

Patent Application of
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for

Title: Direct Thermal Transport (DTT)

INVENTOR'S REF: A1208-01

ABSTRACT:

A thermal transport system is designed to improve the effectiveness of interaction between the source and the sink. It could be used for heating or cooling applications. The inlet and outlet are configured and defined, so that the control of the inlet quality and quantity, disposal of the exhaust (example, heated air) could be better managed. The air is passing through one or more passages to generate high vortices over a long path. These would improve the total amount of thermal energy transport with the same amount of air and temperature different. Additional air is induced into the core of the system to improve the total system performance. With the improved effectiveness, a more direct thermal transport system is thus achieved.