

FIG. 1 (b)

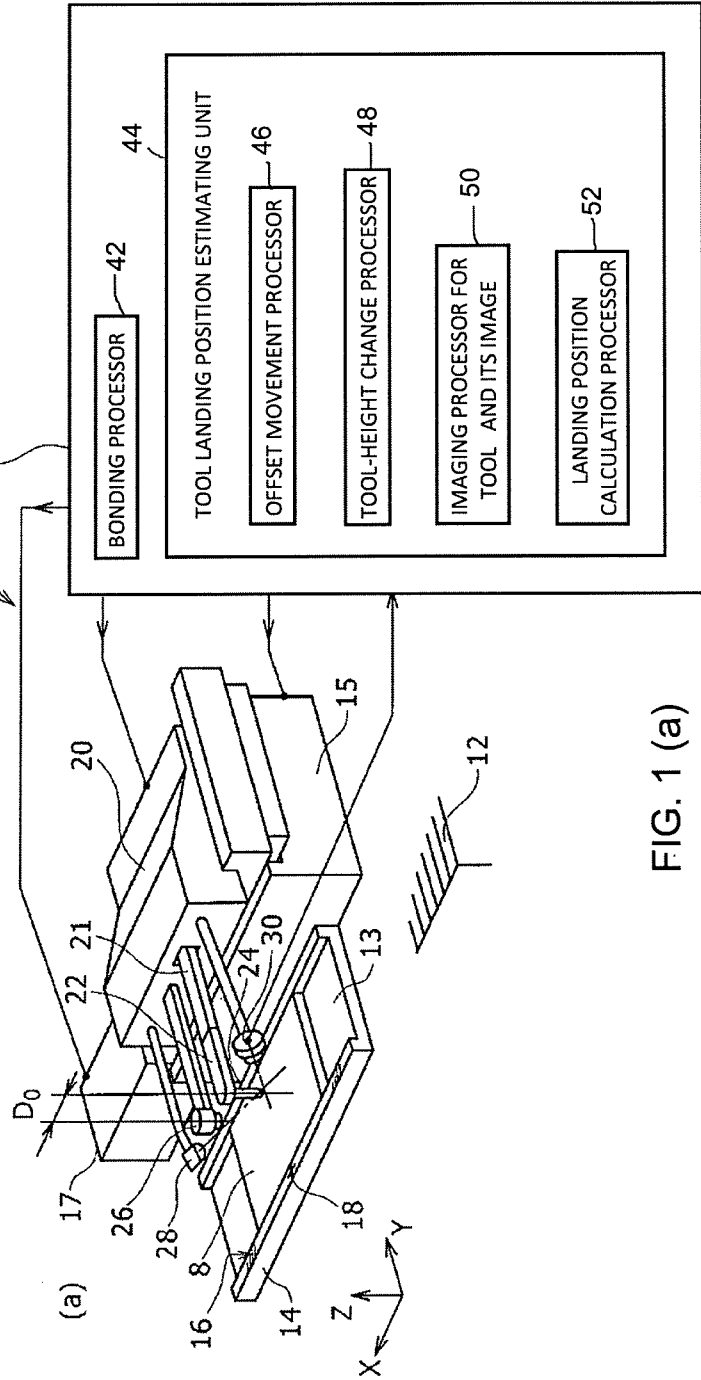


FIG. 1 (a)

