

GAS TURBINE ENGINE INTEGRALLY BLADED ROTOR

ABSTRACT

A rotor disk includes a web that extends from a rim radially inward to a bore. A spacer is integral with and extending generally axially from the rim. The spacer
5 includes a flow path surface adjacent to an end wall of the rim. An inner surface is spaced radially inwardly from the flow path surface and extends between first and second axial locations. A fillet interconnects the inner surface and the web. The inner surface is tangent to the fillet at the first axial location. The second axial location axially aligns beneath vanes and surrounded by the inner surface. The
10 spacer has first and second radial thicknesses respectively disposed at the first and second axial locations. The first and second radial thicknesses are different than one another. The spacer is at least partially tapering axially between the first and second axial locations.

15 Fig. 4