

ABSTRACT

HOT EDGE RING WITH SLOPED UPPER SURFACE

A hot edge ring with extended lifetime comprises an annular body having a sloped
5 upper surface. The hot edge ring includes a step underlying an outer edge of a
semiconductor substrate supported in a plasma processing chamber wherein plasma is
used to process the substrate. The step includes a vertical surface which surrounds the
outer edge of the substrate and the sloped upper surface extends upwardly and
outwardly from the upper periphery of the vertical surface.

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Fig. 4