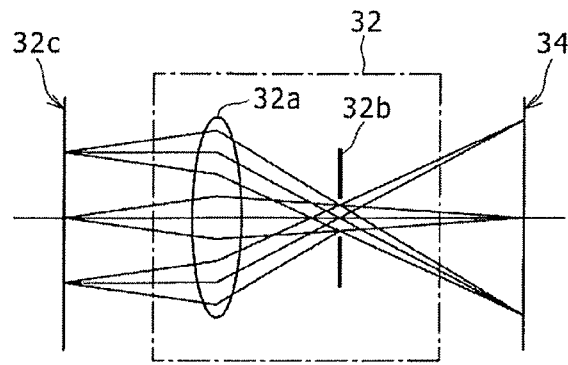


FIG. 2

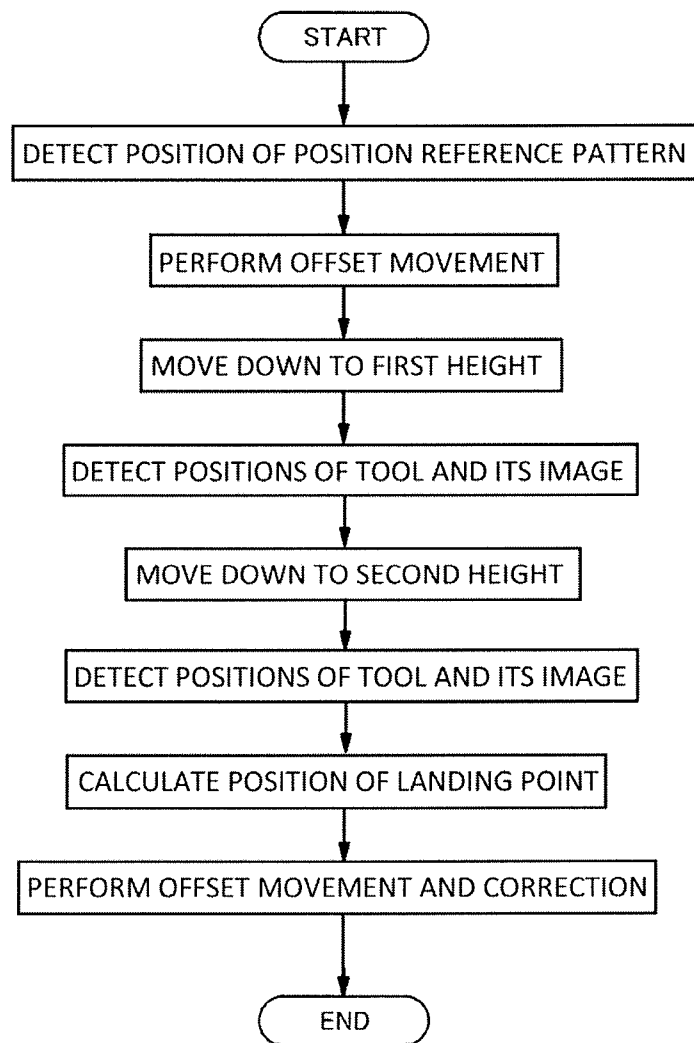


FIG. 3

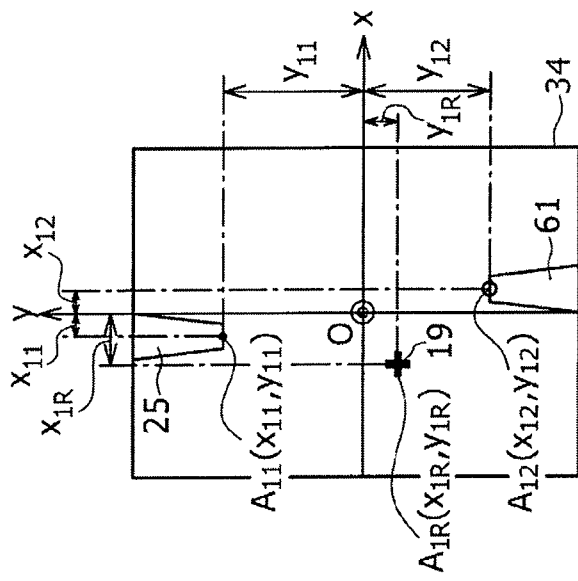


FIG. 4 (b)

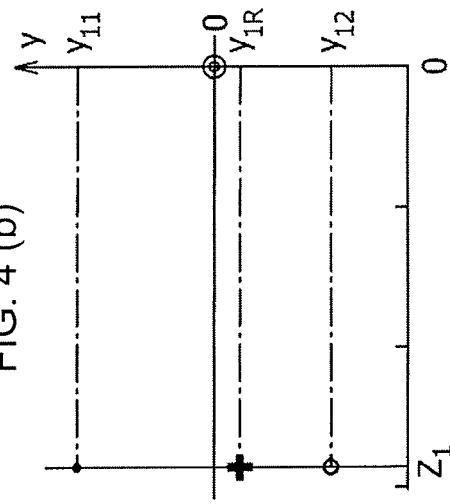


FIG. 4 (c)

