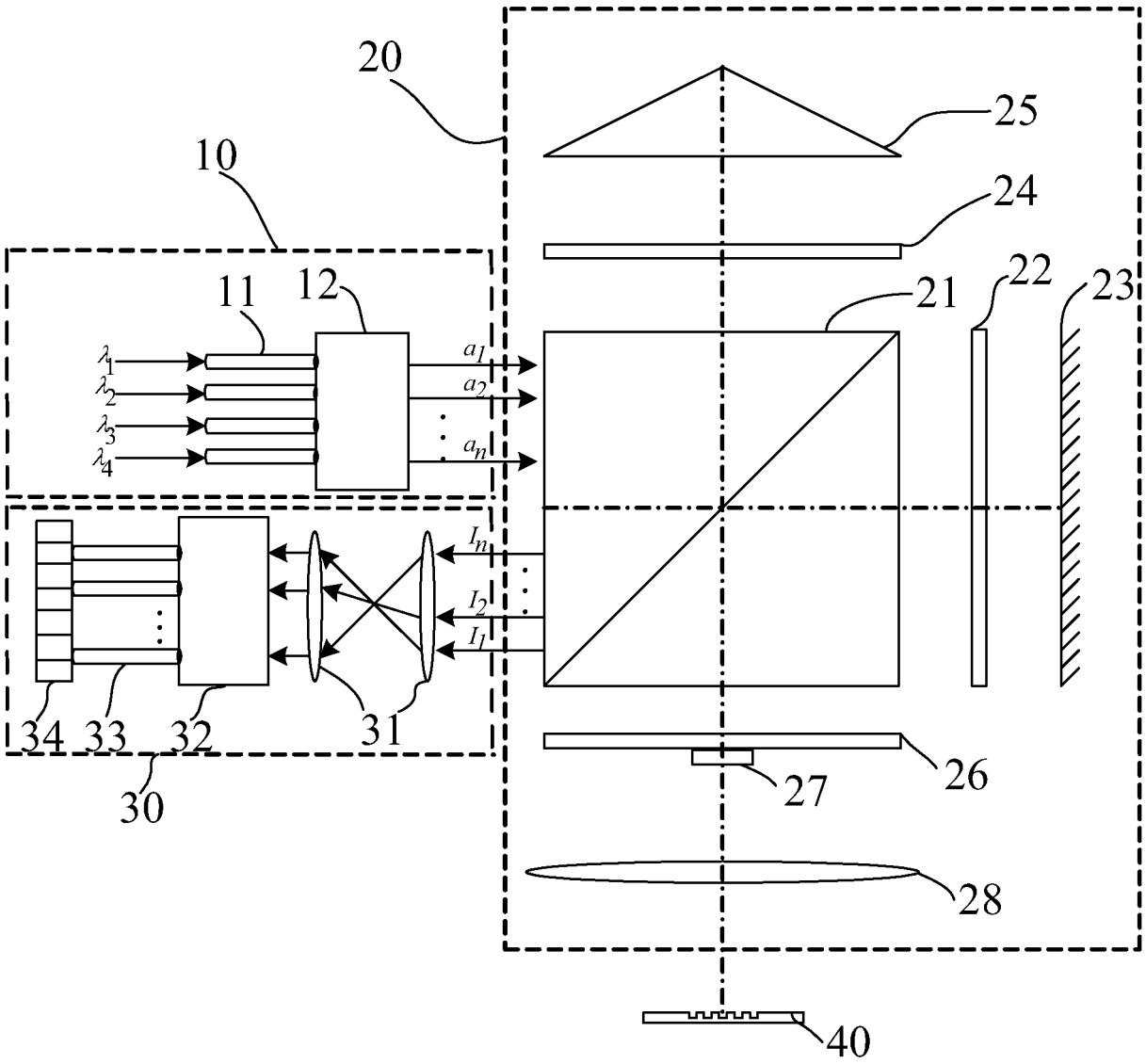
20
25
10
24
11
12
21
22
23
λ_1
λ_2
λ_3
λ_4
a_1
a_2
a_n
I_n
I_2
I_1
34
33
32
31
30
27
26
28
40

