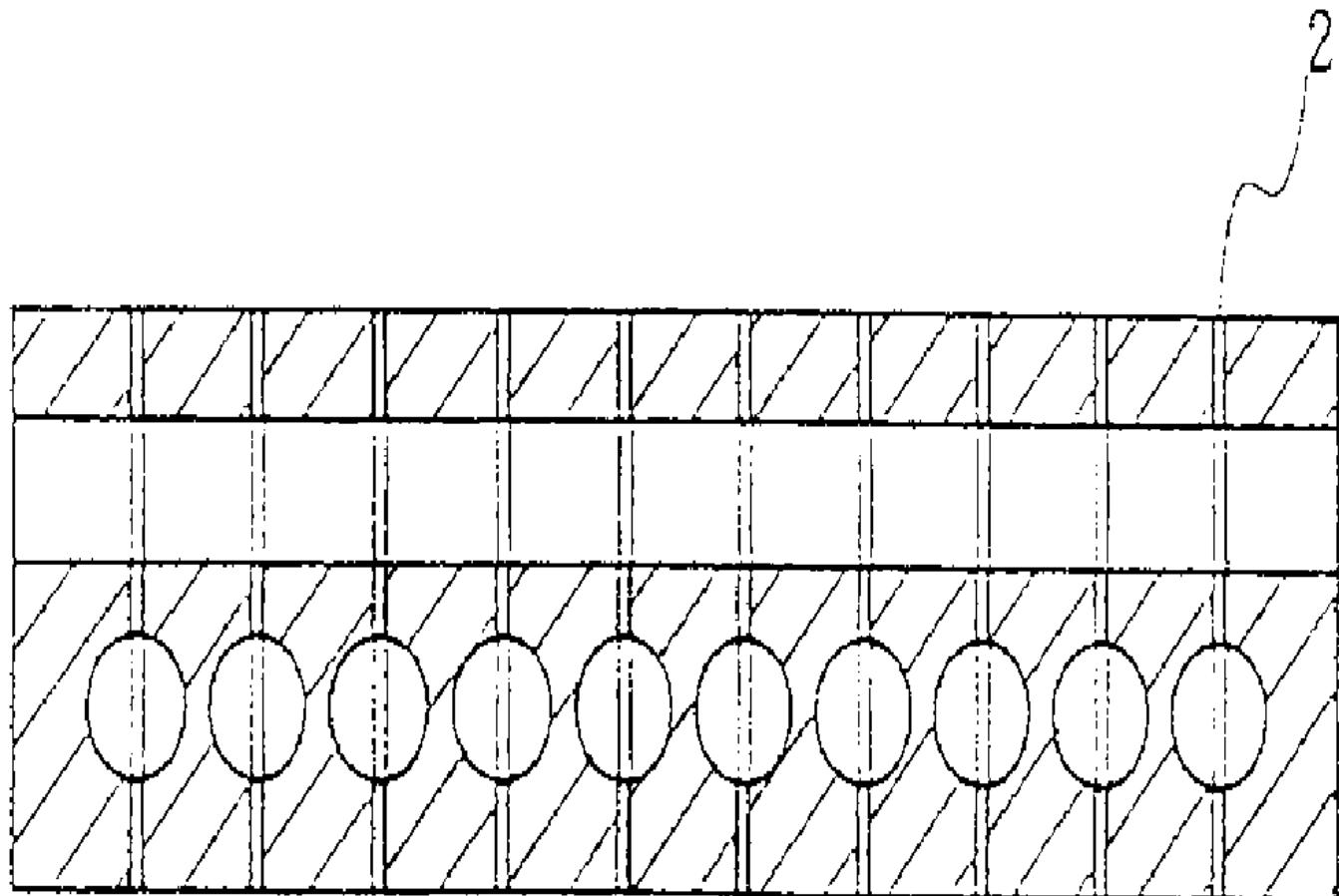
2



3b



2c



2d

