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# United States Patent [19]

Murphy et al.

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[54] WIDE CHORD FAN BLADE

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[73] Assignee: General Electric Company, Cincinnati, Ohio

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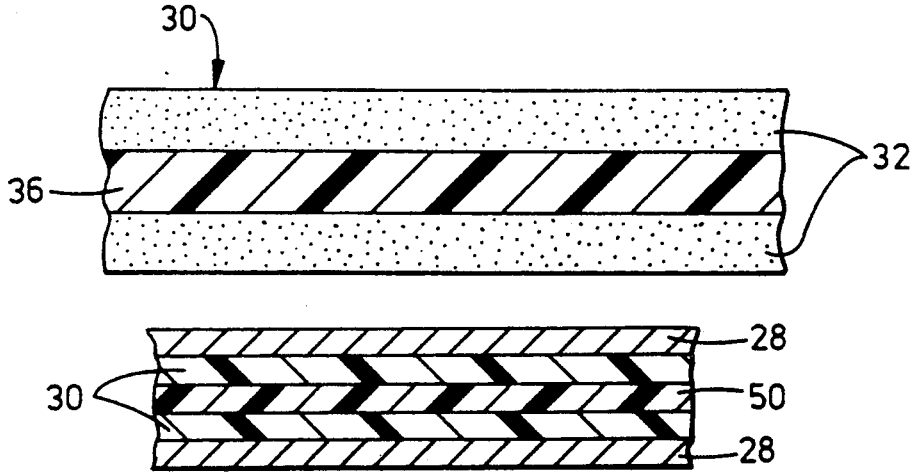
[57] ABSTRACT

A laminated airfoil for use in a high bypass engine. The airfoil preferably has a large tip chord and is comprised of alternating layers of thin metallic foil and elastomeric layers. The exterior surfaces of the airfoil are comprised of a thin, metallic foil. The airfoil also has a metal sheath secured to the leading edge. High strength metal members extend through the dovetail root sections.

31 Claims, 2 Drawing Sheets