

DRAWINGS

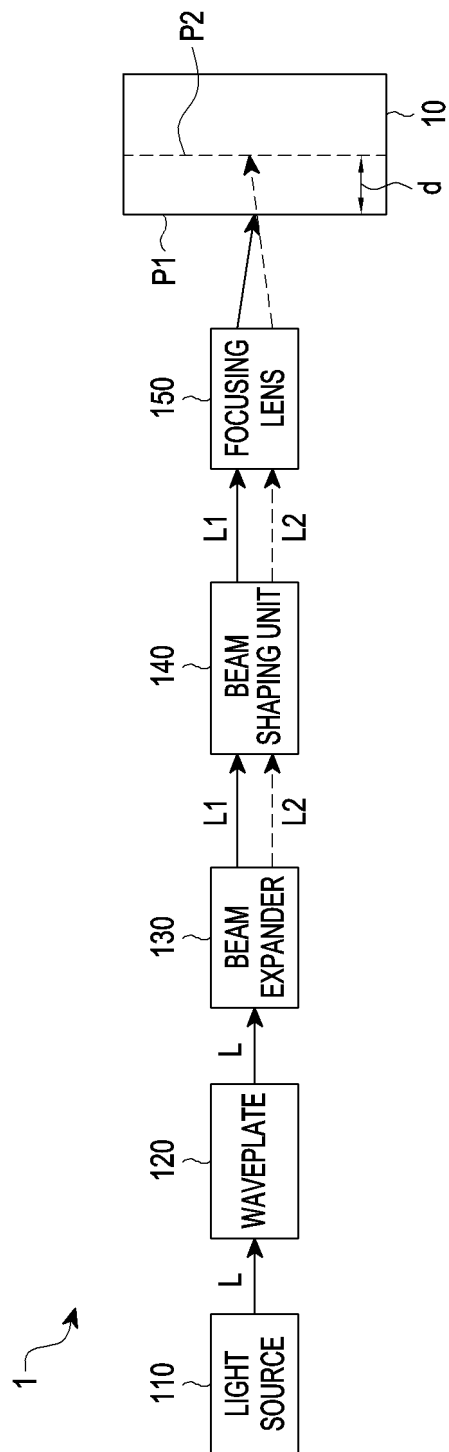


FIG. 1

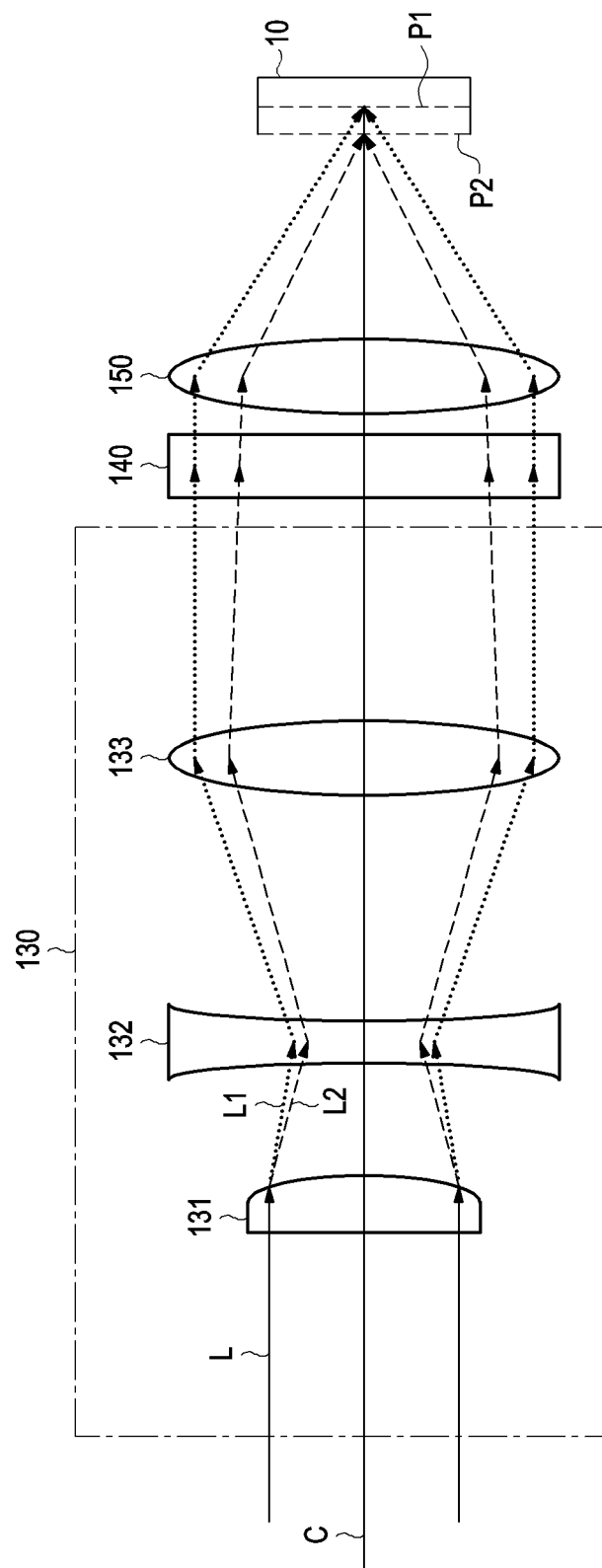


FIG. 2

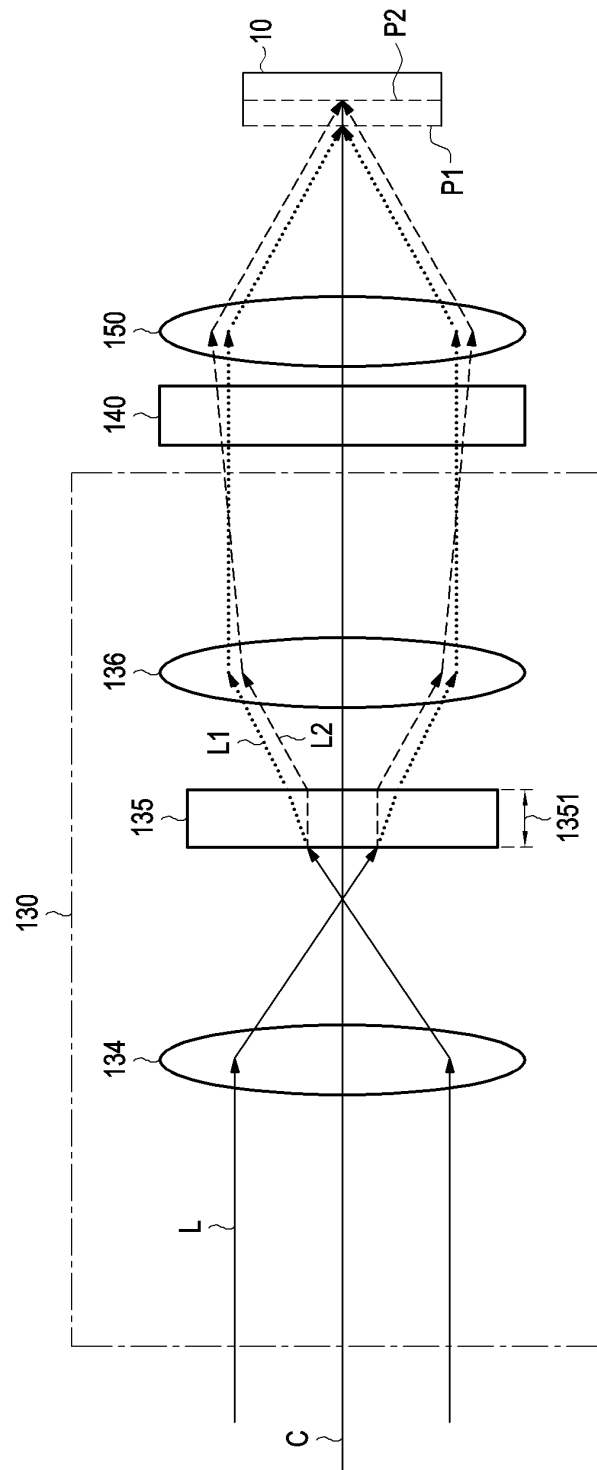


FIG. 3

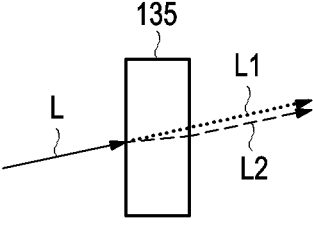
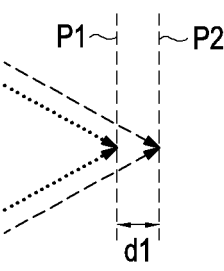
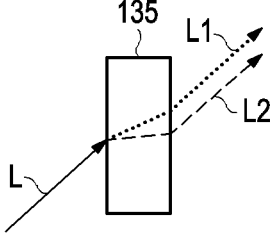
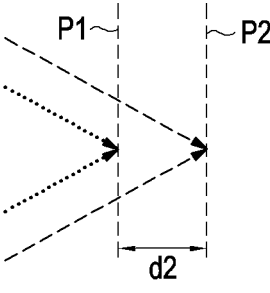
	Transmission pattern of birefringent plate	Multi-focus spacing
$\theta = \theta_1$		
$\theta = \theta_2$		