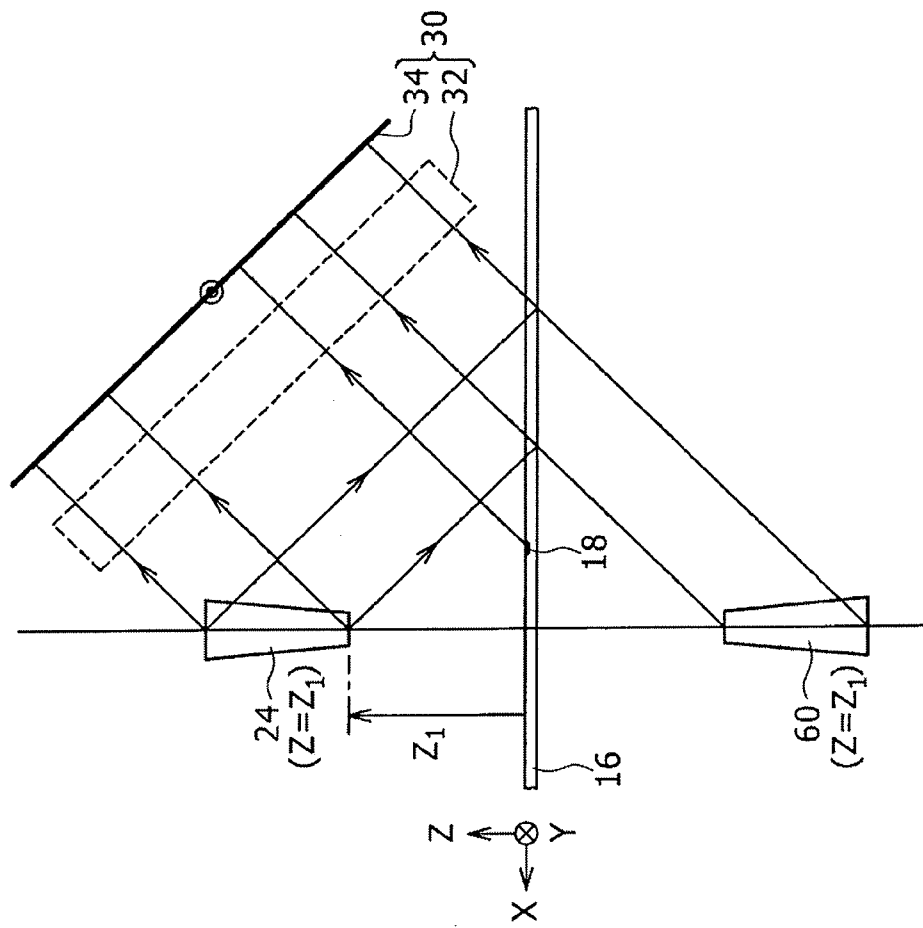


FIG. 4 (a)

HEIGHTWISE POSITION Z OF TOOL TIP END PORTION

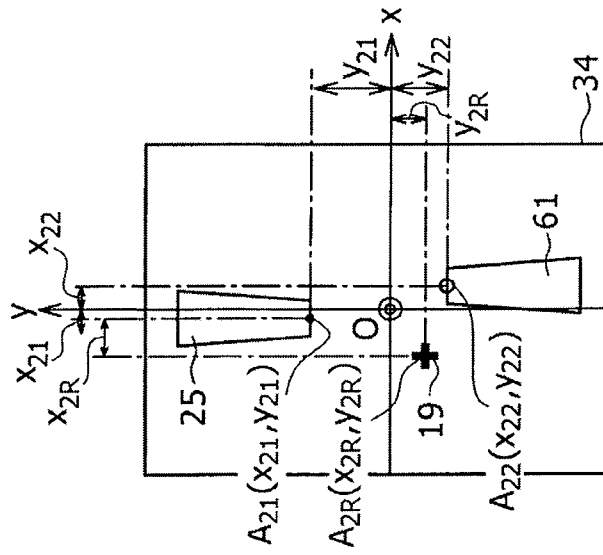
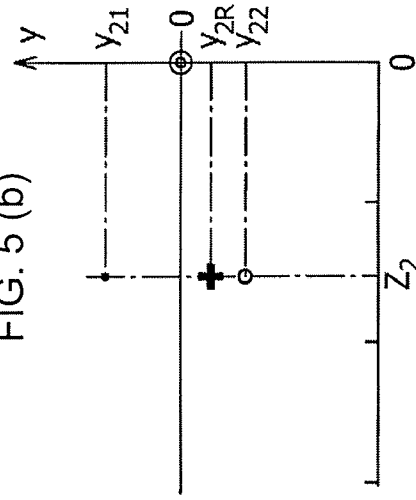