图 *1*

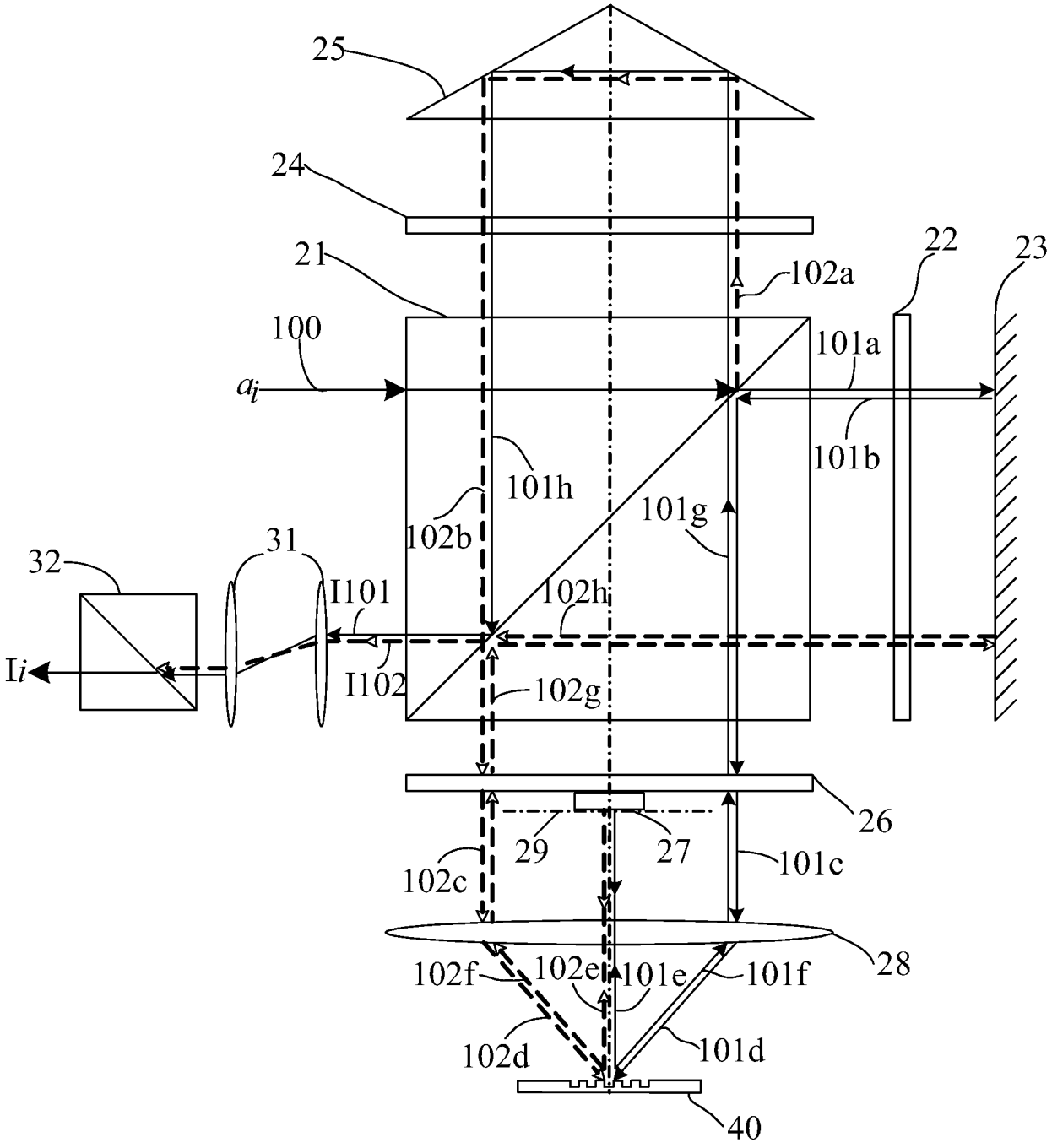
25
24
21
22
23
102a
100
101a
a_i
101b
101h
102b
101g
31
32
I101
102h
I*i*
I102
102g
26
29
27
101c
102c
28
102f
102e
101e
101f
102d
101d
40

