

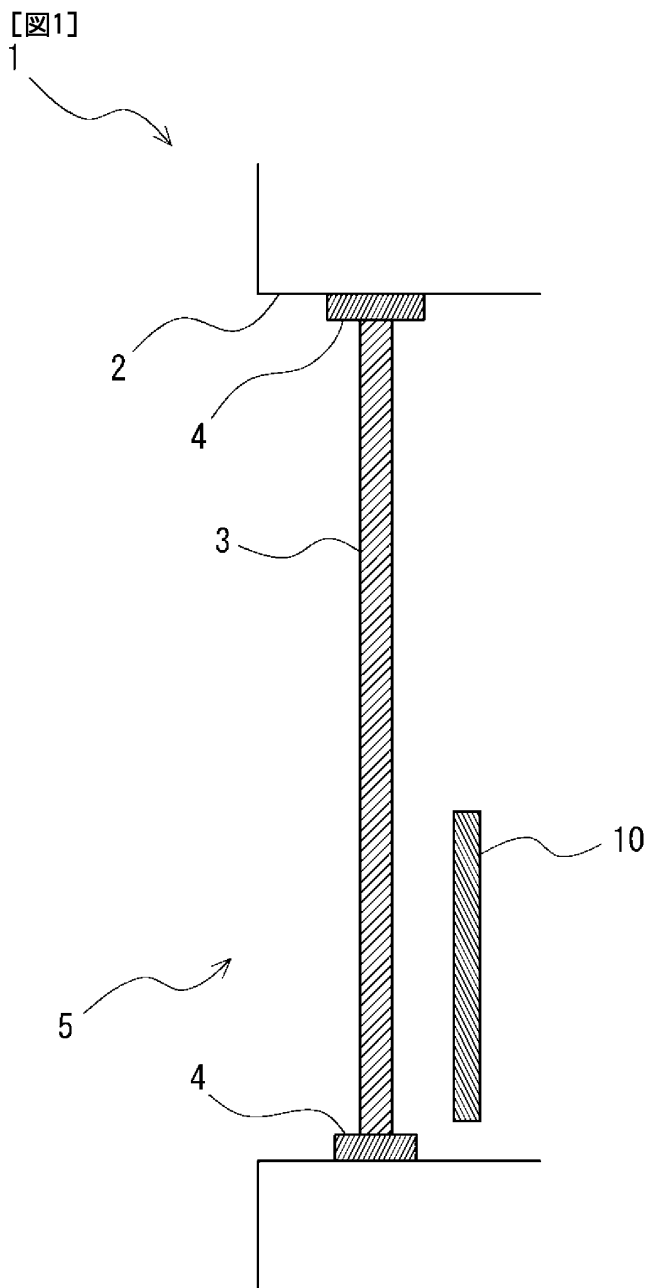


Fig. 1

[図2]

