

## **HOLLOW FAN BLADE TUNING USING DISTINCT FILLER MATERIALS**

### **ABSTRACT**

A fan blade comprises a main body extending between a leading edge and a trailing edge. Channels are formed into the main body, with a plurality of ribs extending intermediate the channels. The fan blade has a dovetail, and an airfoil extending radially outwardly from the dovetail. Material is deposited within the channels, with one type of material being selected to provide additional stiffness to the fan blade, and a second type of material being selected for having good damping characteristics. A method and gas turbine engine are also disclosed.

### **FIGURE 2**