FIG. 5 (b)



HEIGHTWISE POSITION Z OF TOOL TIP END PORTION

FIG. 5 (c)

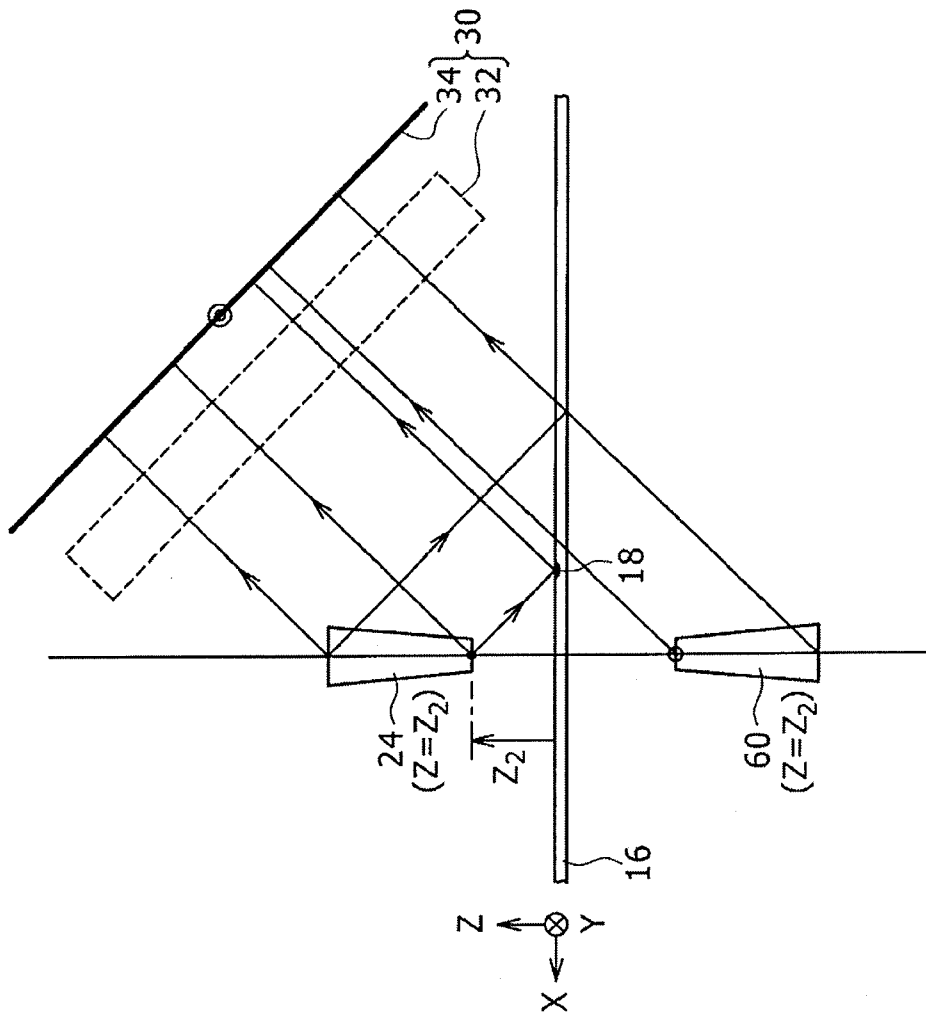
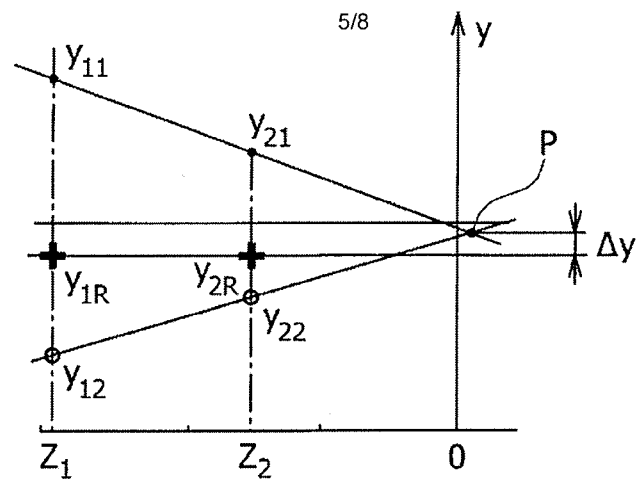