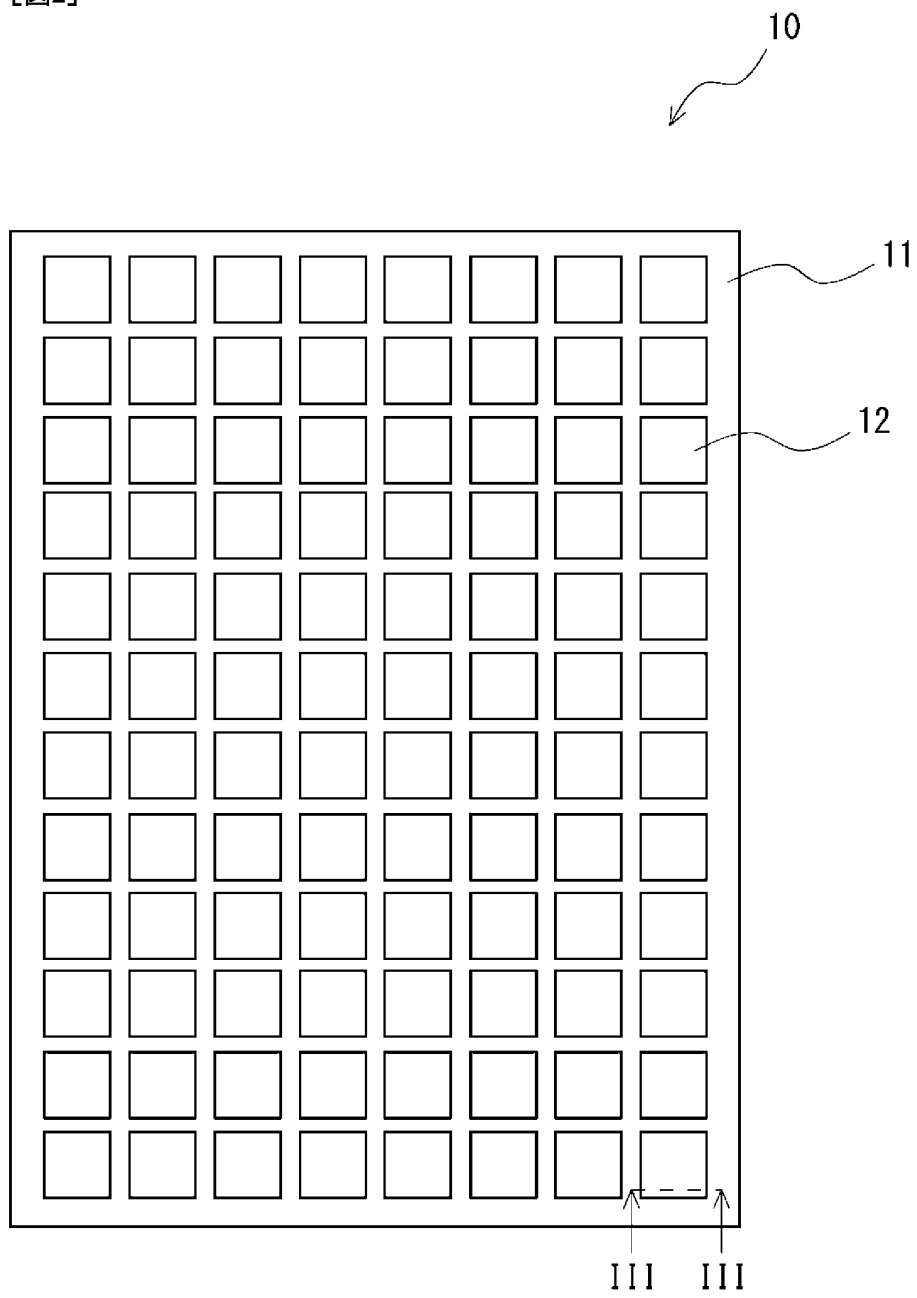


Fig. 2

[図3]

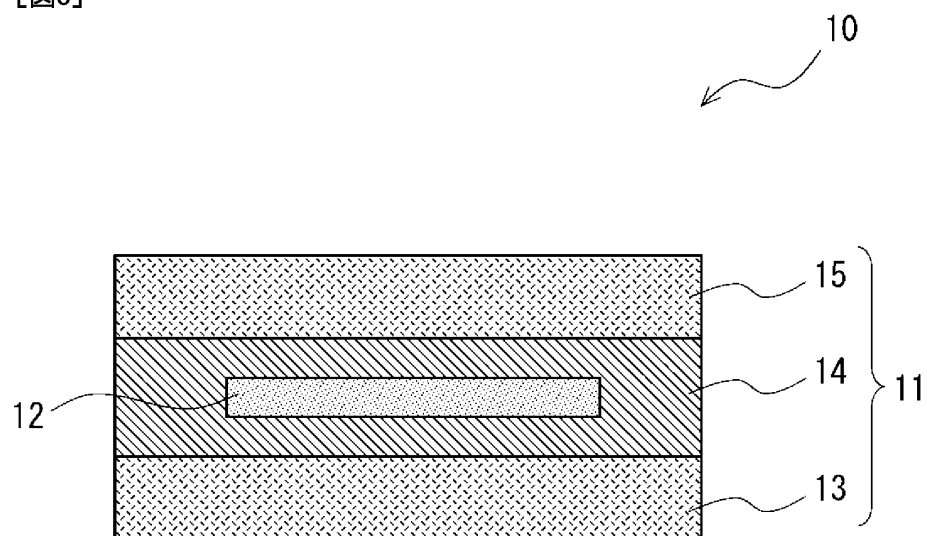


Fig. 3

1

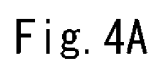


Fig. 4A

[図4B]

