

Fig. 1

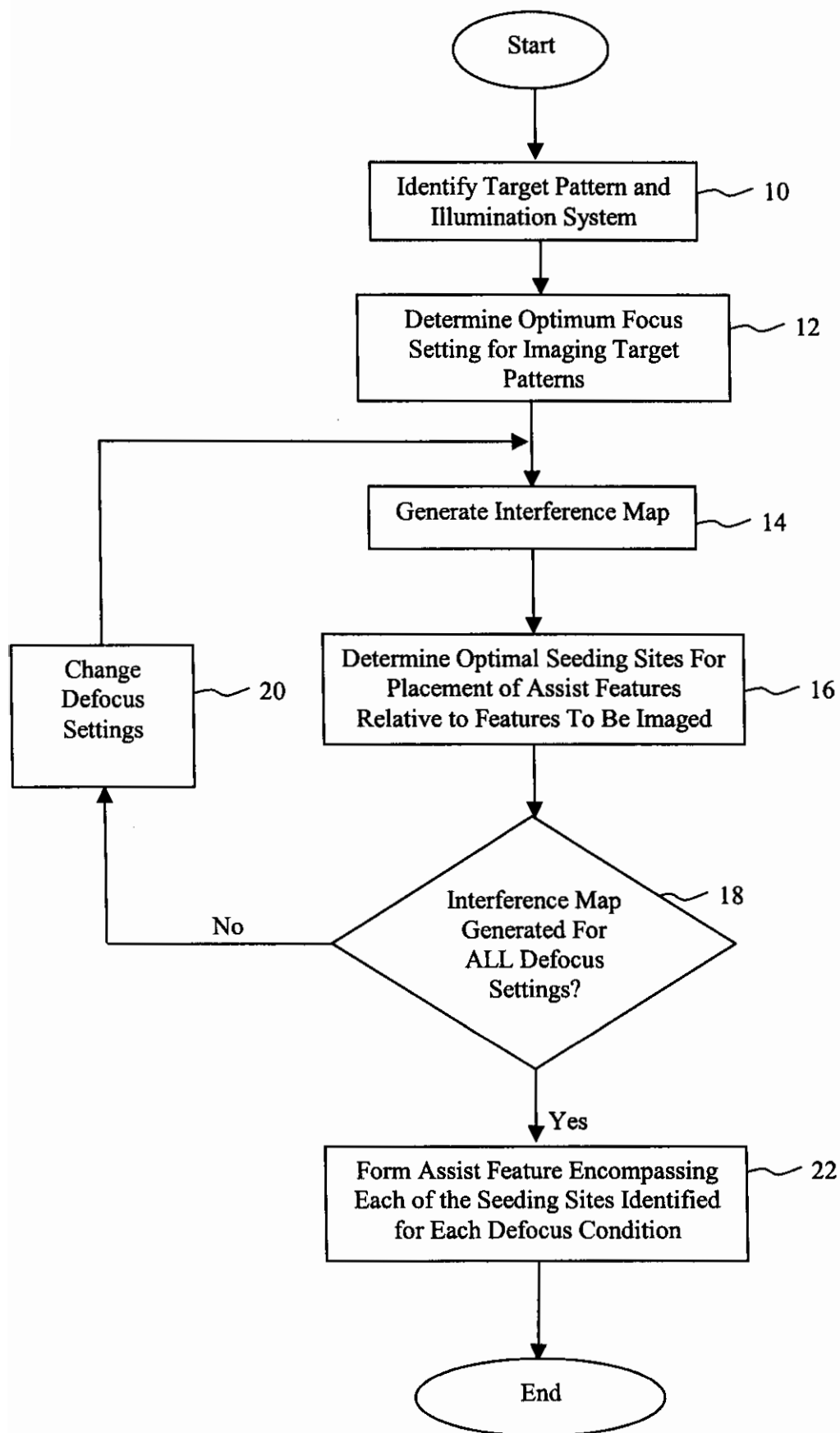


FIG 2a

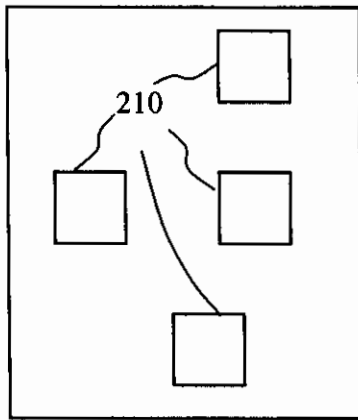


FIG 2b

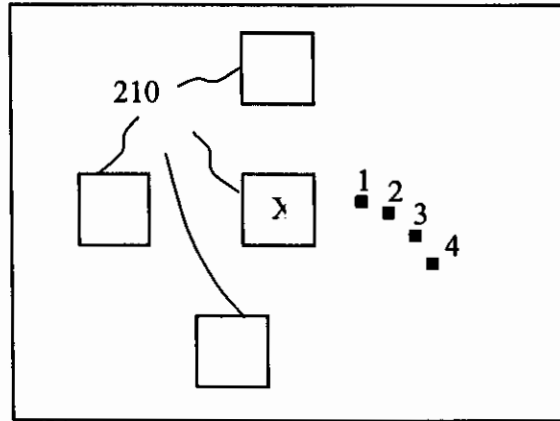


FIG 2c

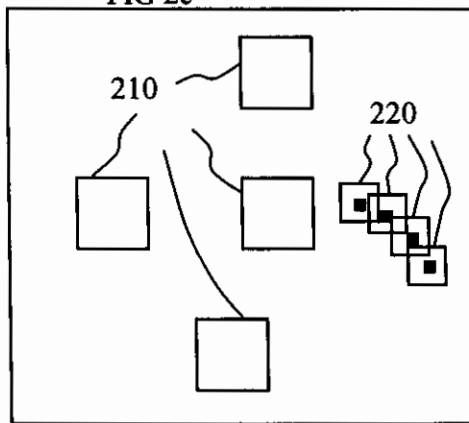
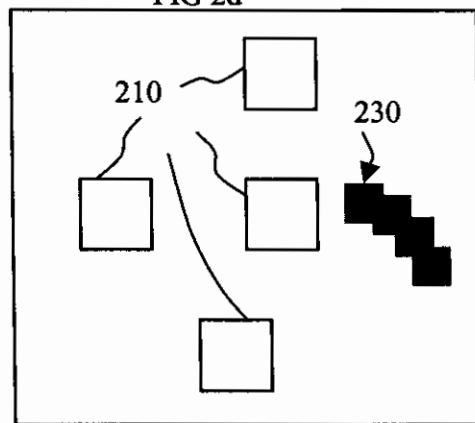


