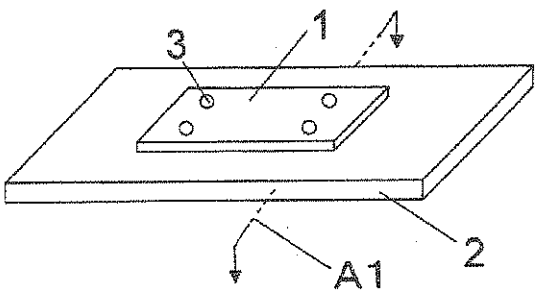
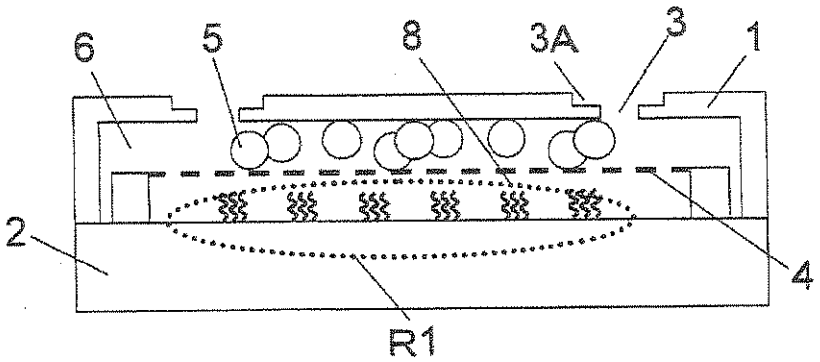
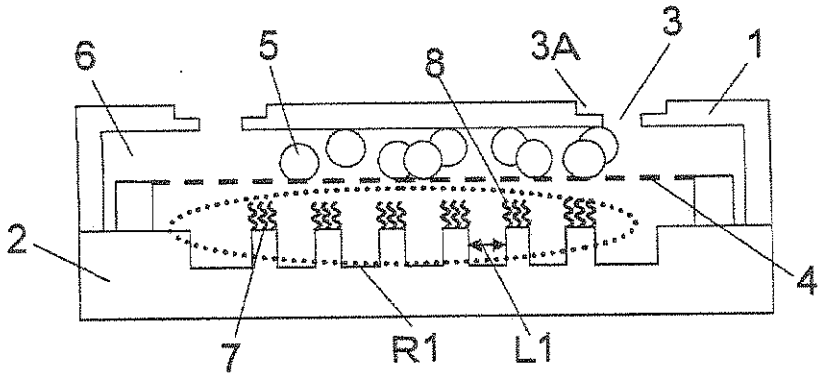
[図1]



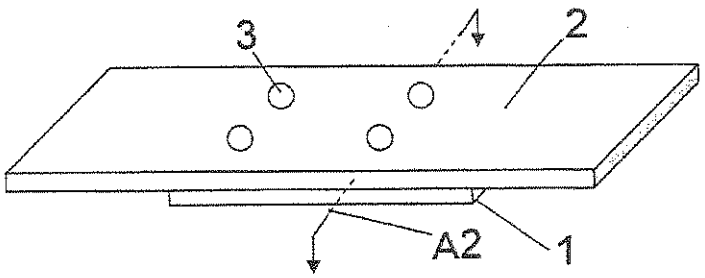
[図2]