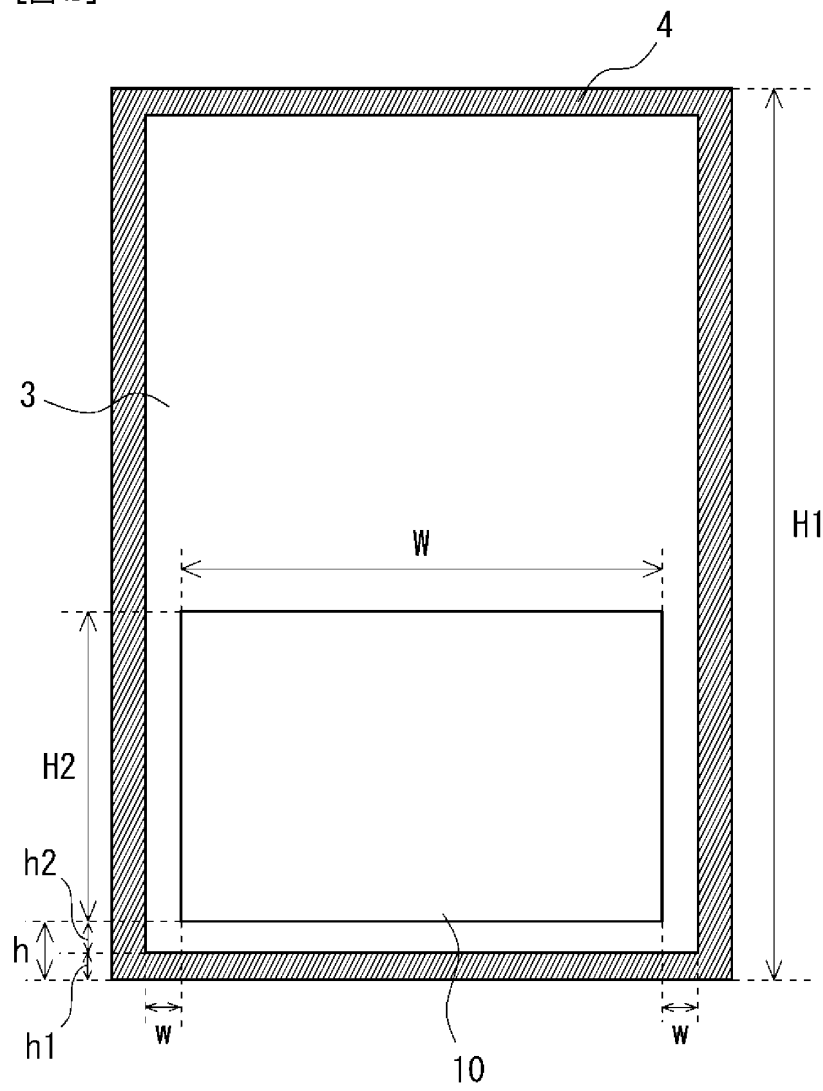


Fig. 4B

[図4C]

1

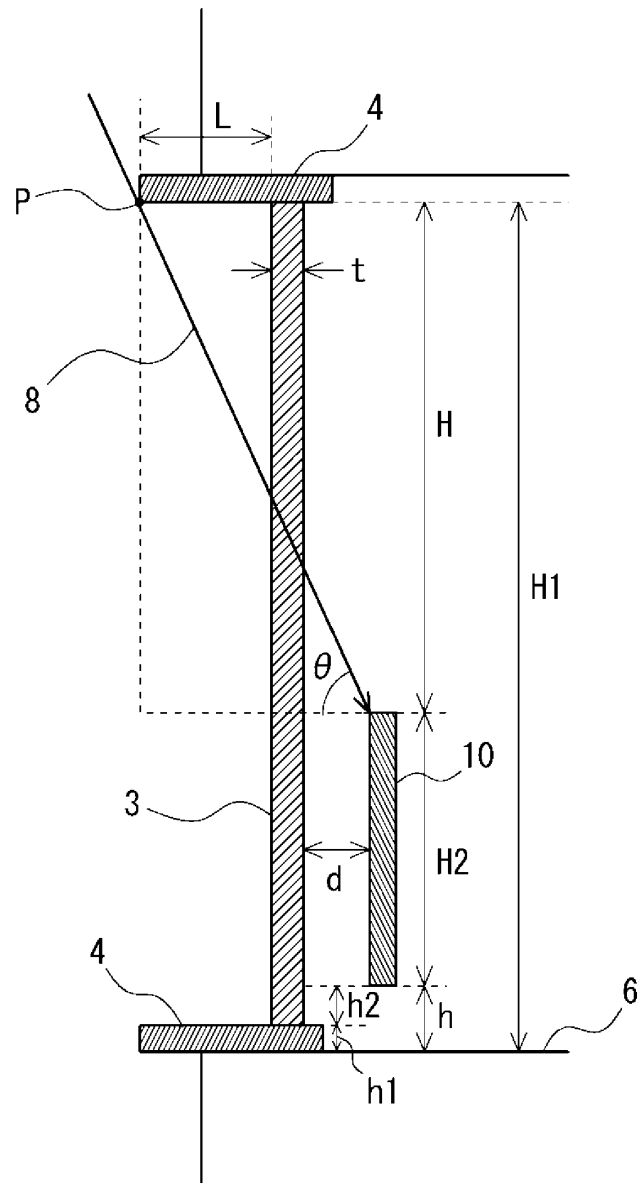


Fig. 4C

[図4D]

1

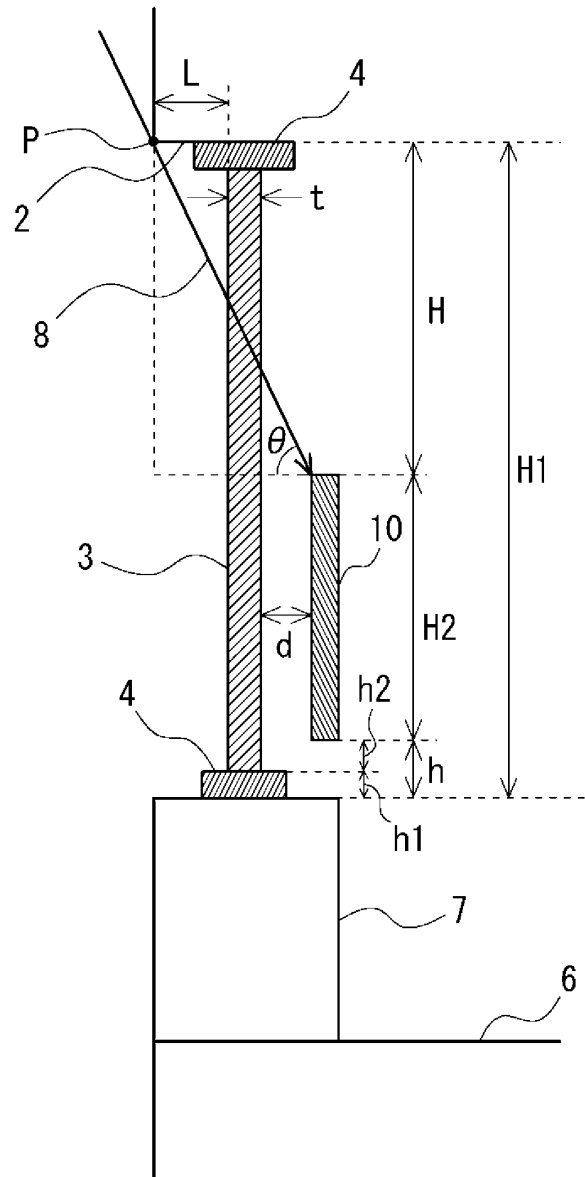


Fig. 4D

[図5]