图 *2*

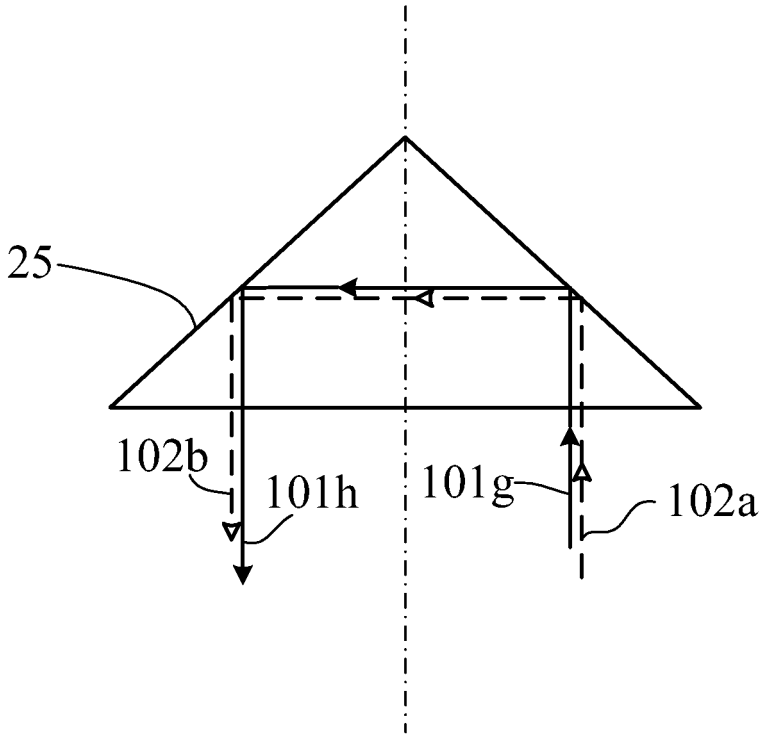

图 *3*

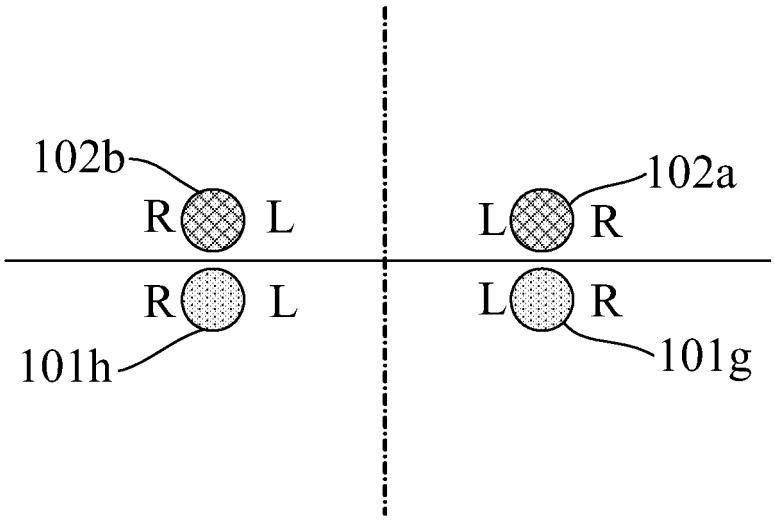

图 *4*

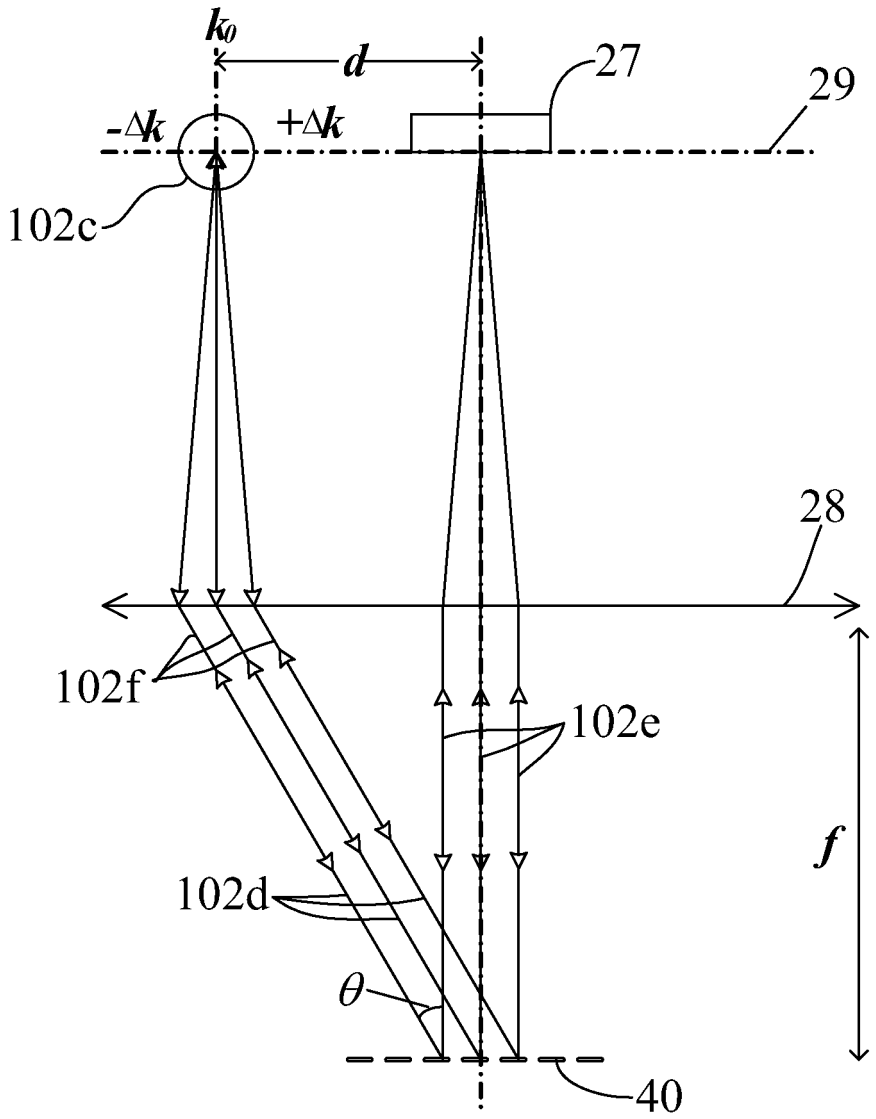

