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(54) Title: PROCESS TUNING SYSTEM FOR SUBSTRATE PROCESSING SYSTEMS

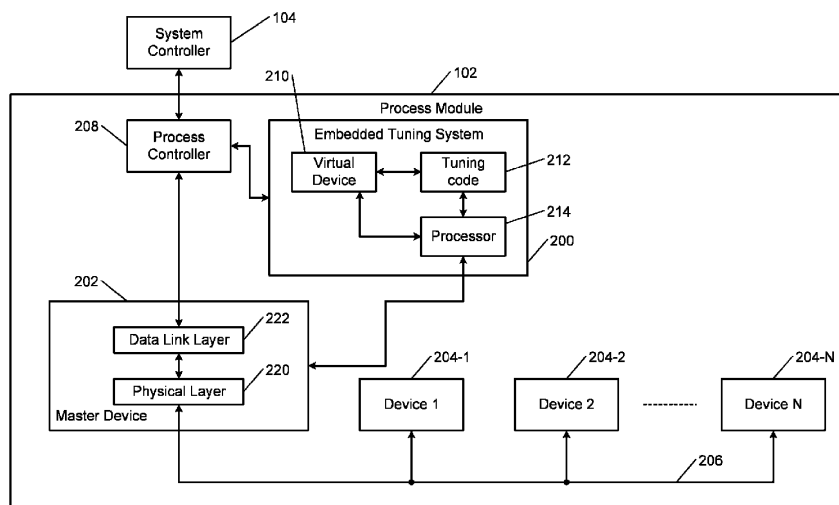


FIG. 5A

(57) Abstract: A system for tuning a process performed on a substrate in a process module includes a first controller to provide steps to perform the process, a plurality of devices of the process module connected to a first network and to perform operations associated with the process, and a second controller including an interface and a processor. The interface receives selected inputs indicative of the operations of the devices from the devices via the first network and provides selected outputs to the devices via the first network to tune the process. The processor is configured to execute instructions to define the interface, process the selected inputs received during a step of the process, and generate the selected outputs based on the processed selected inputs to adjust one or more of the operations of one or more of the plurality of devices to tune the process during the step of the process.

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