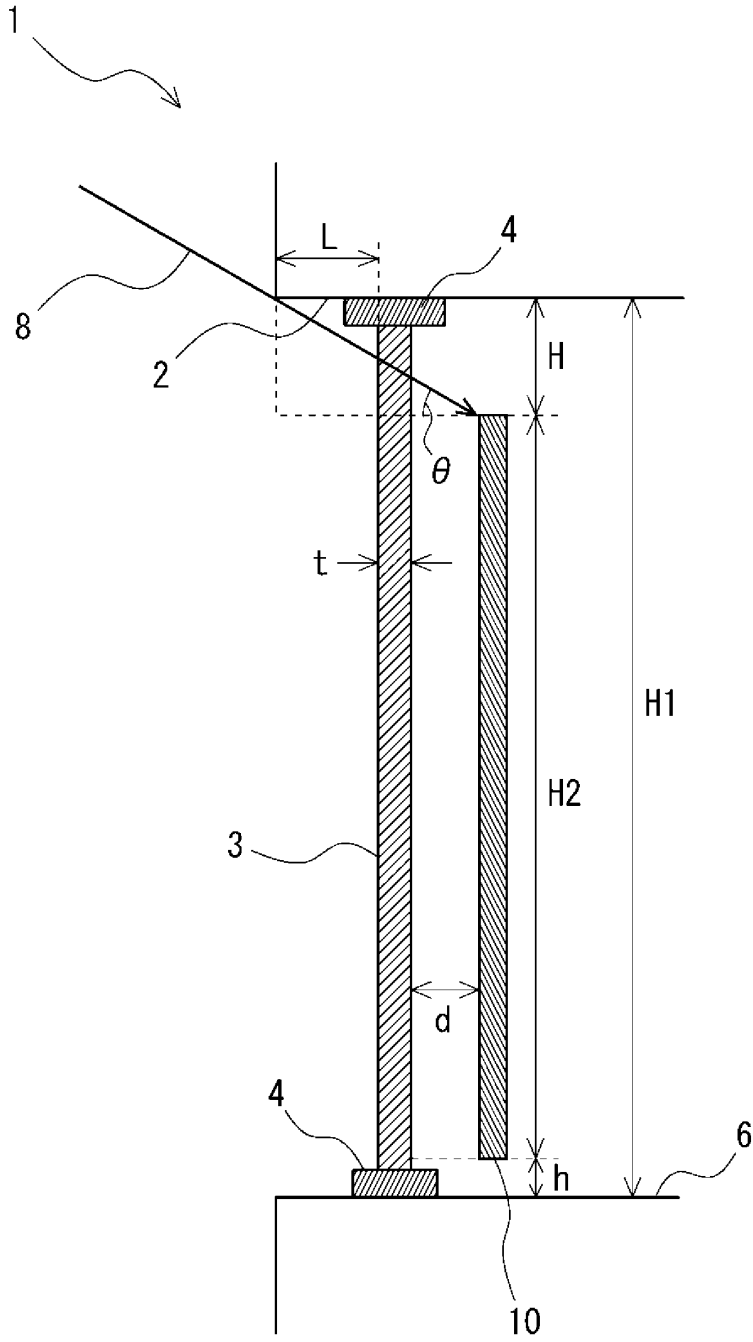


Fig. 5

1

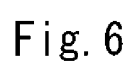


Fig. 6

[図7]