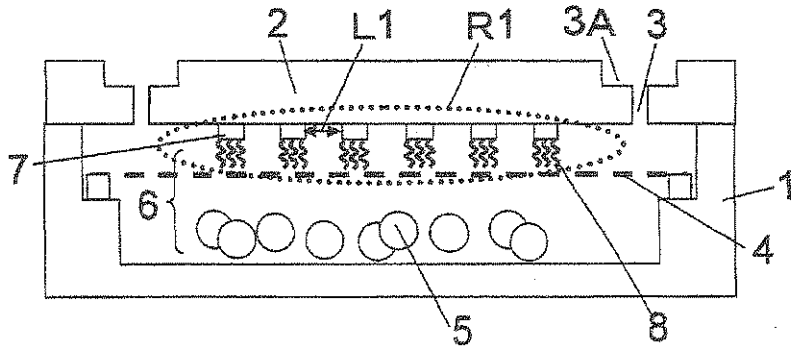
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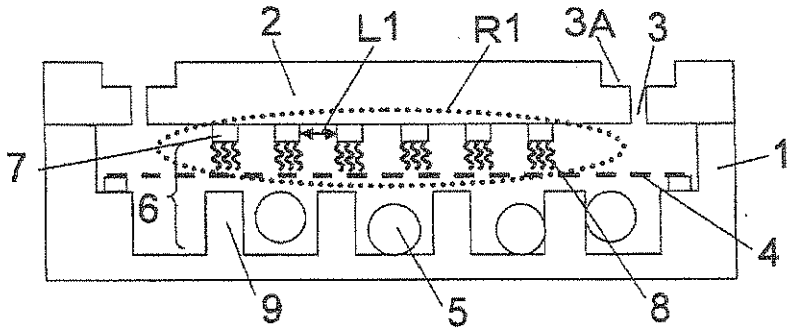
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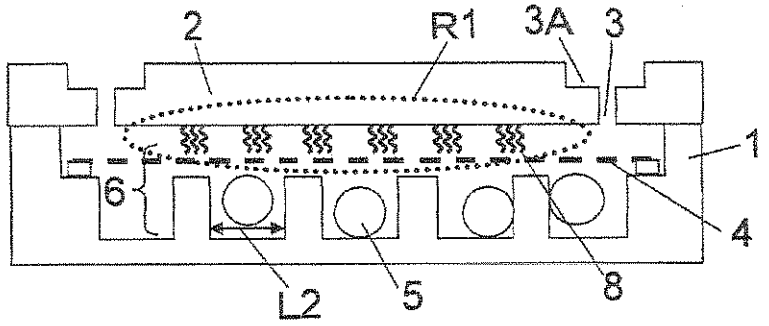
[図5]


2
L1
R1
3A
3
7
6
1
4
5
8

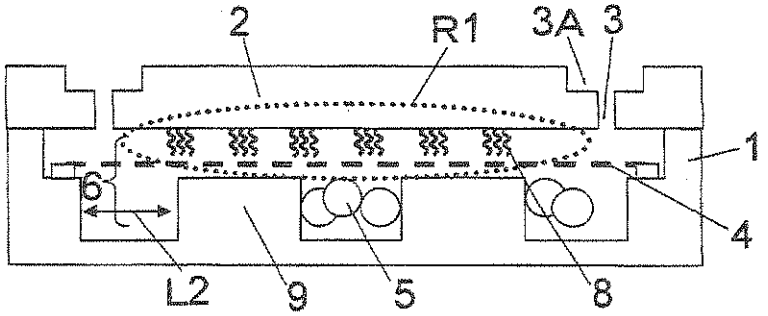
[図6]


2
L1
R1
3A
3
7
6
1
4
9
5
8

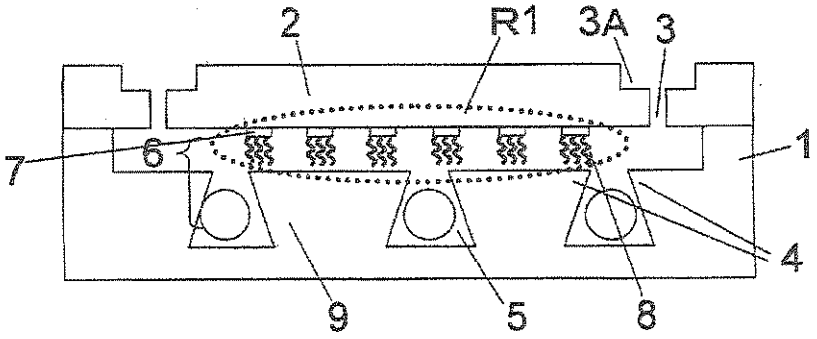
[図7]