FIG. 4

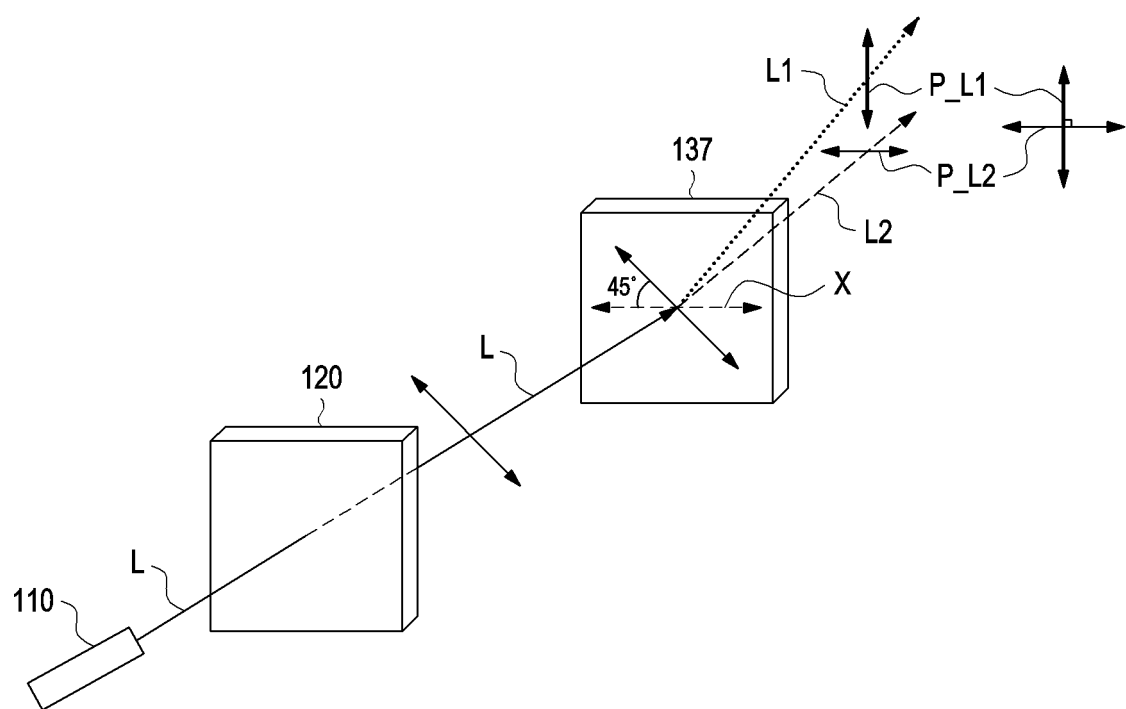


FIG. 5

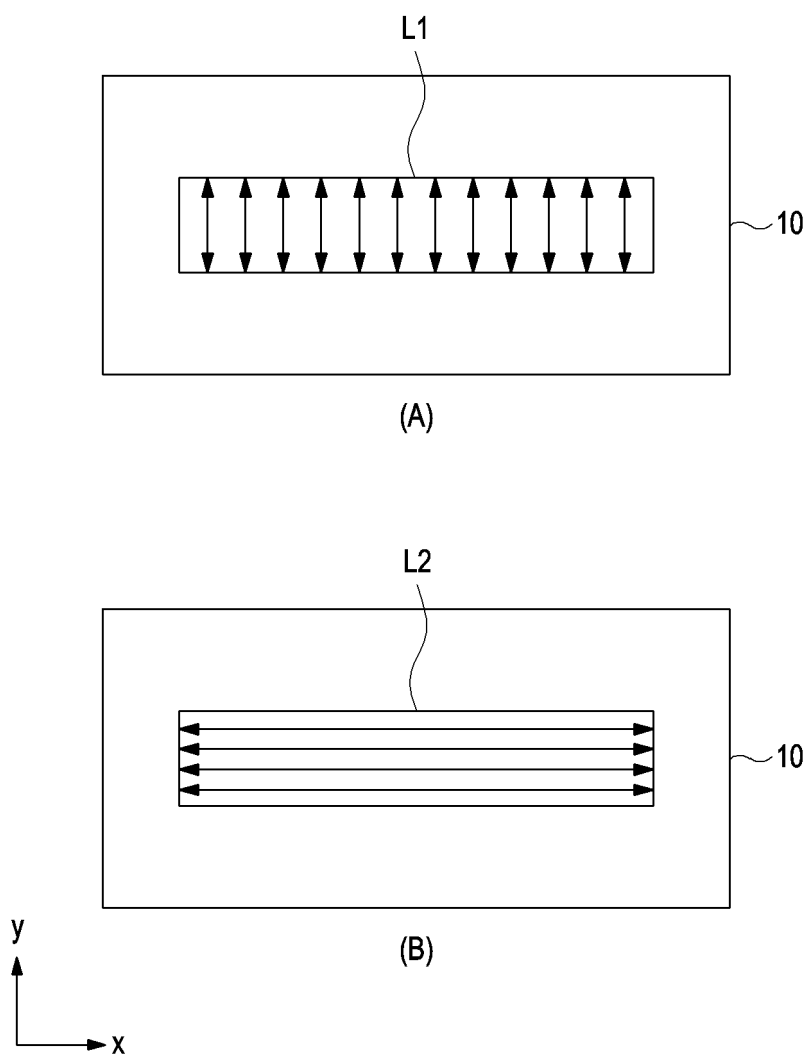


FIG. 6

(1) Beam1 : Ex

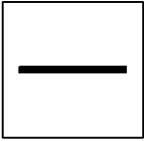
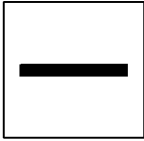
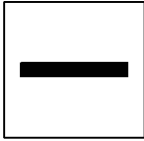
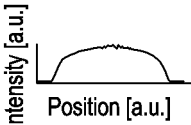
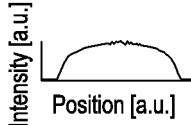
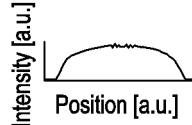
z(mm)	49.875	49.885	49.895
Beam Image			
Beam Size(x)	 58.7 μm	 61.5 μm	 64.3 μm
DOF	10 μm		

FIG. 7a

(2) Beam2 : Ey

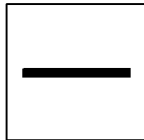
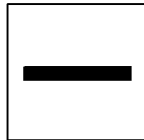
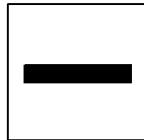
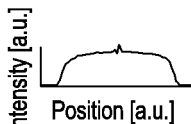
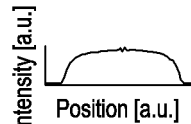
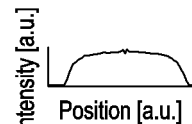
z(mm)	49.875	49.885	49.895
Beam Image			
Beam Size(x)	 56.4 μm	 58.9 μm	 61.6 μm
DOF	10 μm		

