



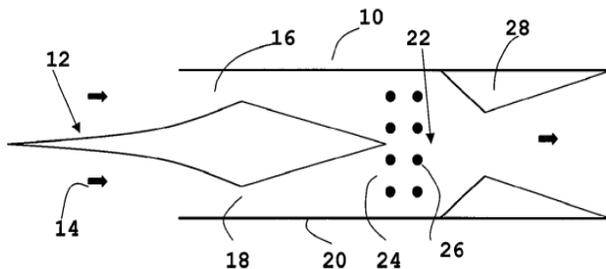
Mechanical Acoustic Noise Generator System for Scramjet Engine

INTRODUCTION

A noise generator system is provided with each noise generator being pivotally mounted to a mounting surface associated with the air intake of a turbineless jet engine. Each noise generator is positioned so as to convert a laminar or transitional air stream into a turbulent air stream such that a turbulent air-fuel mixture is realized in the combustion section of the engine to achieve more efficient operation.

CONCEPT

The invention produces a more efficient engine for high speed trans-continental aircraft.



INVENTION OVERVIEW

The invention produces a more efficient engines for high speed trans-continental aircraft.

- More efficient engine.
- Includes mounting surface or platform
- Includes one noise generator connected to the mounting surface.
- U.S. Patent Number: [7,954,754](#)
- Application Number: 12,131,248
- Date of Patent: 7 Jun 2011

POTENTIAL MARKET

- Engine industries
- Generator industries

BUSINESS WITH AMRDEC

AMRDEC is a leader in partnering with domestic firms. Successfully developed and implemented innovative tools to ease the technology transfer process such as:

- Patent License Agreements
- Cooperative Research and Development Agreements
- Test Services Agreements

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