FIG. 5 (a)



HEIGHTWISE POSITION Z OF TOOL TIP END PORTION

FIG. 6

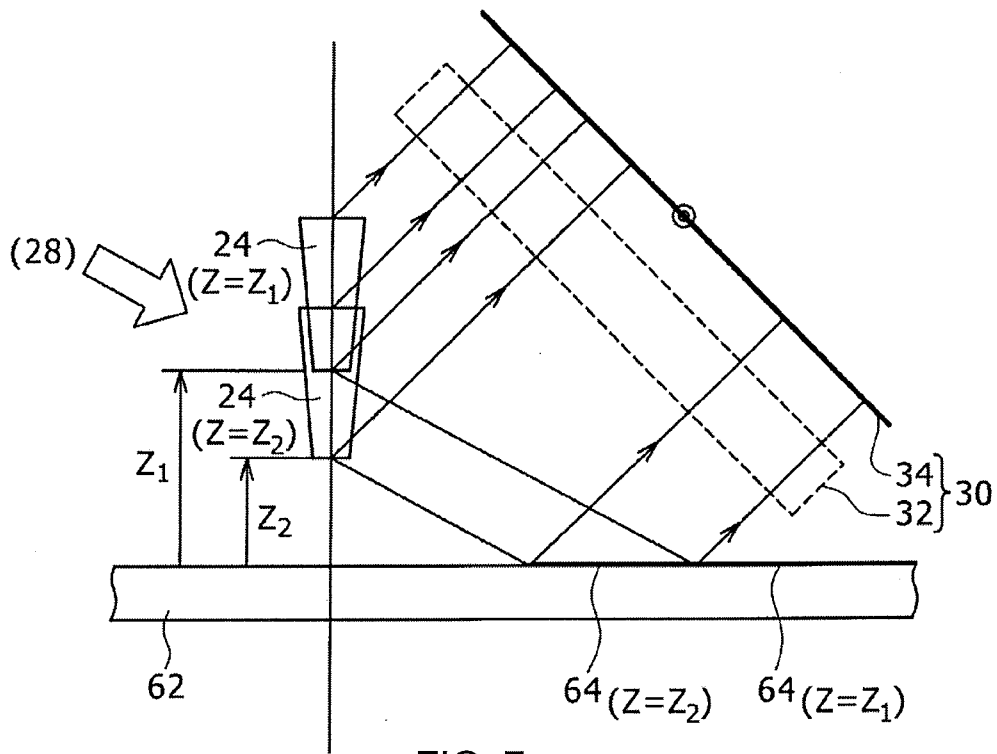


FIG. 7