2
R1
3A
3
6
1
4
L2
5
8

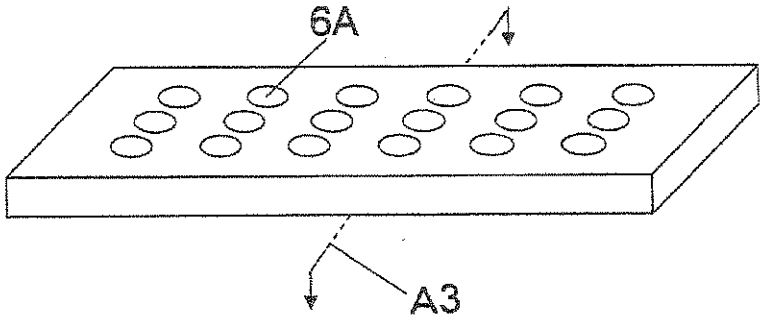
[図8]


2
R1
3A
3
6
1
4
L2
9
5
8

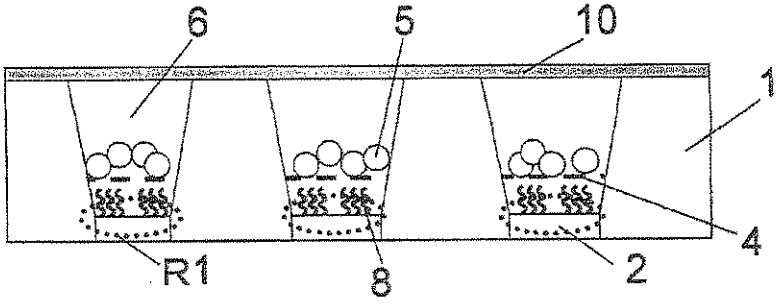
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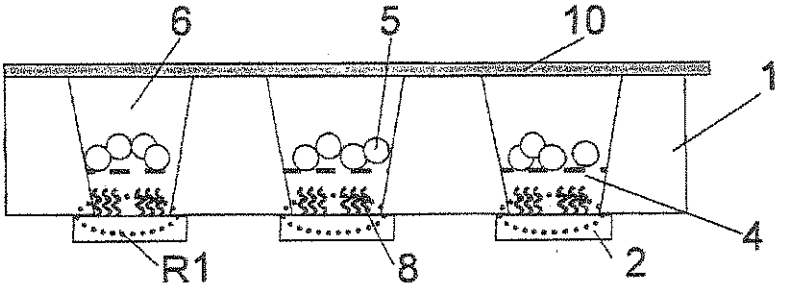
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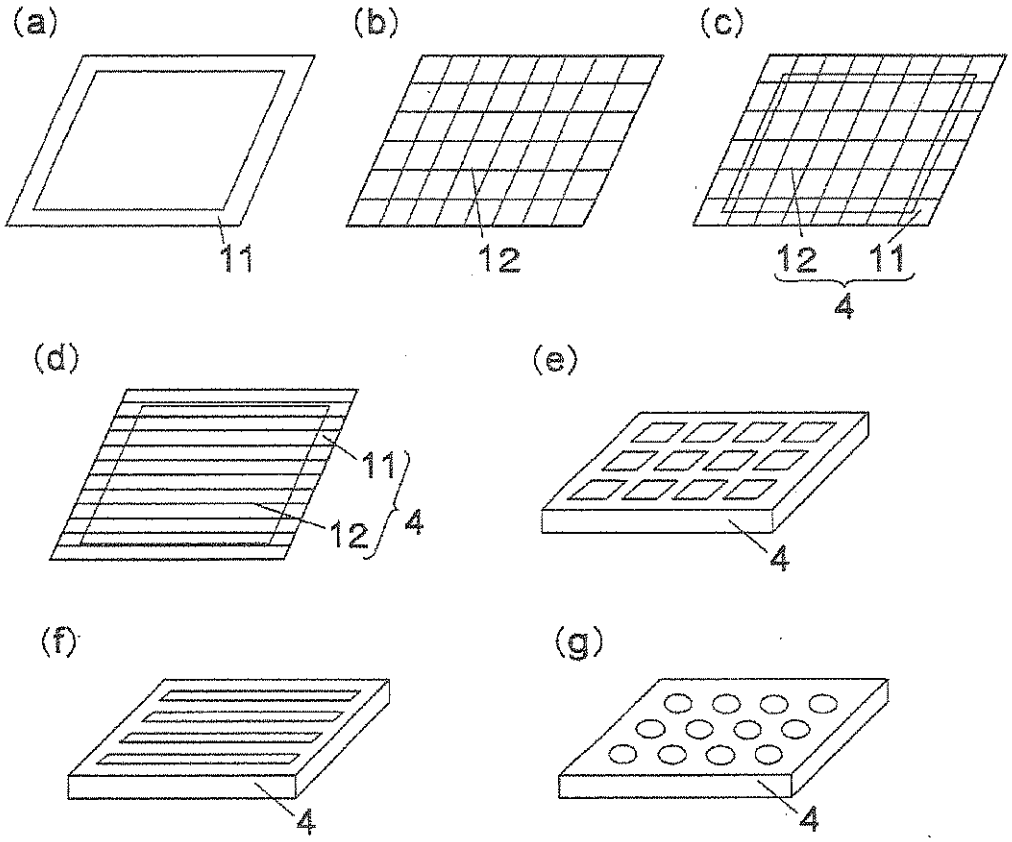
[図11]