图 *5*

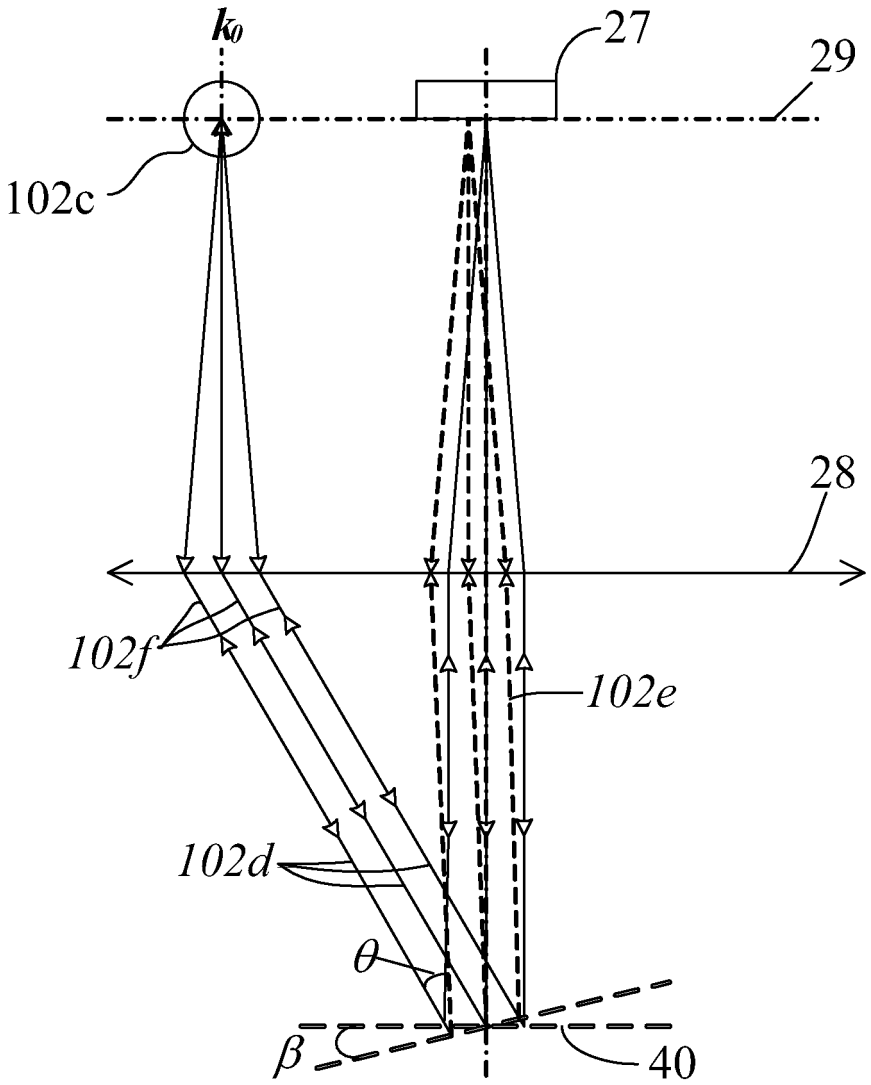

图 *6*

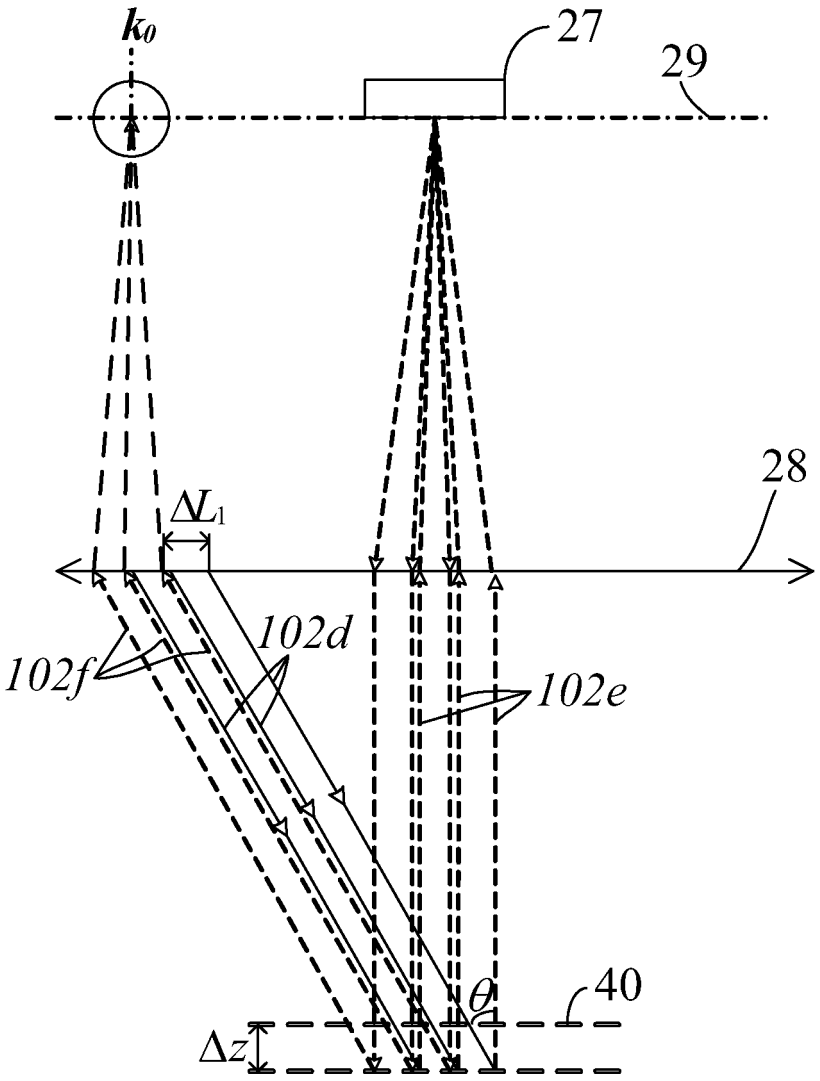

图 7

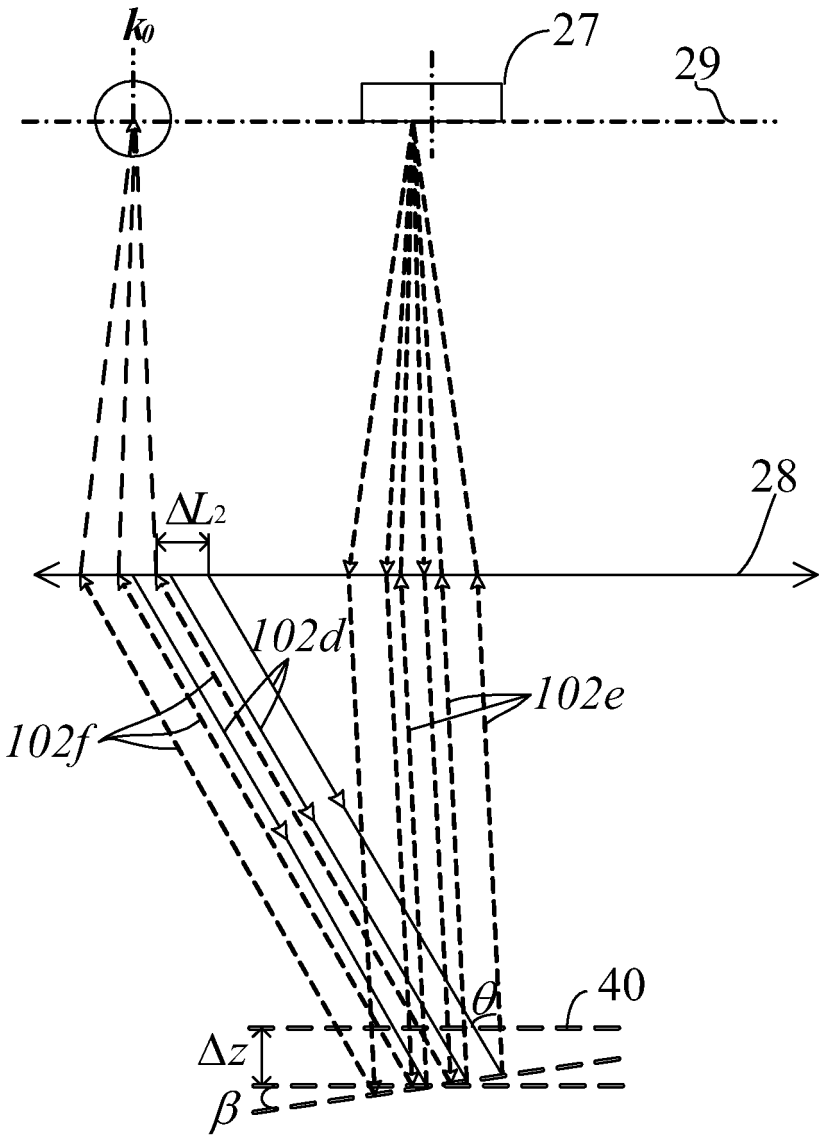

