

TURBINE AIRFOIL PLATFORM PLATYPUS FOR LOW BUTTRESS STRESS

ABSTRACT OF THE DISCLOSURE

A blade is provided for use in a gas turbine engine. The blade has a platform, an airfoil portion extending radially from a first side of the platform, and an attachment portion extending from a second or underside side of the platform. The attachment portion includes a buttress which abuts the second side of the platform. The blade is provided with additional material on the second side of the platform for redistributing load away from the buttress.

FIGURE 8