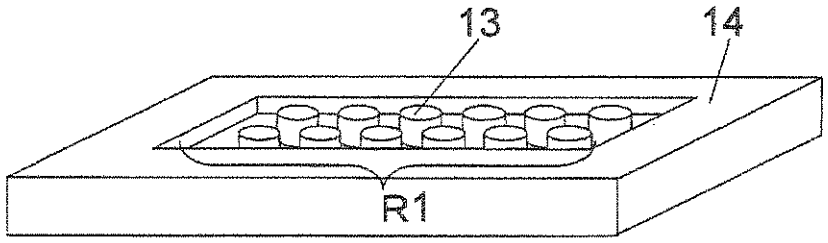
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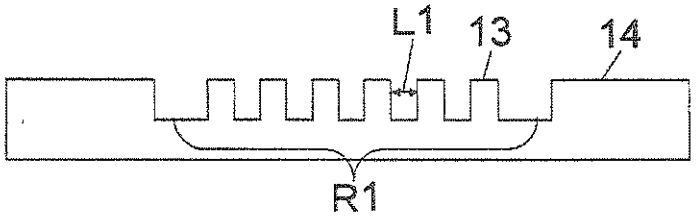
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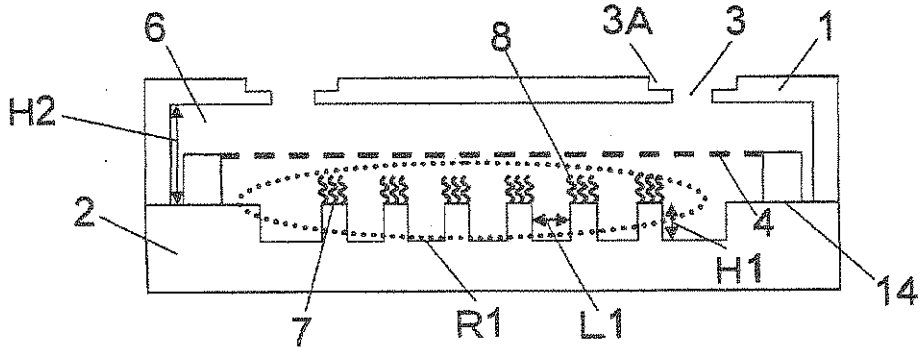
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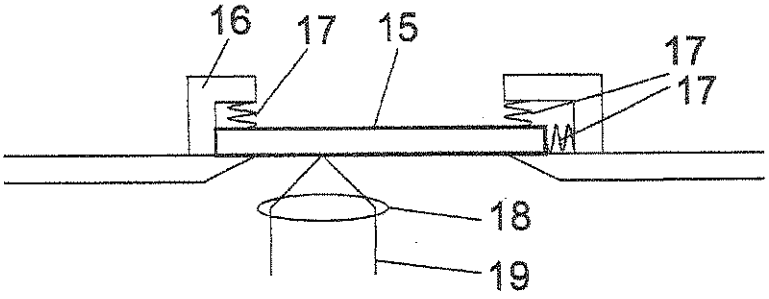
[図15]