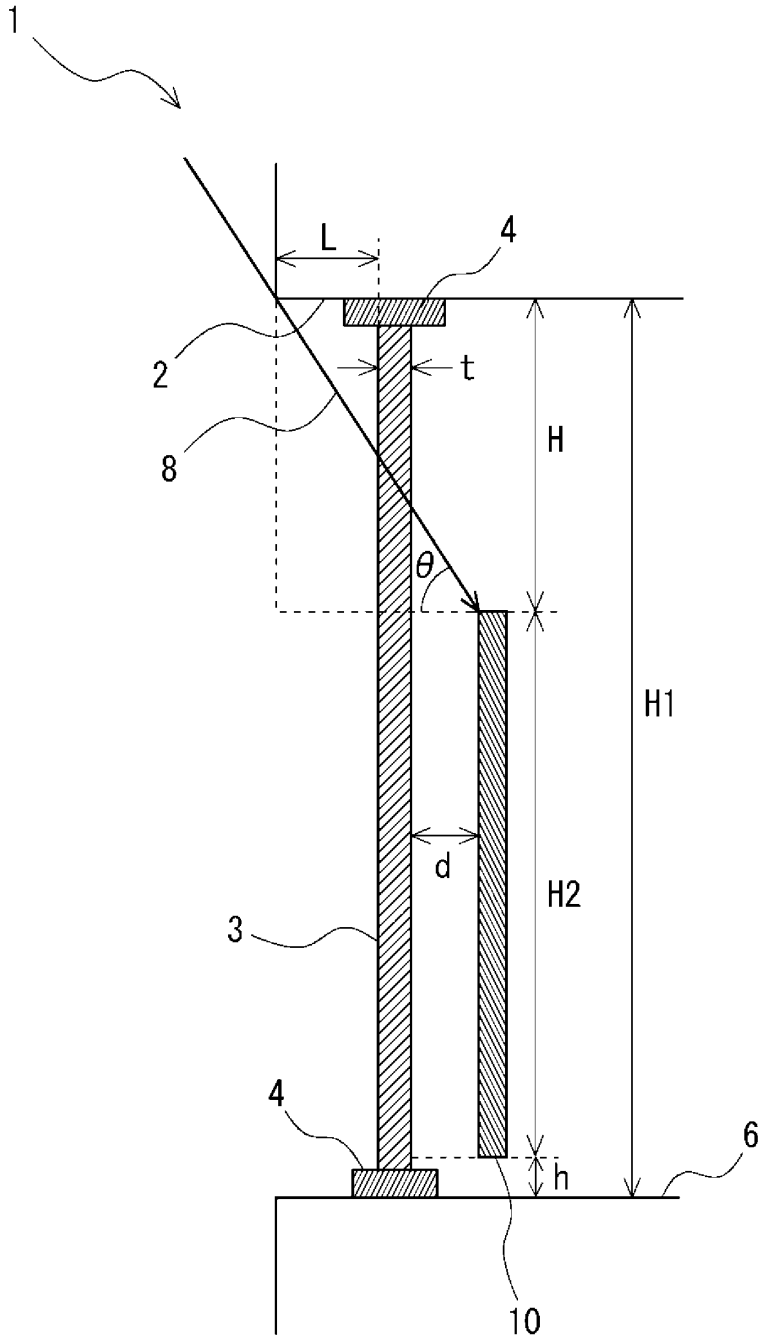


Fig. 7

[図8]

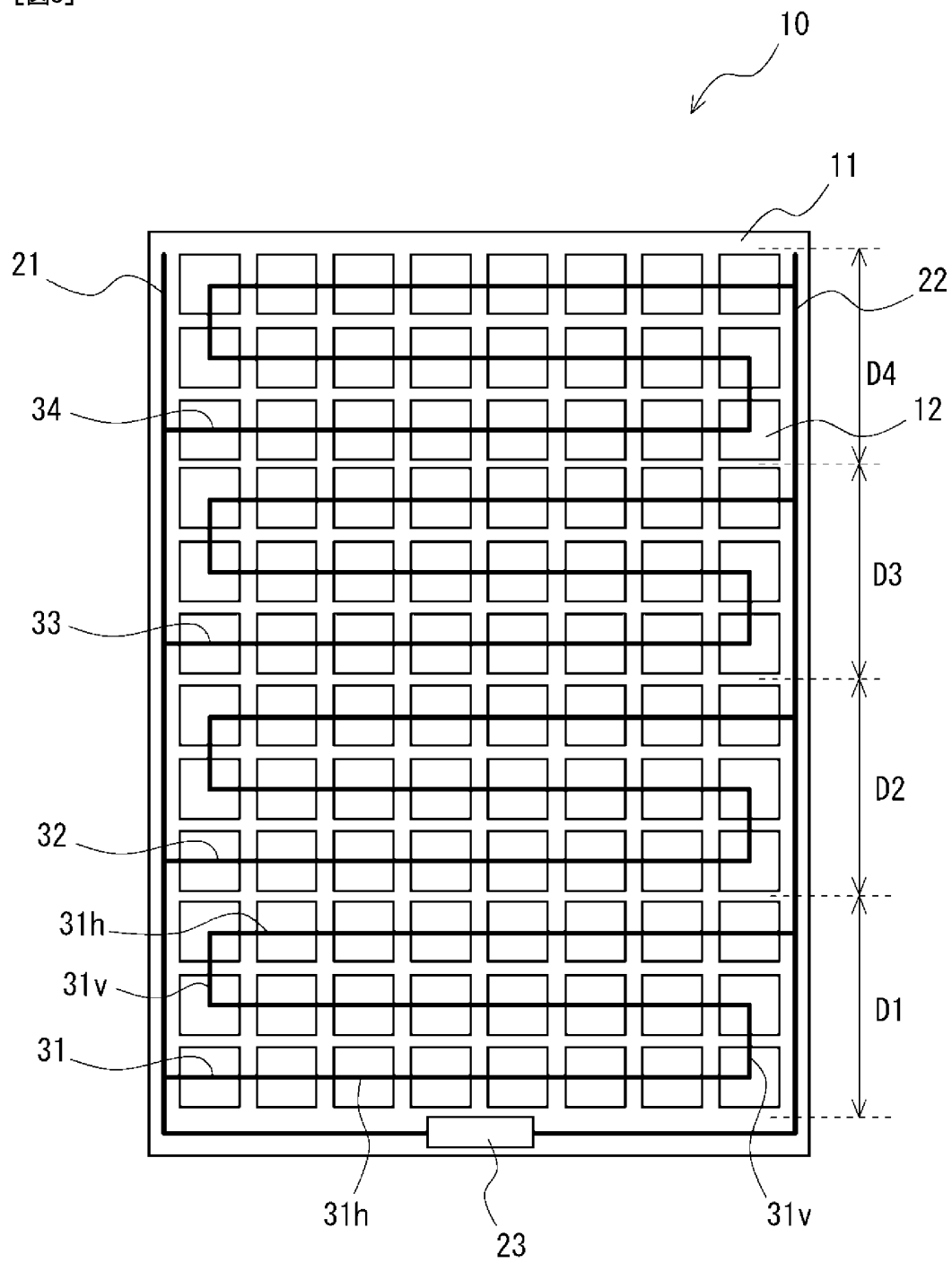


Fig. 8

[図9]

