

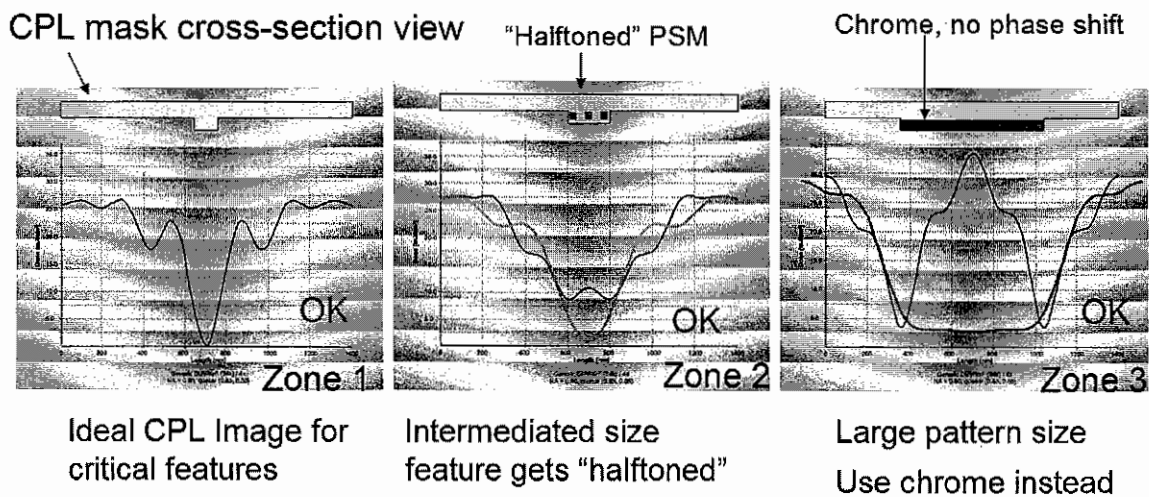


FIG. 1a

FIG. 1b

FIG. 1c

CPL-PSM with chrome patch v. Alt-PSM
(3D structure of lines/spaces are different on the reticle)

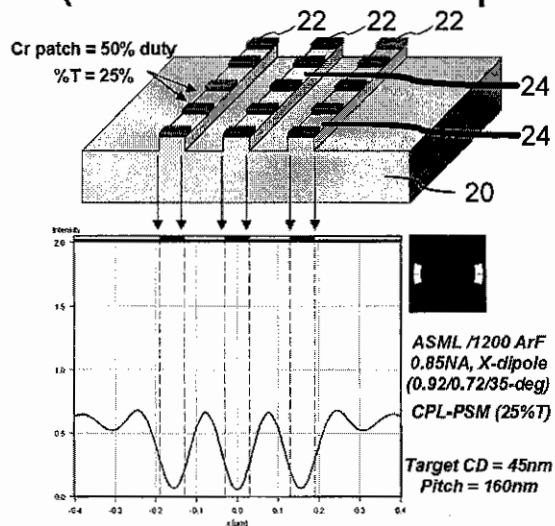


Image formed by the double π -phase edges
 ("symmetrical" or "even" imaging)
 The chrome patches are for controlling % light transmission but not for image formation

FIG. 2a

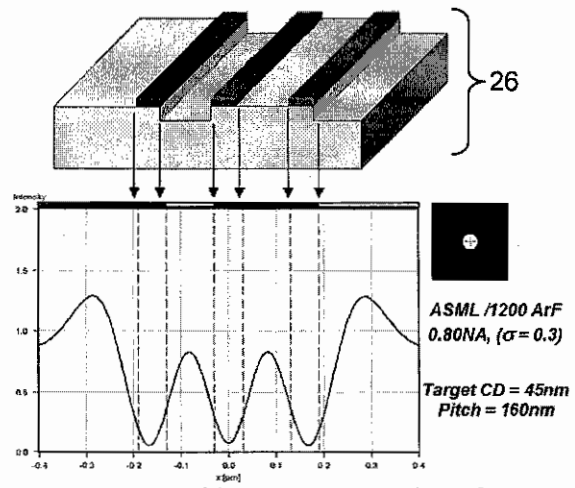


Image formed by the combination of 0-phase, chrome line, & π -phase edge
 ("asymmetrical" or "odd" imaging)
 The chrome lines are for image formation