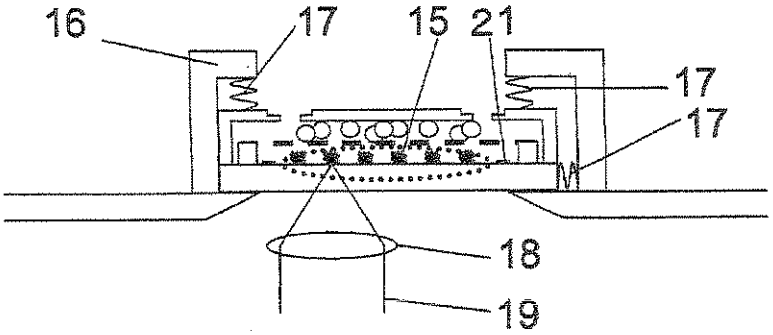
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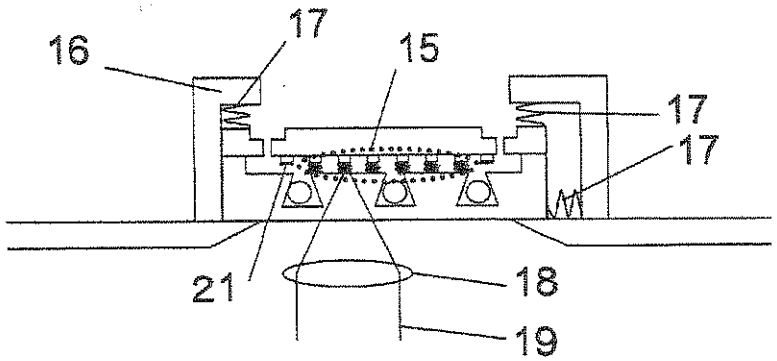
[図17]



