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(54) Title: SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR SYSTEM MACHINE LEARNING IN DEVICE PLACEMENT

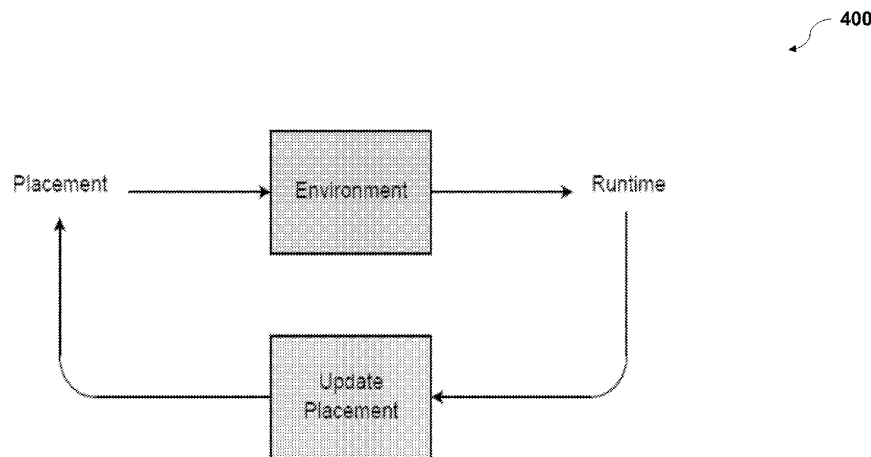


FIG. 4

(57) Abstract: Systems, methods, and computer program products that use unsupervised learning to learn relationships between operations of a machine learning model based on a model graph representation to group the operations into clusters and, given a set of clusters and labels for the clusters, use a reinforcement learning algorithm to generate a final device placement result for the machine learning model.

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