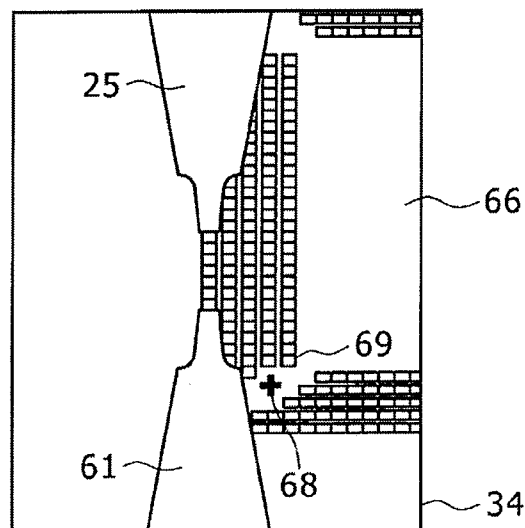


FIG. 8

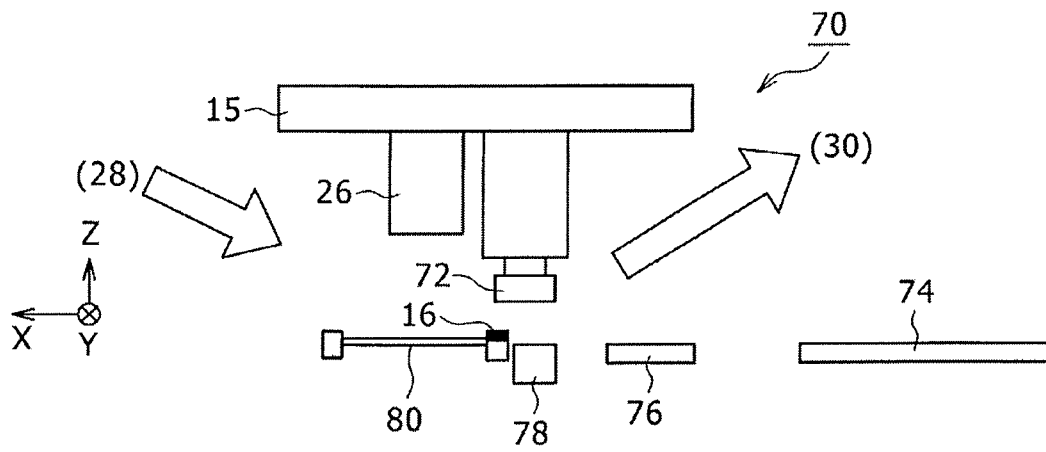


FIG. 9 (a)

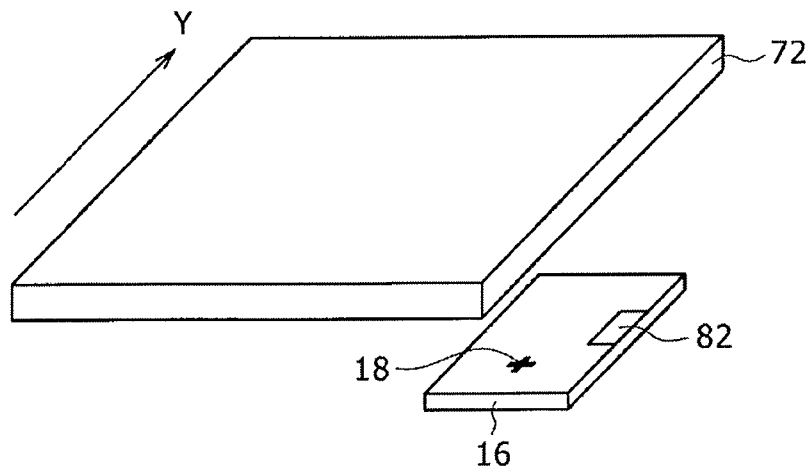


FIG. 9 (b)