FIG 2d



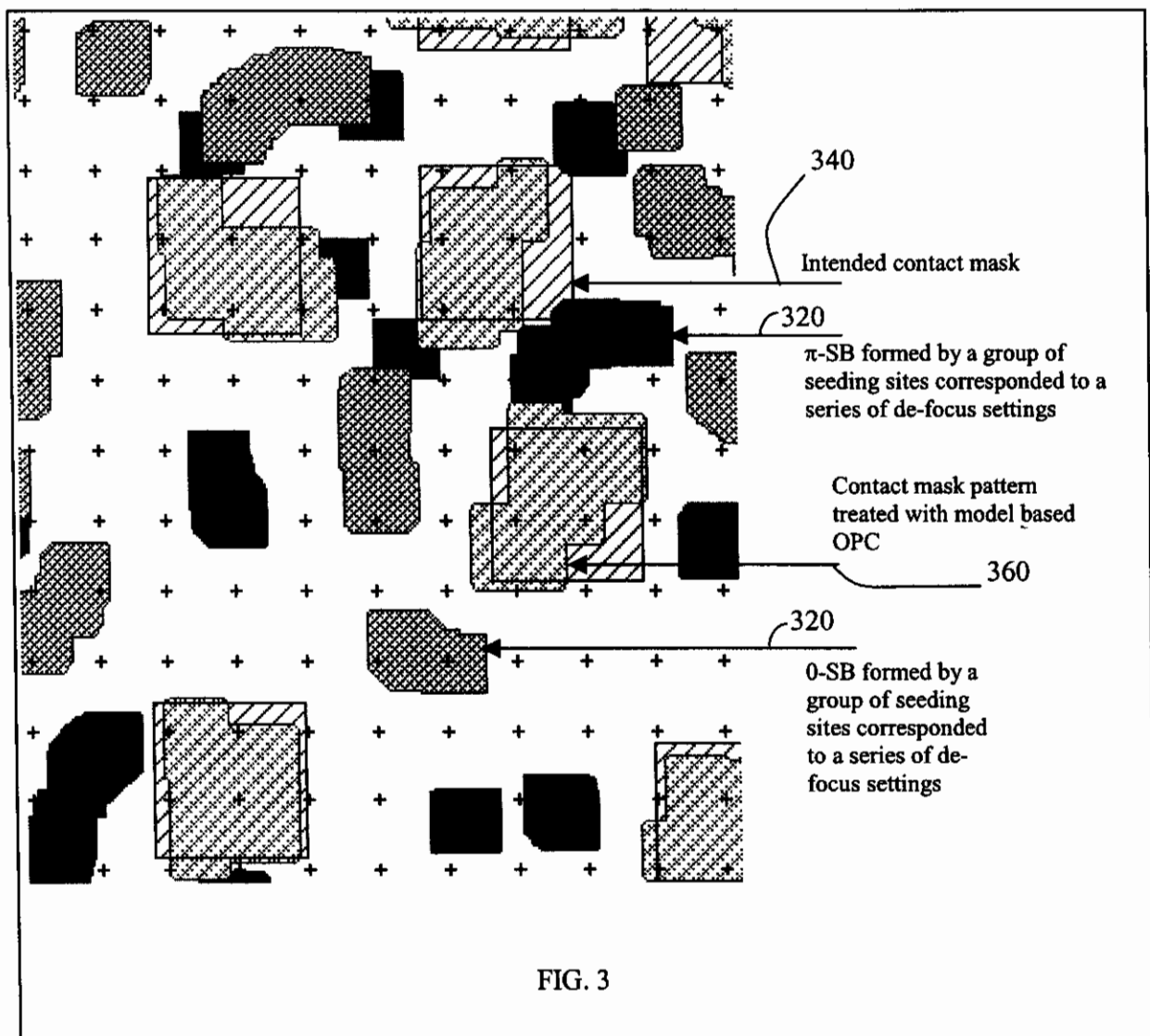