FIG. 2b

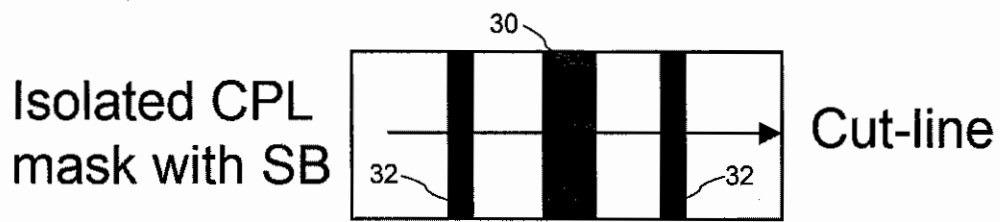


FIG. 3a

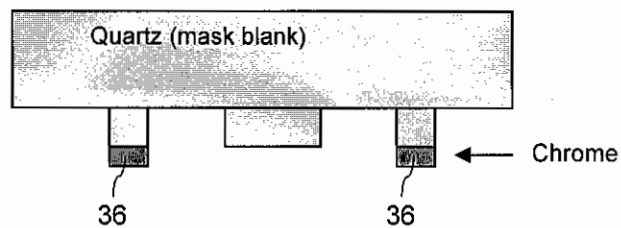


FIG. 3b

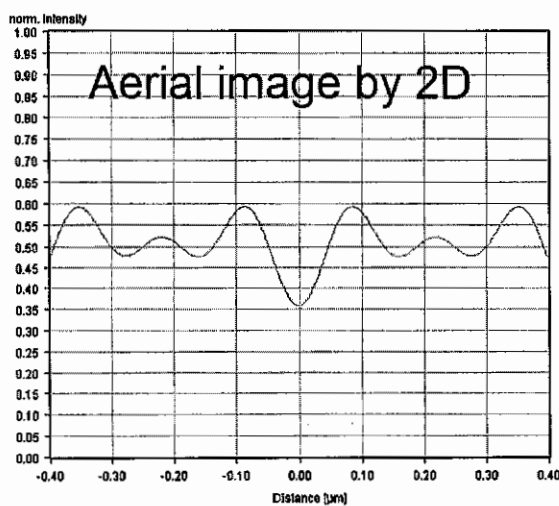


FIG. 3c

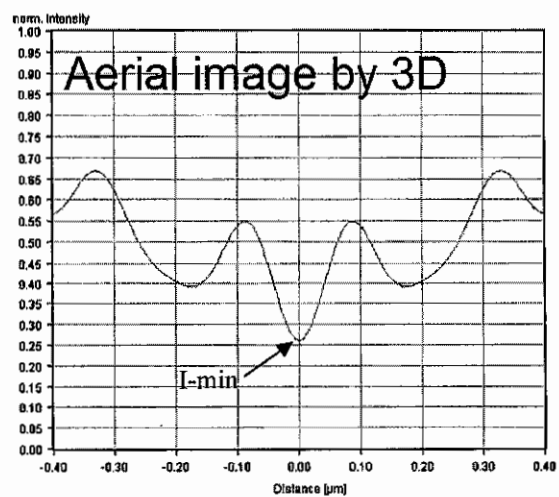


FIG. 3d

FIG. 4a

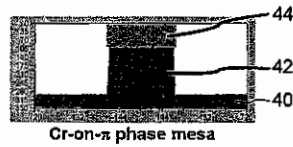


FIG. 4b

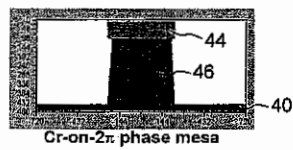


FIG. 4c

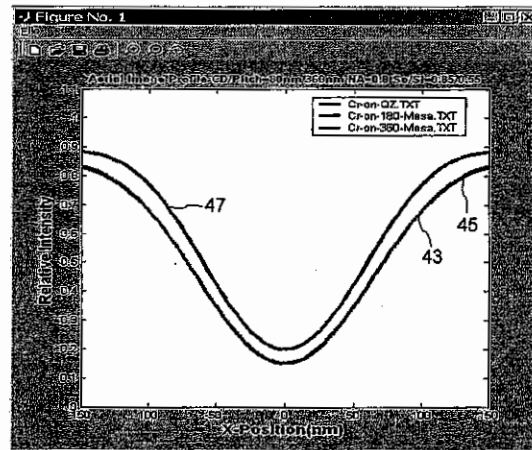
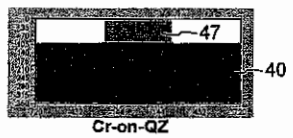


FIG. 4d

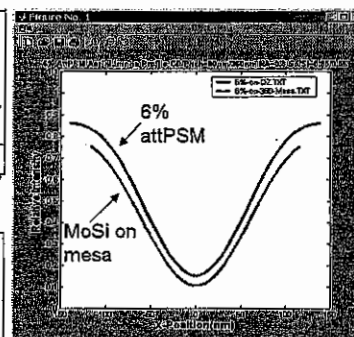
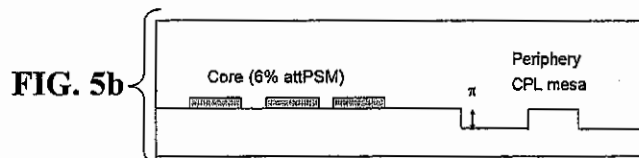
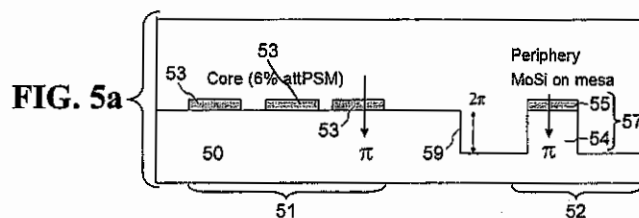


