

Abstract of the Disclosure

OPTICAL PROXIMITY CORRECTION USING CHAMFERS AND ROUNDING AT CORNERS

Disclosed is a method of optimizing a design to be formed on a substrate. The method includes approximating rounding of at least one corner of an image of the design; generating a representation of the design further to the approximate rounding of the at least one corner; generating an initial representation of a mask utilized to image the design based on the representation; and performing Optical Proximity Correction (OPC) further to the initial representation of the mask.