图 *8*

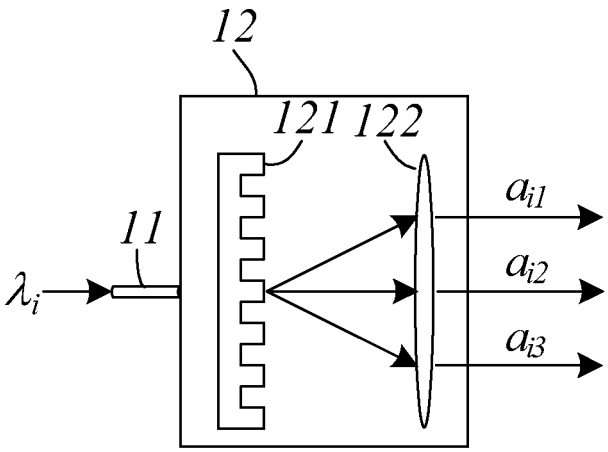
12
121
122
11
λ_i
a_{i1}
a_{i2}
a_{i3}

图 9

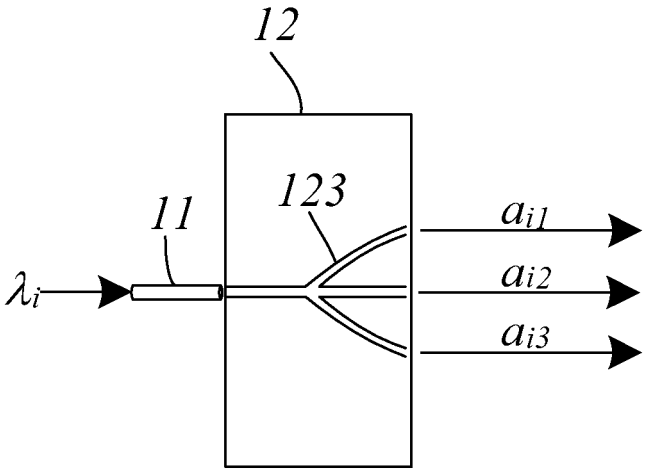
12