FIG. 5c

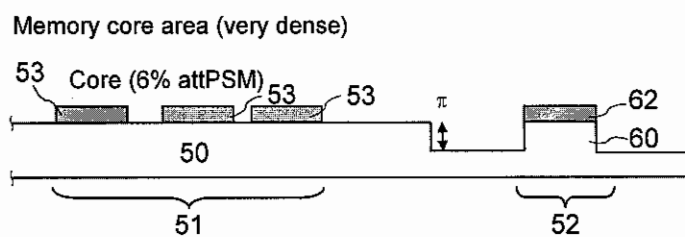


FIG. 6a

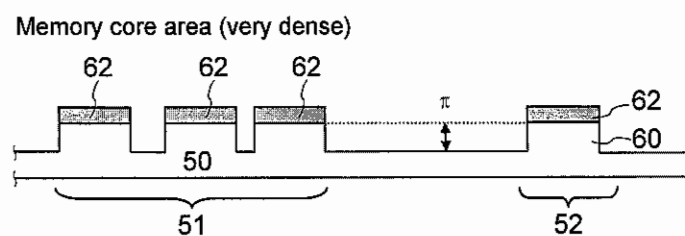


FIG. 6b

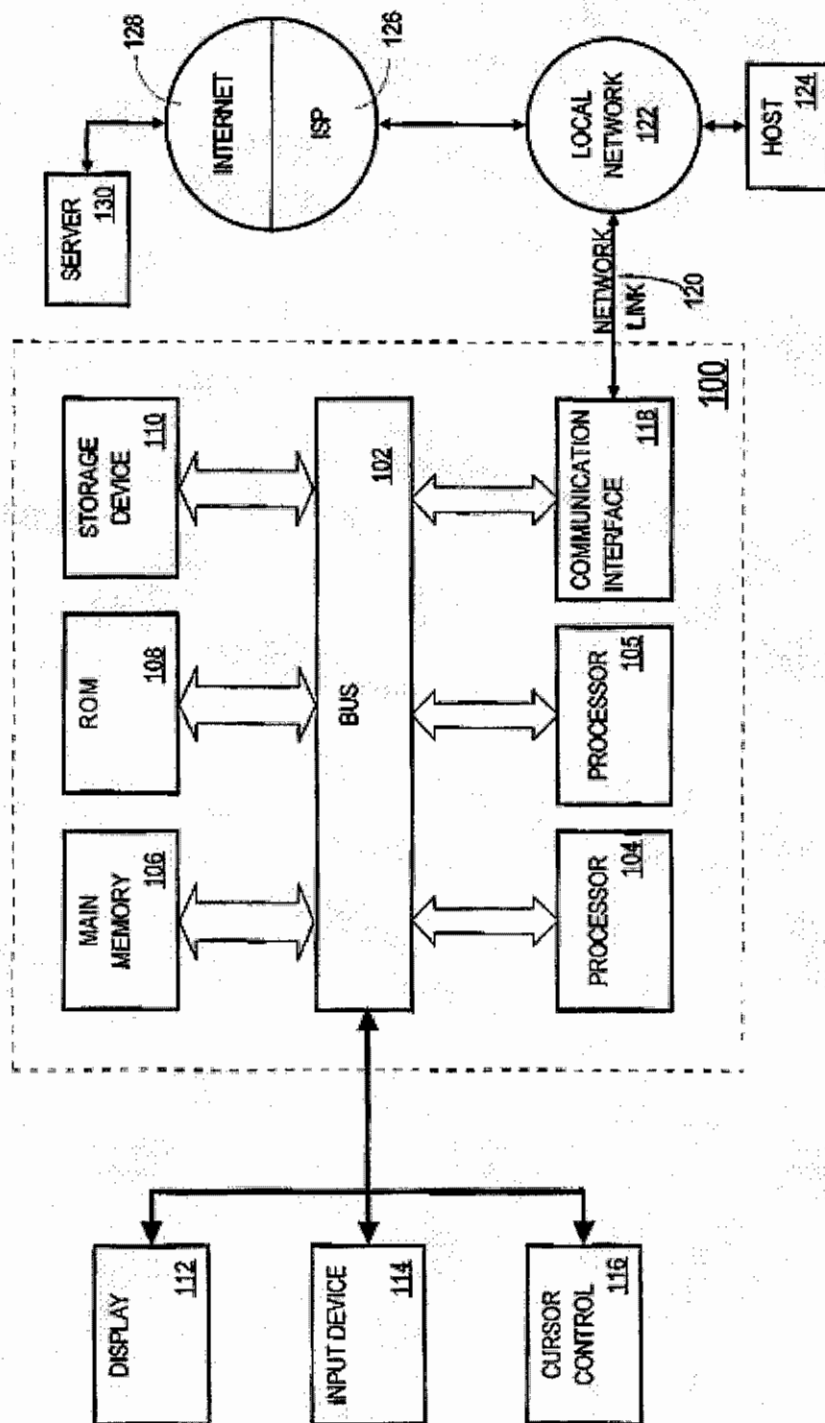


FIG. 7



FIG. 8