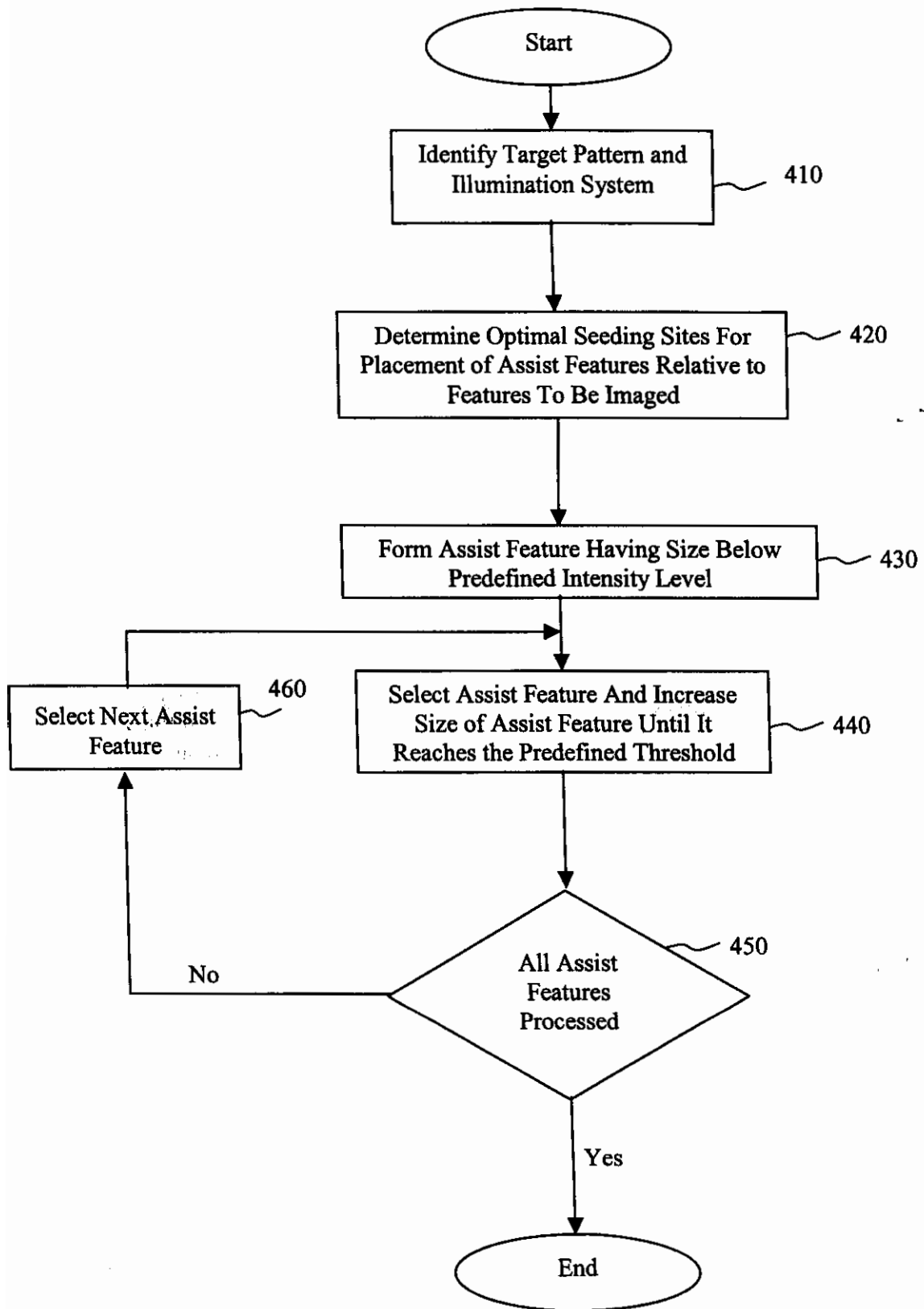


