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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))*
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(54) Title: CARGO TEMPERATURE MONITORING AND CONTROL FOR A REFRIGERATED CONTAINER

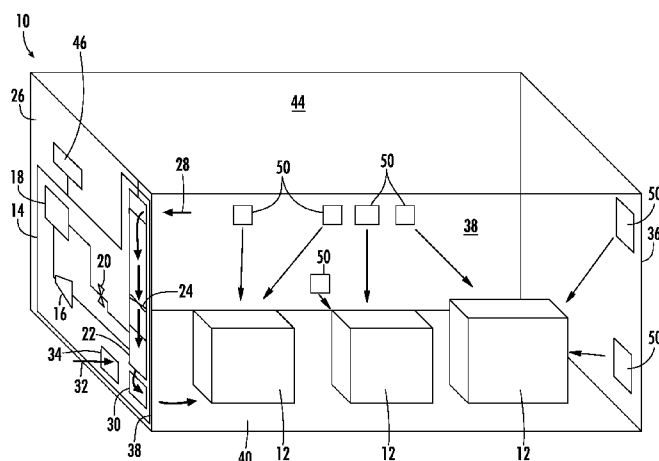


FIG. 1

(57) Abstract: A method of monitoring and controlling temperature of a cargo in a refrigerated transportation cargo container includes measuring a temperature of a plurality of portions of the cargo located in the cargo container via a plurality of temperature sensors directed at the portions of the cargo. One or more of the measured cargo temperatures are compared to a preselected threshold. Operation of a refrigeration unit disposed at the cargo container in operable communication with the plurality of temperature sensors is changed based on a result of the comparison. A transportation cargo container refrigeration system includes a plurality of cargo temperature sensors configured to determine a temperature of at least portions of a cargo. A refrigeration unit and controller are connected to the refrigeration unit and the cargo temperature sensors to control operation of the refrigeration unit based on data received from the cargo temperature sensors.