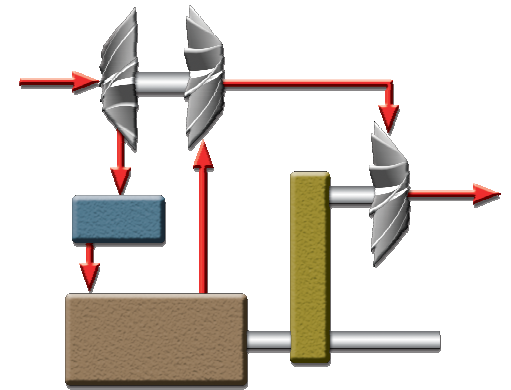
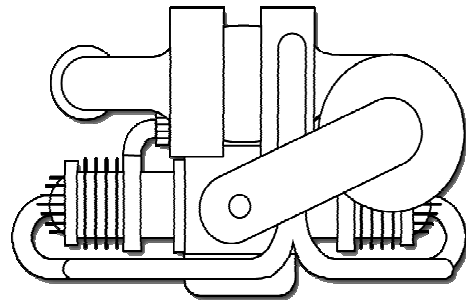




Two-Stroke Uniflow Turbo-Compound Internal Combustion Engine

5 August 2009

Poster P-13



Jack R. Taylor

Joseph J. Charneski

Stephen H. Clark

Two-Stroke Uniflow Turbo-Compound IC Engine

- High pressure, high flow 2-stroke engine with high velocity swirl in cylinders
- Combustion heat loss reduced by one-half through lean burning and thermal barrier treatment
- Engine exhaust drives compressor turbine and power turbine
- Fresh look at 2-stroke advantages