Fig. 4



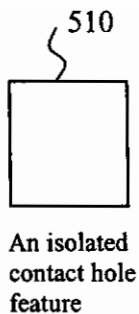


FIG. 5a

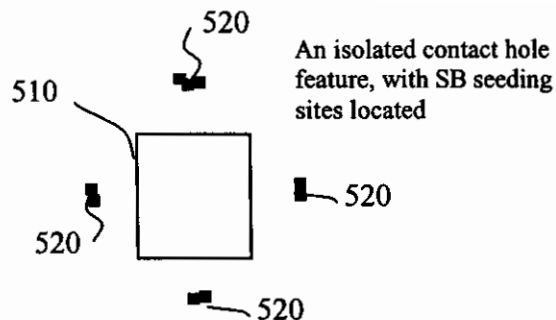


FIG. 5b

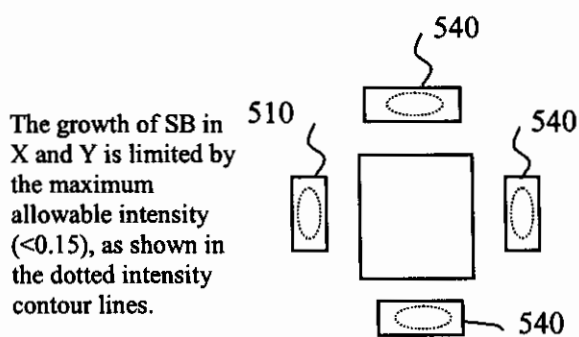


FIG. 5c

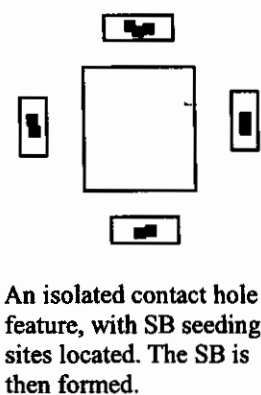
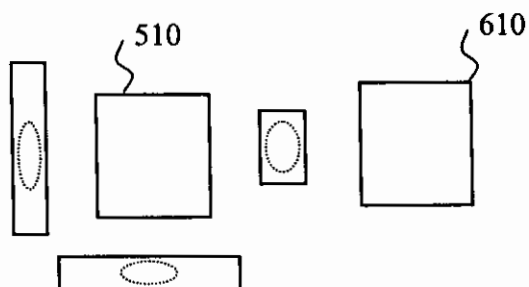