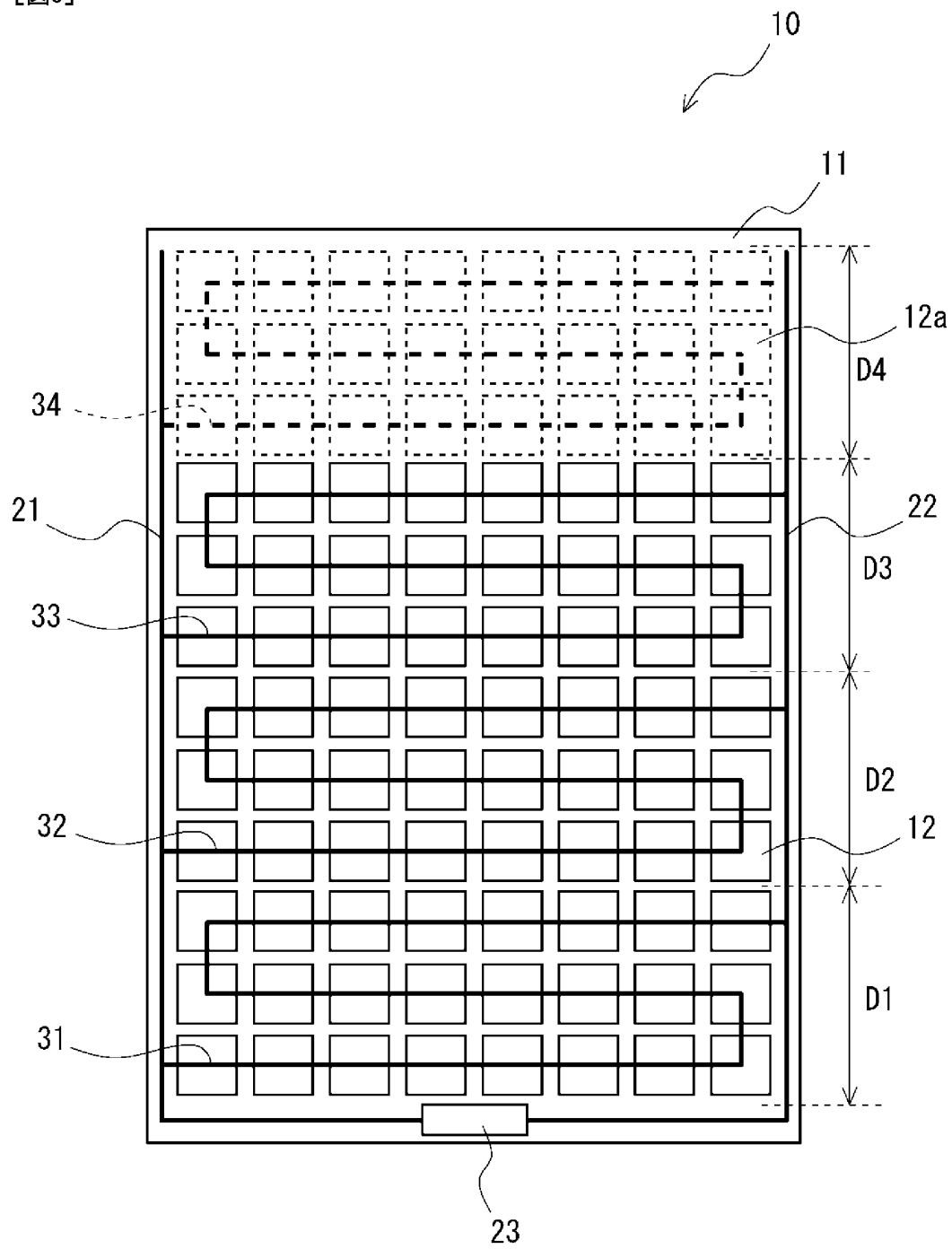


Fig. 9

[図10]

