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- (54) **Title:** COMPUTER-IMPLEMENTED LIQUID-HANDLER PROTOCOL

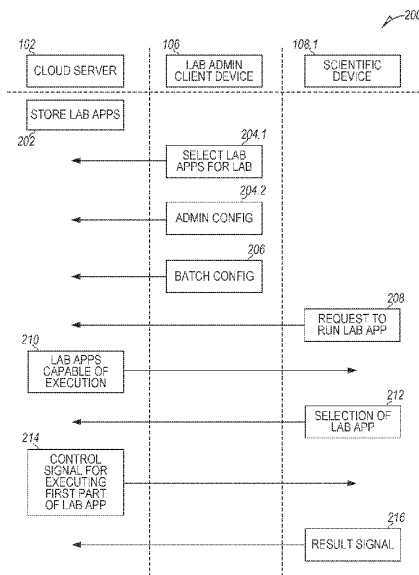


FIG. 2

(57) **Abstract:** A server stores a set of laboratory applications to process batches of samples. The server receives, from a first lab administrator, a selection of a subset of the laboratory applications to process the batches of samples and an admin configuration for a laboratory application in the subset. The server receives configuration(s) of batch(es) to be used for running at least a portion of the subset of laboratory applications configured according to the admin configuration. The server receives, from a first scientific device, a request to run a laboratory application from the first subset to process a batch. The server provides the laboratory application(s) that are capable of being executed using the first scientific device. The server receives, from the first scientific device, a selected laboratory application. The server transmits, to the first scientific device, a signal for executing a first part of the selected laboratory application.