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- (54) **Title:** SUPPLY AIR DISCHARGE FOR A REFRIGERATED CONTAINER

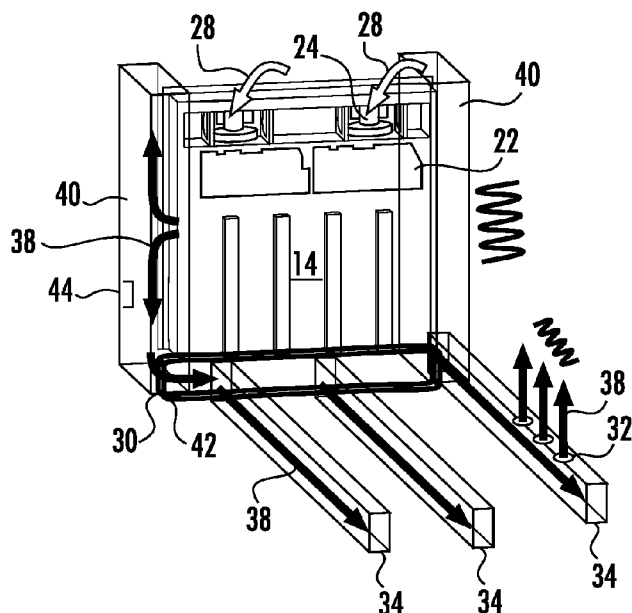


FIG. 2

(57) **Abstract:** A transportation cargo refrigeration system includes a refrigeration unit to provide a flow of supply air for a refrigerated cargo container. A refrigeration system outlet allows the flow of supply air into the cargo container. A mixing chamber is located between the refrigeration unit and the refrigeration system outlet for mixing of the flow of supply air thereby reducing supply air temperature fluctuation at the refrigeration system outlet. A method of operating a refrigeration system for a refrigerated cargo container includes flowing supply air through a refrigeration unit thereby reducing a temperature of the supply air. The supply air is directed into a mixing chamber and mixed in the mixing chamber until a selected supply air temperature is achieved. The supply air is directed through a refrigeration system outlet and into an interior of a cargo container.

**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

— *of inventorship (Rule 4.17(iv))*

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