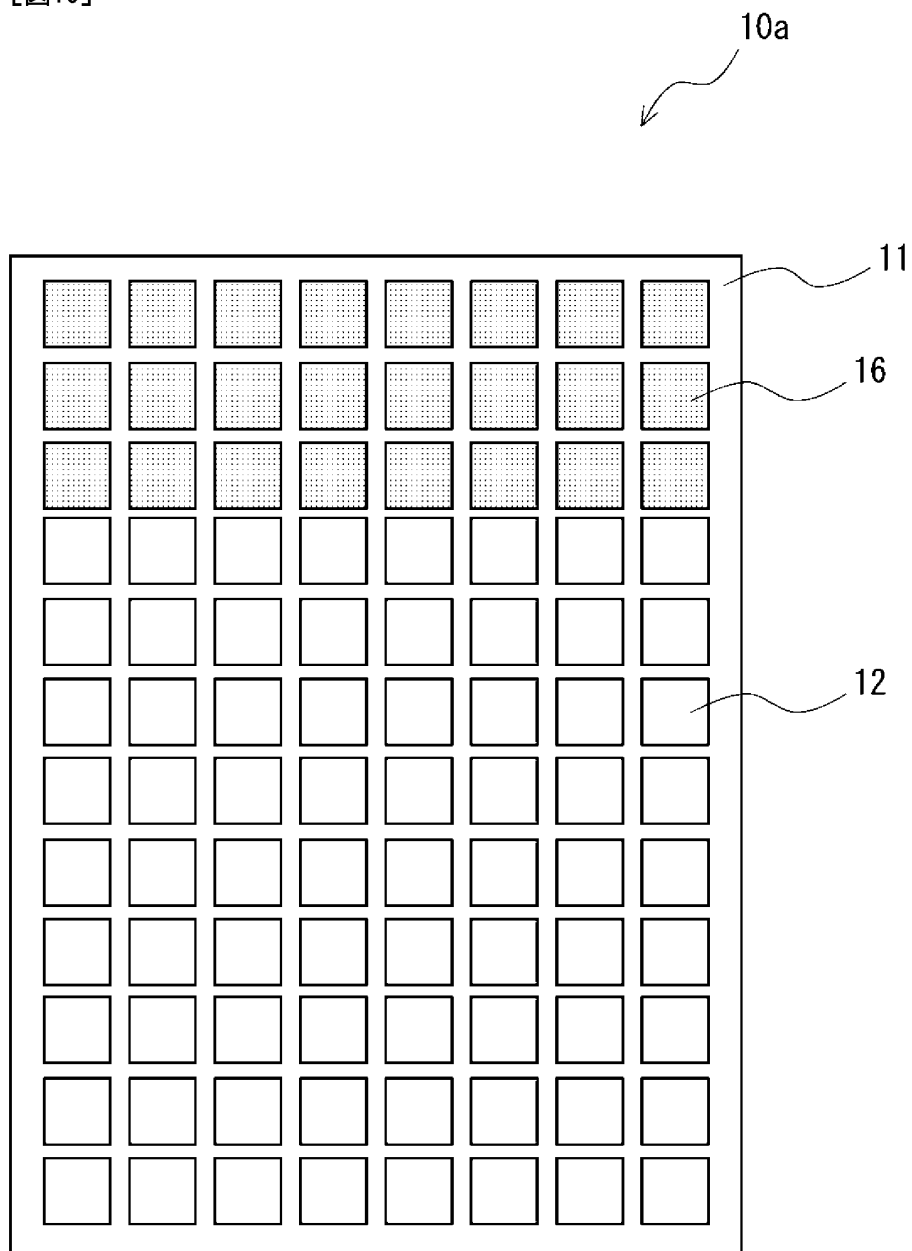


Fig. 10

[図11]

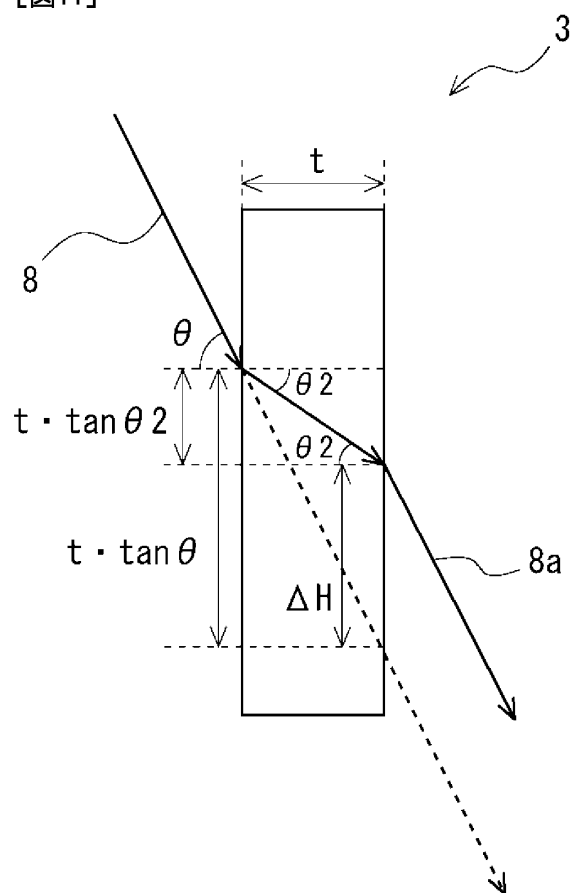


Fig. 11

[図12]

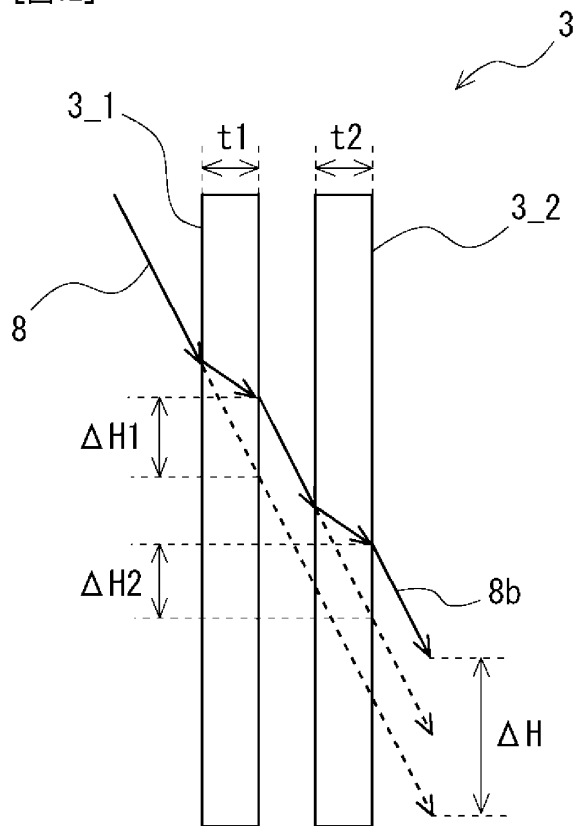


Fig. 12

[図13]

