



162162



G00002

Abstract

Apparatus For Forming The Edge of an Airfoil

5 An apparatus 28 for forming at least a portion of the edge 12,14 of
airfoil 10 using a tool assembly 68 is disclosed. The tool assembly has
a tool 164 with a cutting face 202 having a shape which is like the
shape of the finished edge of the airfoil. Various construction details of
the apparatus are developed which enable the tool to incrementally
10 remove material while accommodating wave-like variations in the airfoil
edge. In one embodiment, the apparatus has a probe assembly 166
attached to the tool which is moveable with respect to a reference
surface R_s on the airfoil to guide the tool.

15 (Figure 2)

20

25