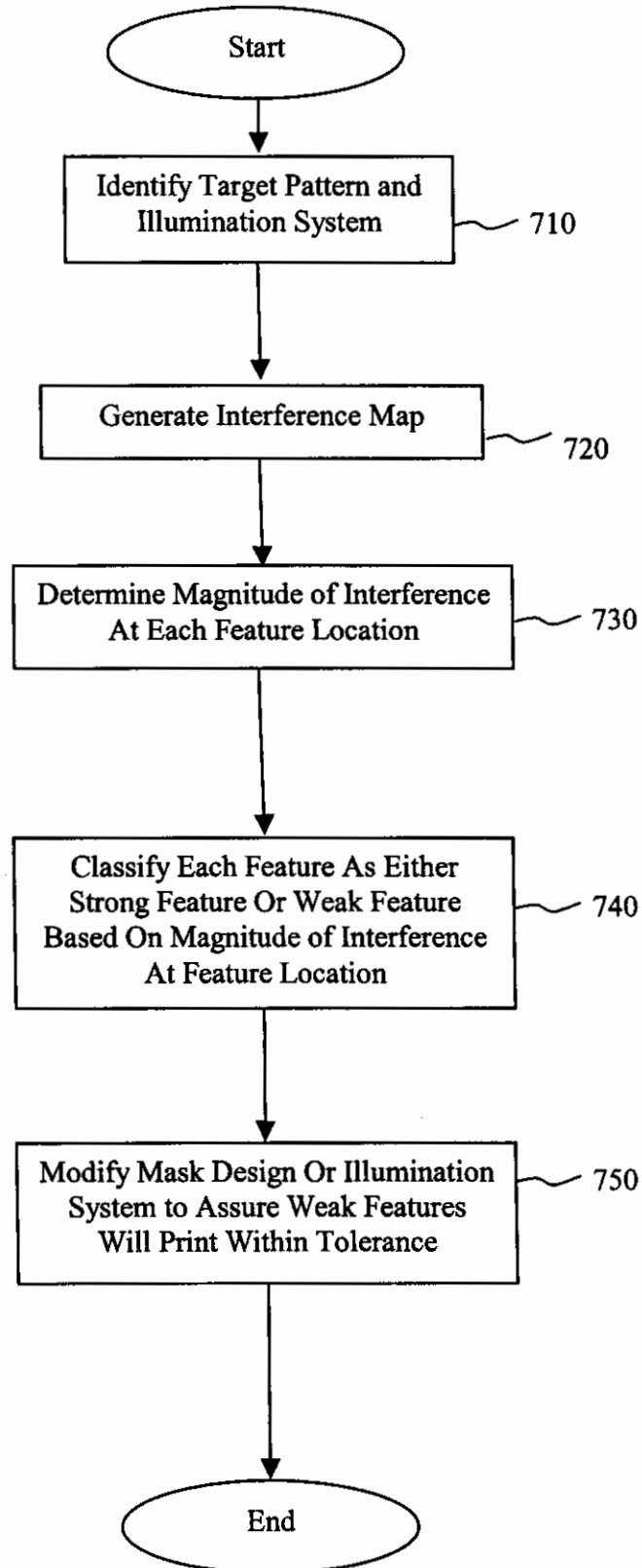
FIG. 5d

FIG. 6



When with other neighboring contact hole features, the growth of SB is also limited by the maximum allowable intensity, as shown in the dotted lines that represent the maximum intensity contour can be achieved.

Fig. 7



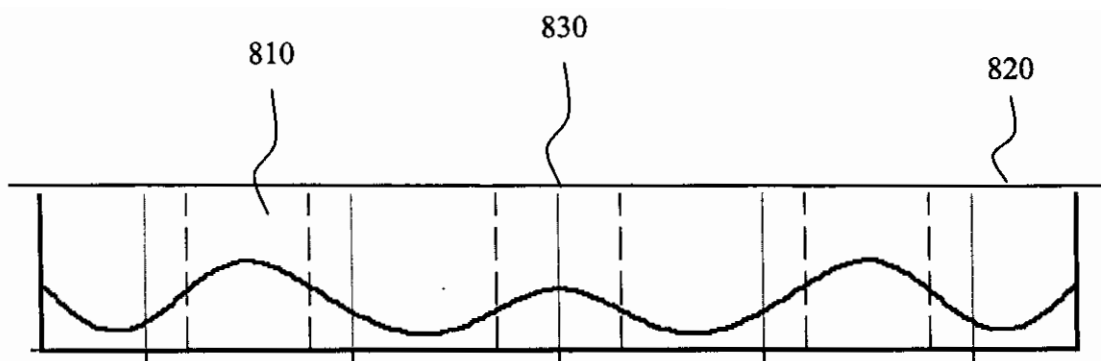


FIG. 8a

A) Interference map in one NA and illumination setting. Middle one is

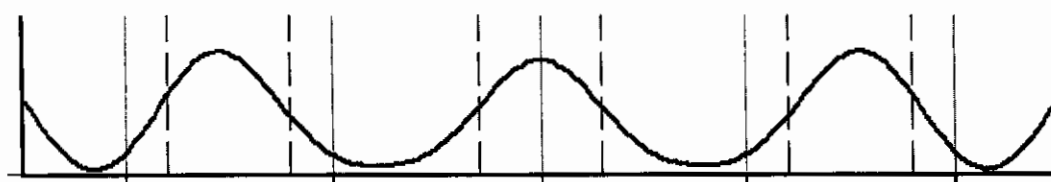


FIG. 8b

B) Weak feature can either be improved with better optical settings or with a design

