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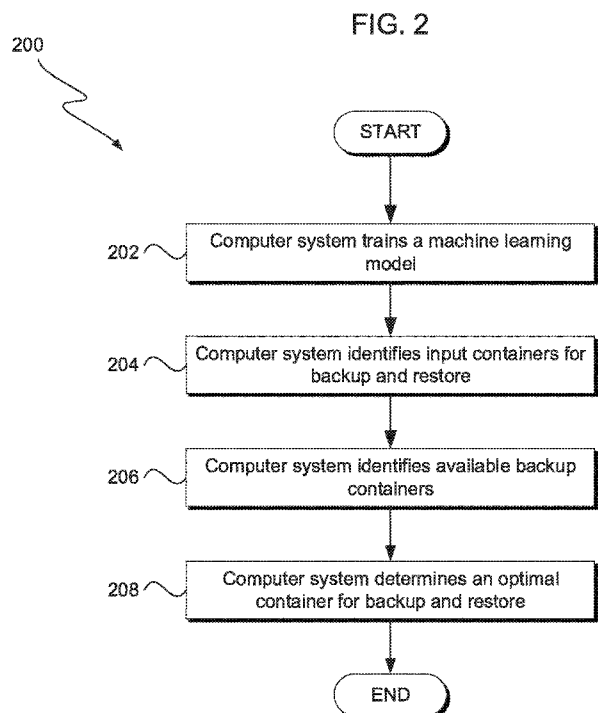
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(54) Title of the Invention: **Intelligent backup and restoration of containerized environment**
Abstract Title: **Intelligent backup and restoration of containerized environment**

(57) A system for determining the optimal backup and restore location for lightweight applications is provided. A computer device identifies a set of training data, wherein the training data identifies a lightweight container, a corresponding backup lightweight container, and an optimization score for the lightweight container and the corresponding backup lightweight container. The computing device trains a machine learning model utilizing the identified training data. The computing device identifies a new lightweight container for backup. The computing device determines an optimal backup lightweight container for the new lightweight container utilizing the trained machine learning model.



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