123
11
λ_i
a_{i1}
a_{i2}
a_{i3}

图 10

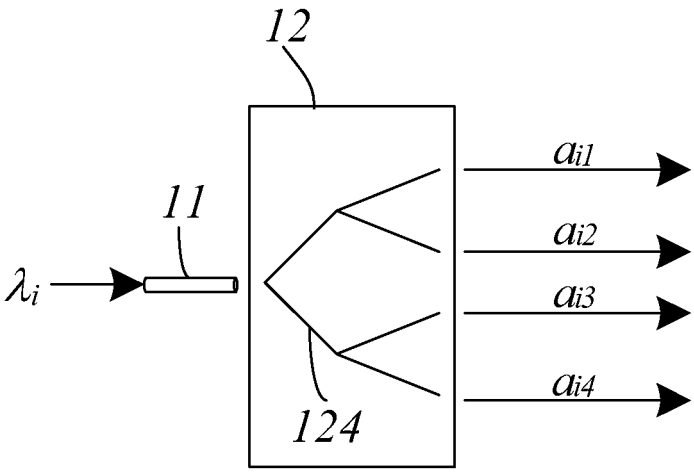
12
11
λ_i
a_{i1}
a_{i2}
a_{i3}
a_{i4}
124

图 11

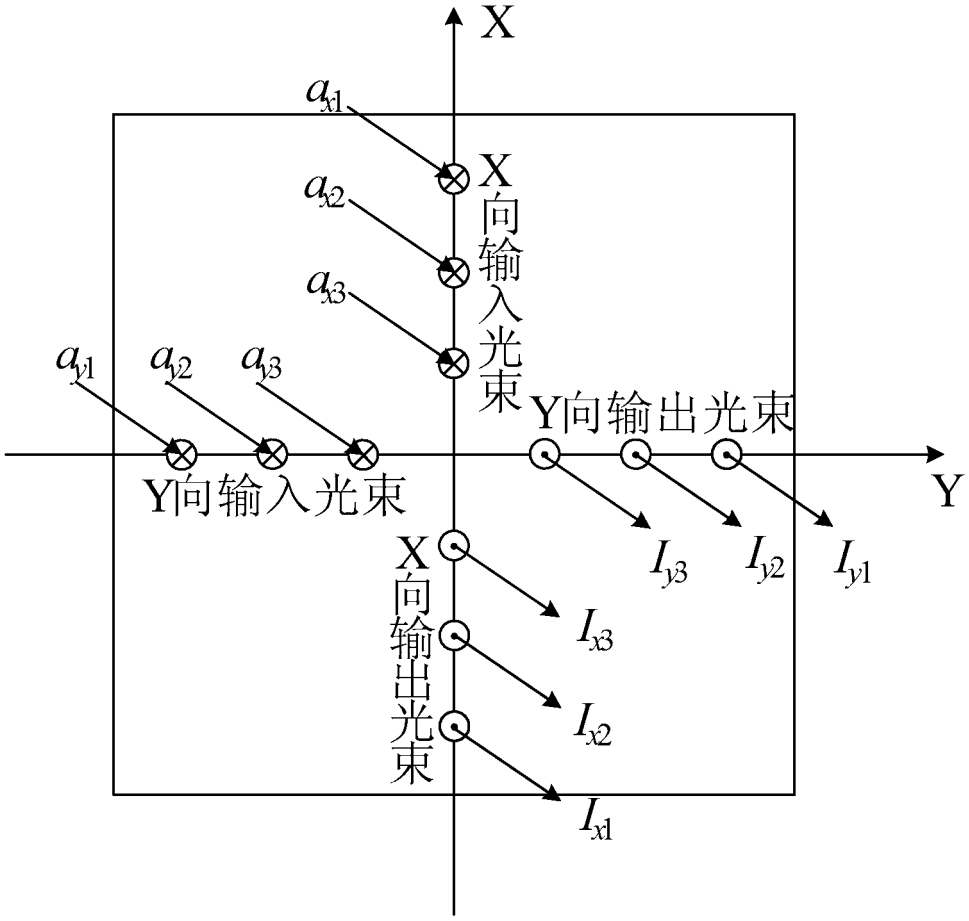
X
a_{x1}
X向输入光束
a_{x2}
a_{x3}
a_{y1}
a_{y2}
a_{y3}
Y向输入光束
Y向输出光束
Y
I_{y3}
I_{y2}
I_{y1}
X向输出光束
I_{x3}
I_{x2}
I_{x1}