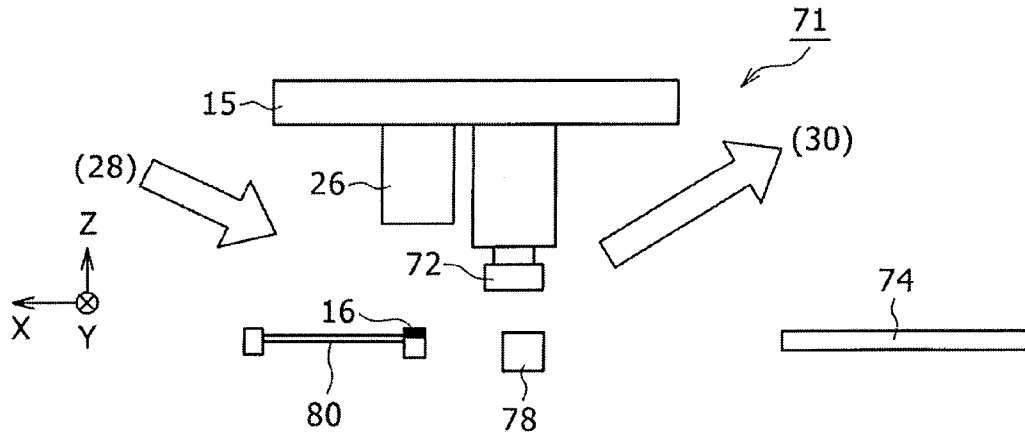


FIG. 10 (a)

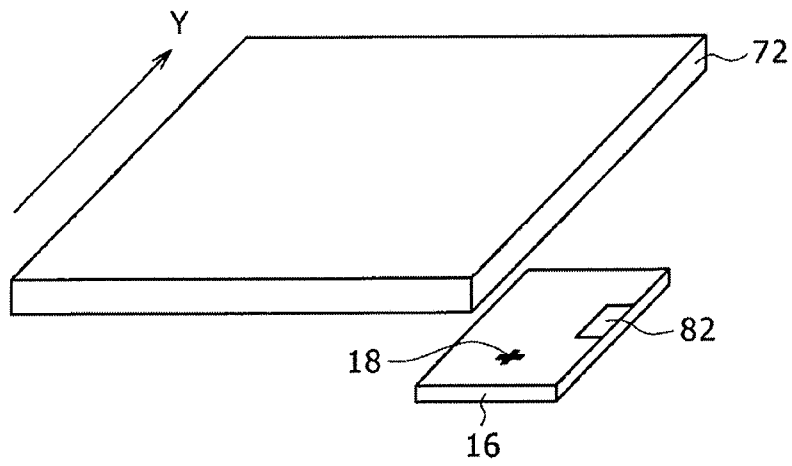


FIG. 10 (b)