FIG. 7b

(3) Beam1+2 : Ex+Ey

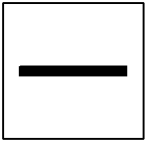
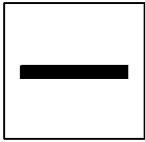
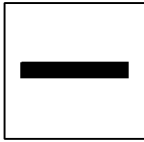
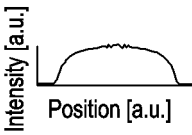
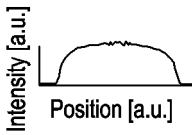
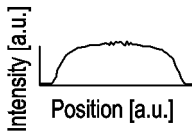
z(mm)	49.875	49.885	49.895
Beam Image			
Beam Size(x)	 Position [a.u.] 58.4 μm	 Position [a.u.] 60.9 μm	 Position [a.u.] 64.16 μm
DOF	20 μm		

FIG. 7c

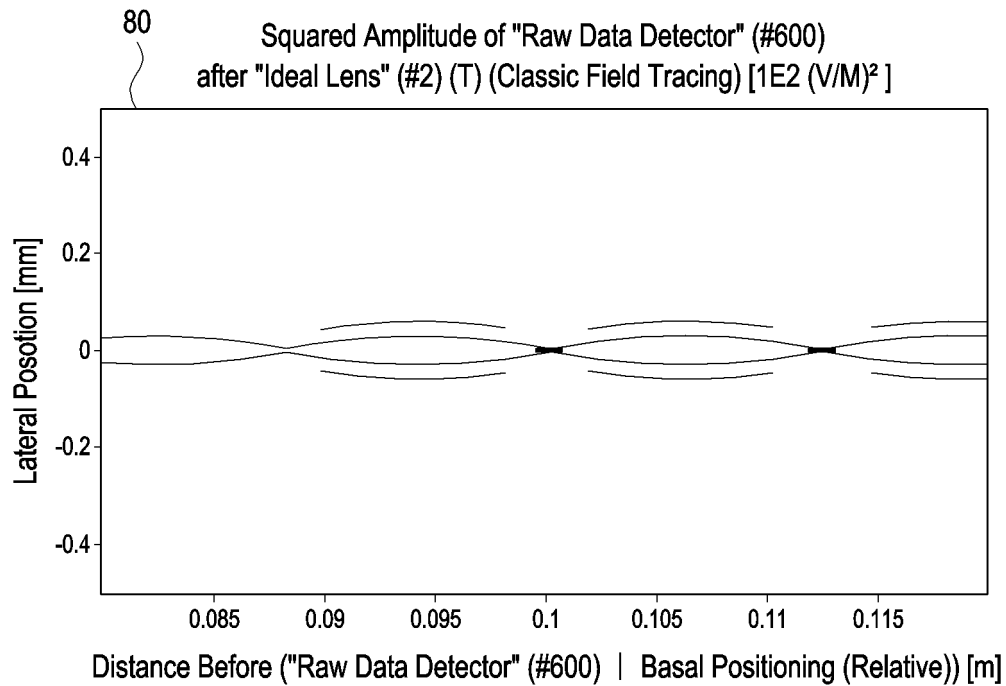


FIG. 8

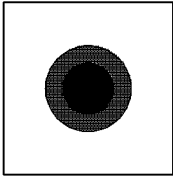
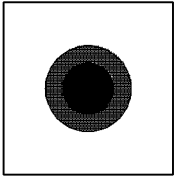
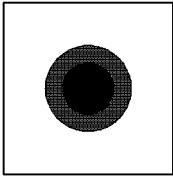
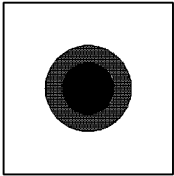
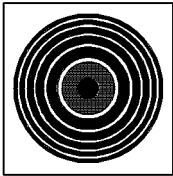
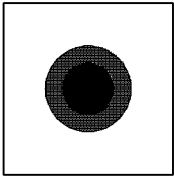
Relationship of polarization directions	Same polarization direction	Perpendicular polarization directions
First laser beam		
Second laser beam		
First laser beam + Second laser beam		

FIG. 9