面間隔dと発生応力の関係

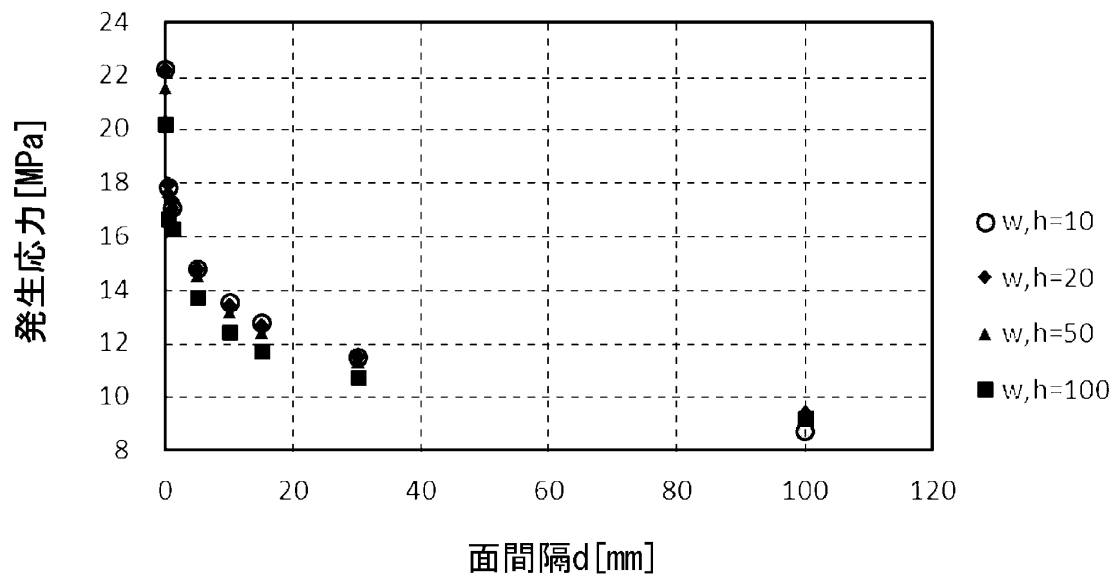


Fig. 13

[図14]

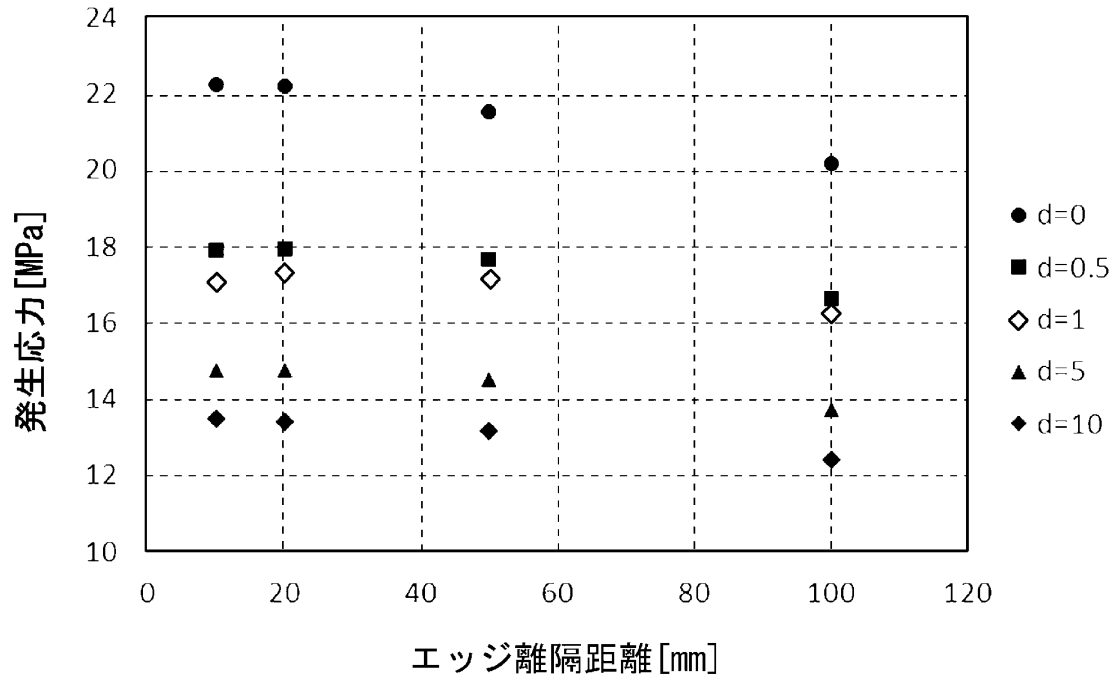


Fig. 14