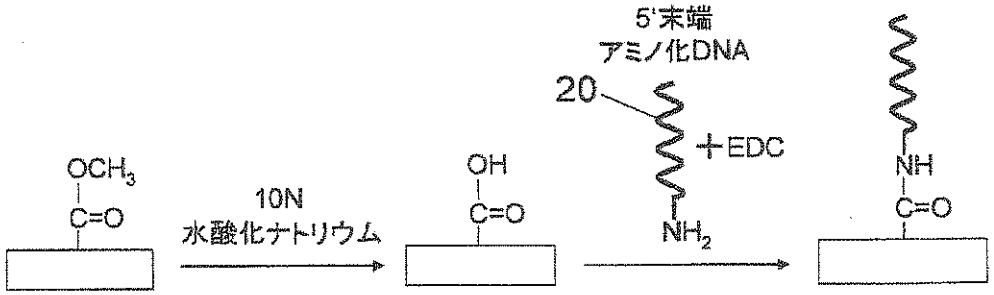
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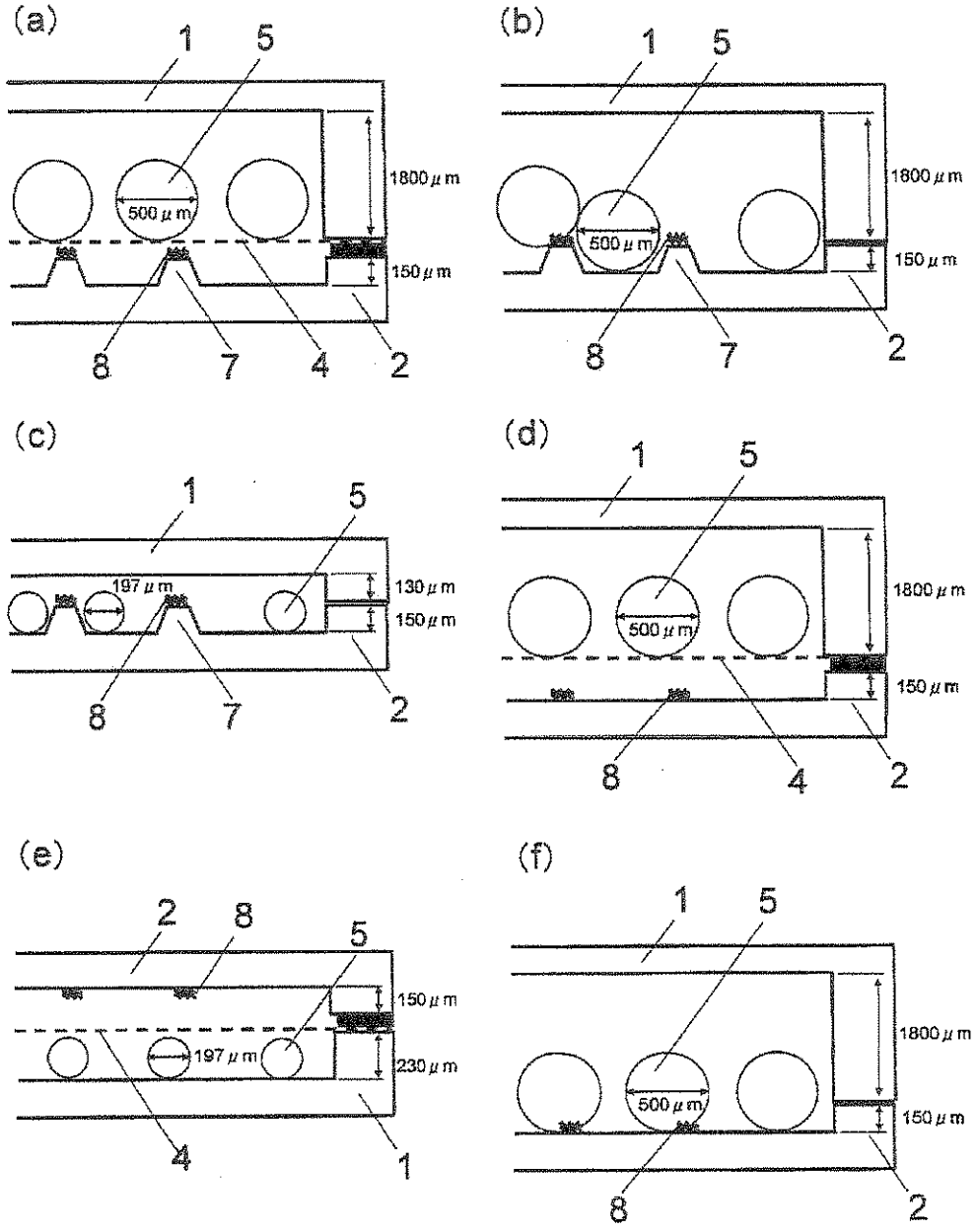
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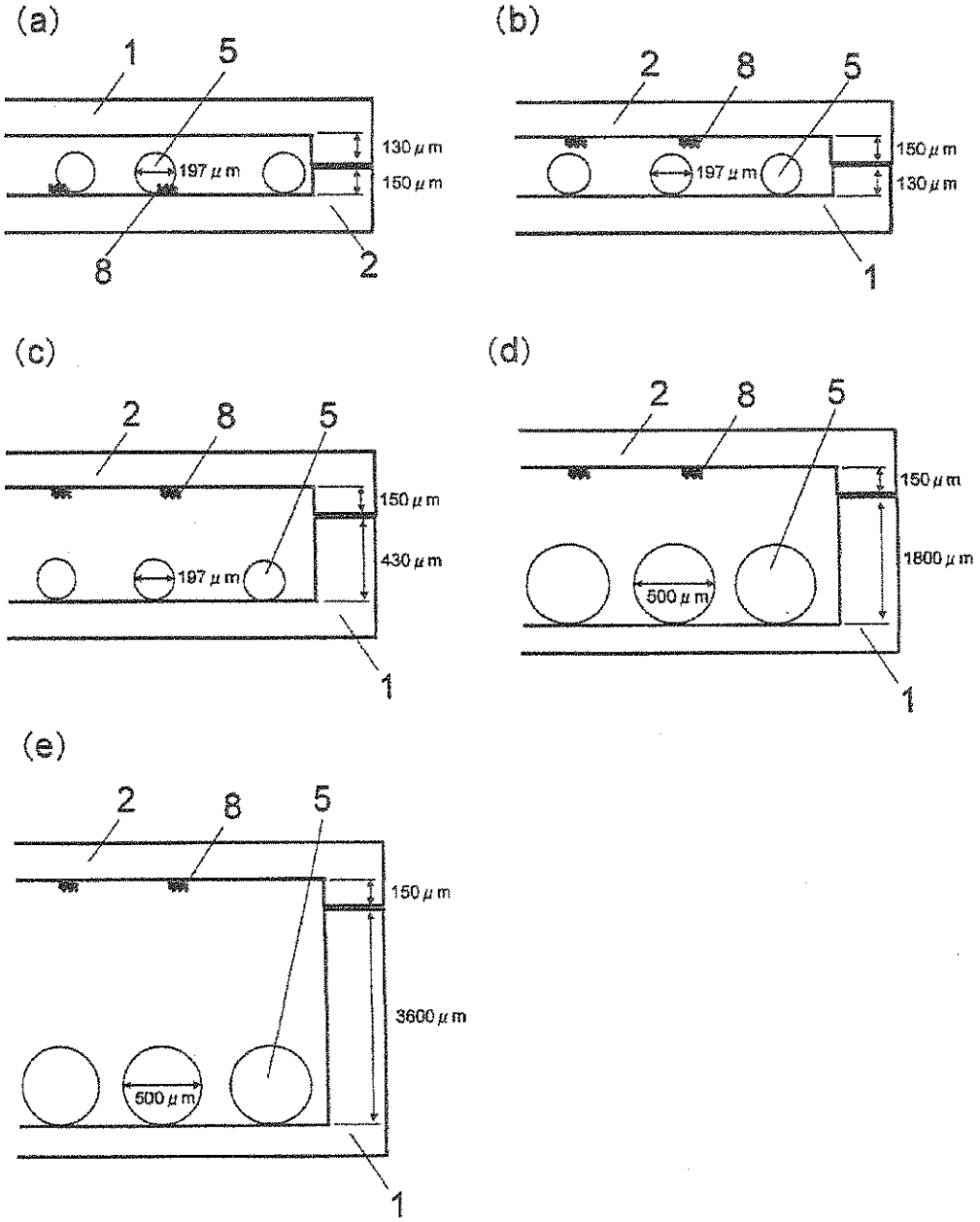
[図20]


5'末端
アミノ化DNA
20
+EDC
OCH3
C=O
10N
水酸化ナトリウム
OH
C=O
NH
C=O
NH2

[図21]


(a)
1
5
1800μm
500μm
150μm
8
7
4
2
(b)
1
5
1800μm
500μm
150μm
8
7
2
(c)
1
5
197μm
130μm
150μm
8
7
2
(d)
1
5
1800μm
500μm
150μm
8
4
2
(e)
2
8
5
150μm
197μm
230μm
4
1
(f)
1
5
1800μm
500μm
150μm
8
2

[図22]


(a)
1
5
130μm
197μm
150μm
8
2
(b)
2
8
5
150μm
197μm
130μm
1
(c)
2
8
5
150μm
430μm
197μm
1
(d)
2
8
5
150μm
1800μm
500μm
1
(e)
2
8
5
150μm
3600μm
500μm
1