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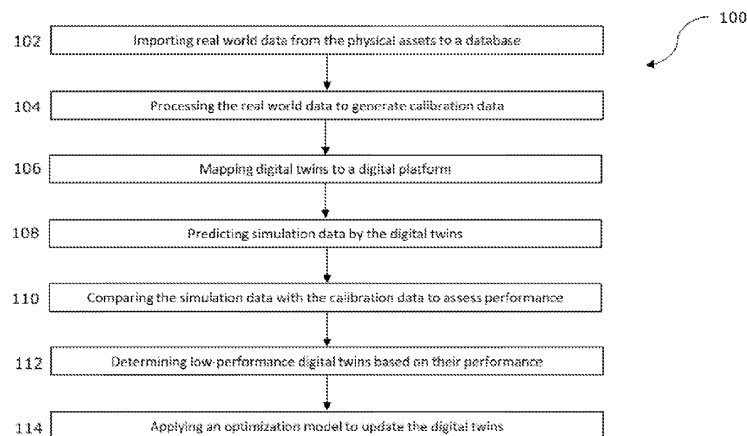


Figure 1

(57) Abstract: Disclosed is a method for managing digital twins of a plurality of physical assets. The system comprises a digital platform, database and a plurality of processors. The processors import real world data from the physical assets to the database, process the real world data to generate calibration data, map a plurality of digital twins to the digital platform, each digital twin for simulating a corresponding physical asset, predict simulation data by the digital twins, compare the simulation data with the calibration data to assess performance of the digital twins, determine a set of low-performance digital twins based on the performance of the digital twins, and apply an optimization model to update the digital twins.

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