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(54) Title: REINFORCEMENT LEARNING FOR SUBSTRATE PROCESSING FACILITY

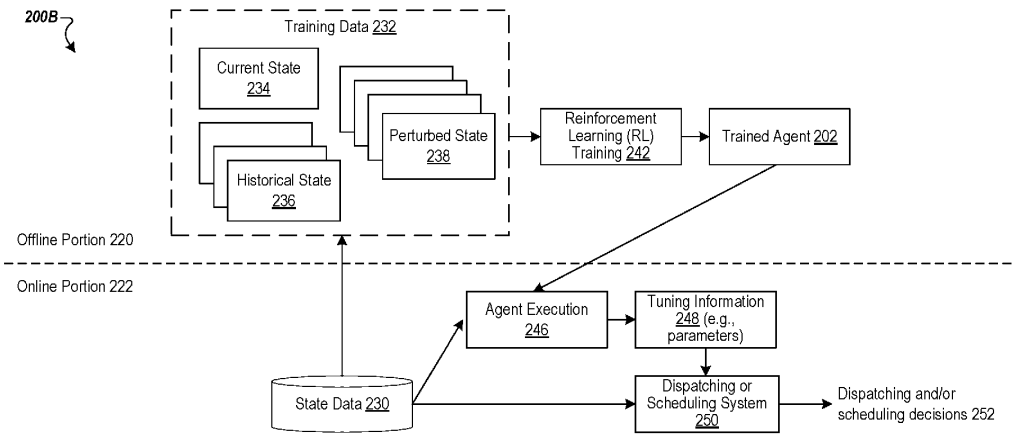



FIG. 2B

(57) Abstract: A method includes identifying current state data associated with a substrate processing facility including one or more higher-yield tools and one or more lower-yield tools that have a lower yield than the one or more higher-yield tools. The method further includes providing the current state data as input to a trained reinforcement learning agent. The method further includes receiving, from the trained reinforcement learning agent, output associated with parameters. The method further includes causing, based on the parameters, maximizing of lot processing on the one or more higher-yield tools while meeting one or more threshold production values.

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