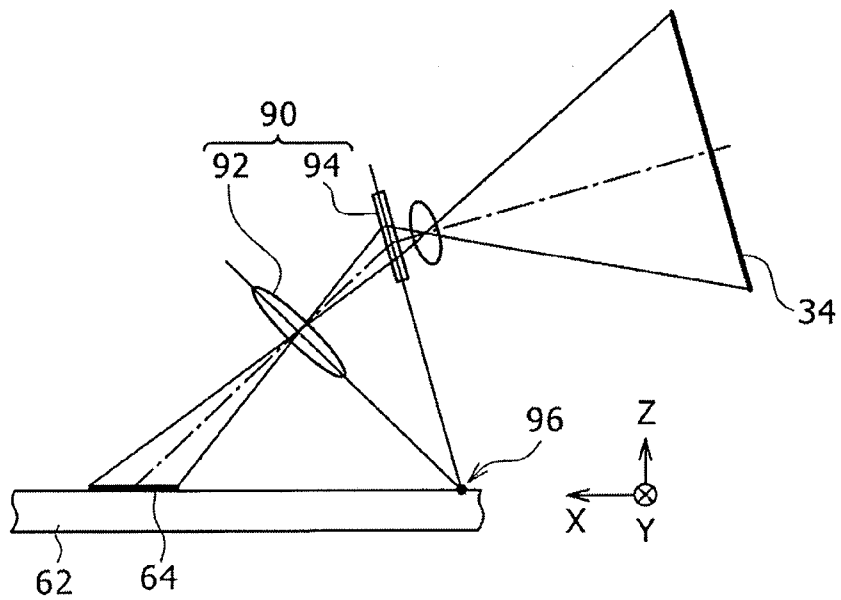


FIG. 11

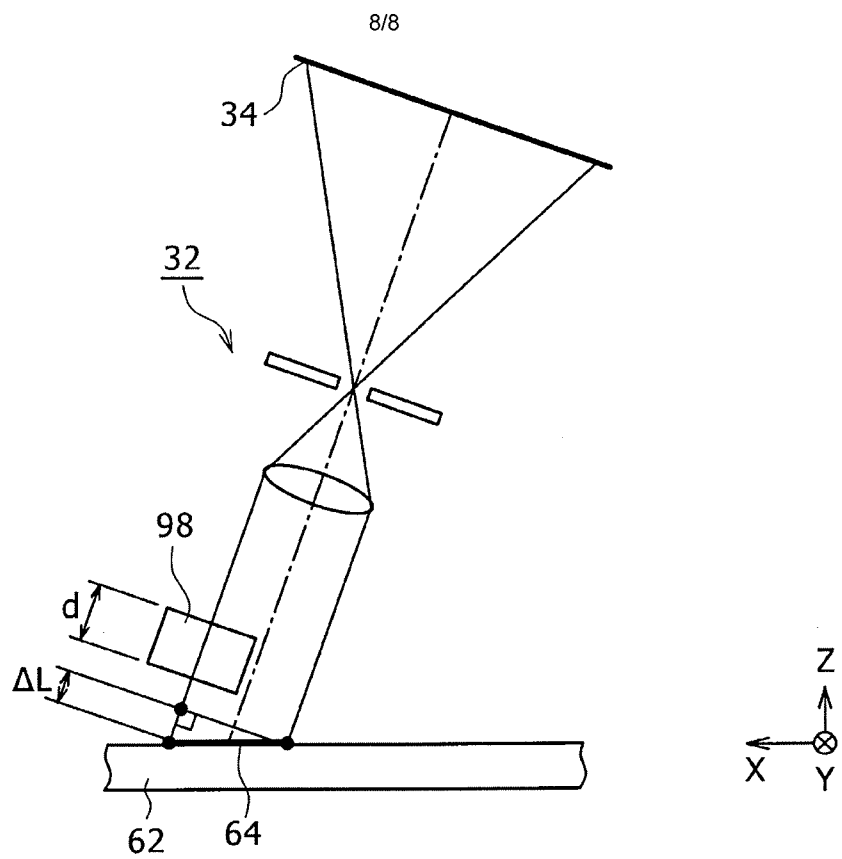


FIG. 12

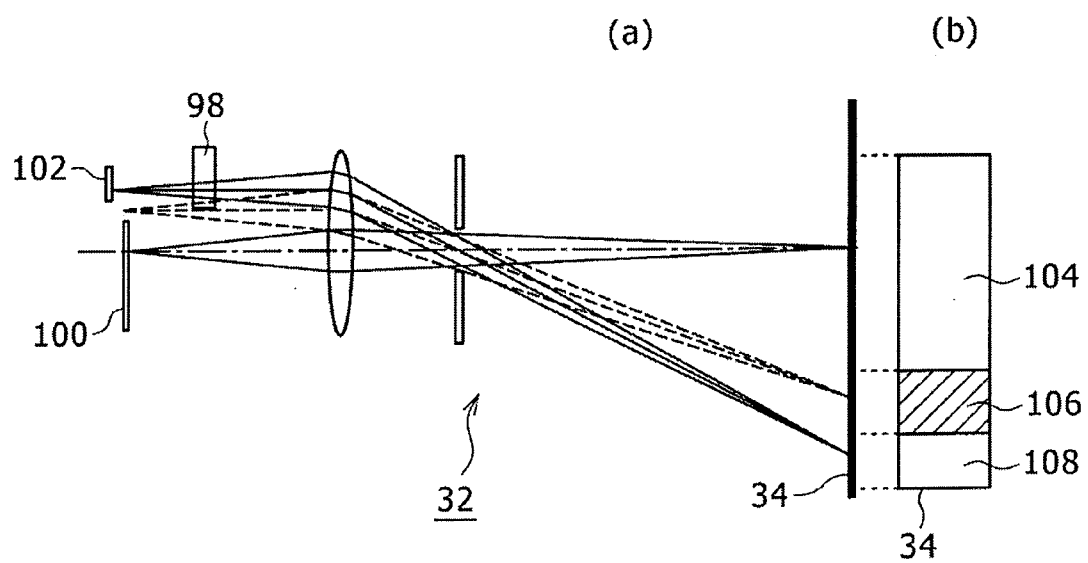


FIG. 13