图 *12*

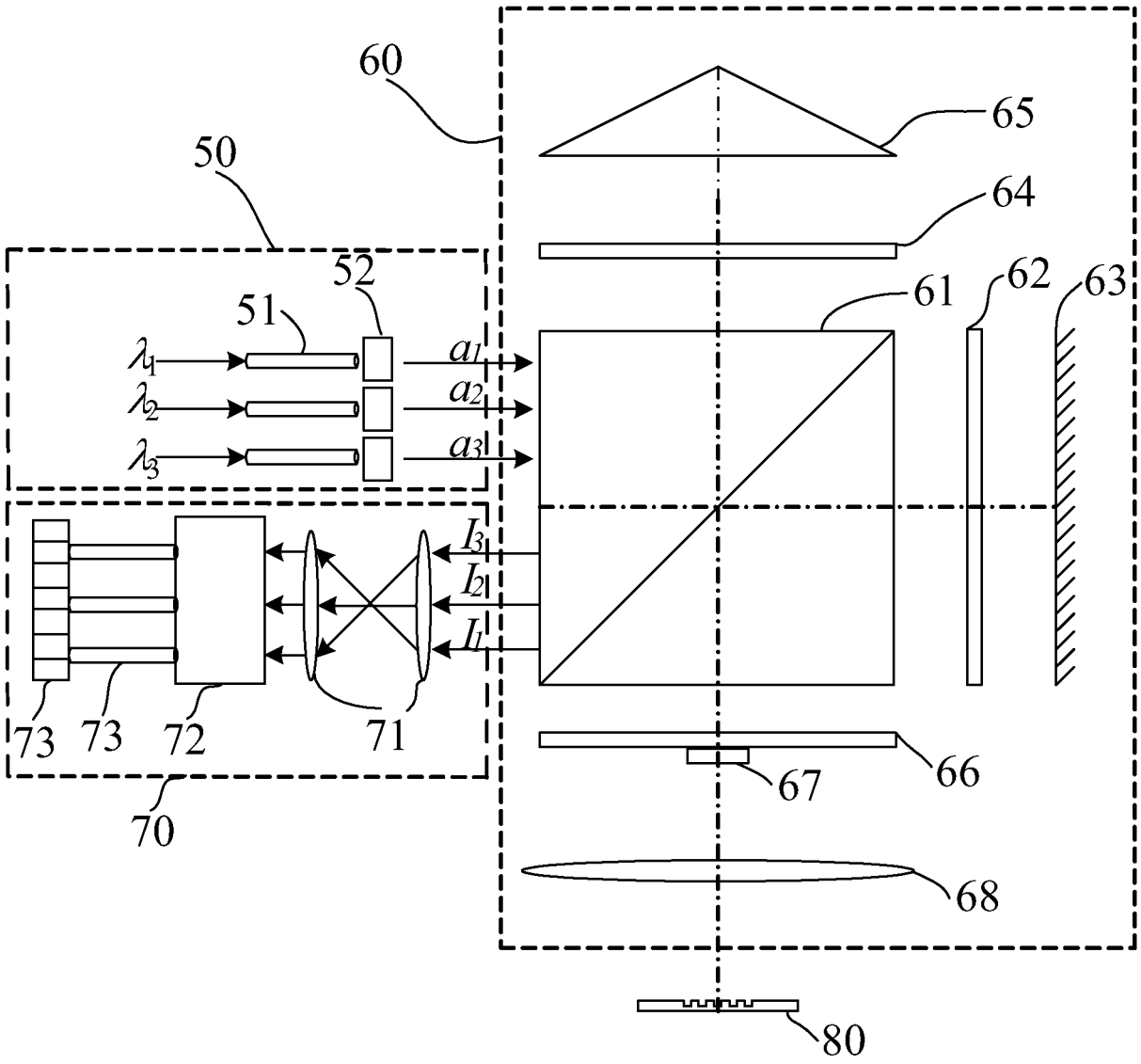
60
65
50
64
52
62
63
51
61
λ1
λ2
λ3
a1
a2
a3
I3
I2
I1
73
73
72
71
67
66
70
68
80

图 *13*