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(54) **Title**: SYSTEMS AND METHODS FOR VISUAL TEST AUTHORING AND AUTOMATION

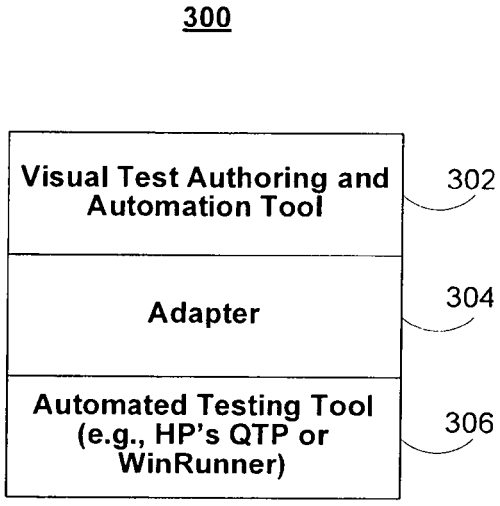


FIG. 3

(57) **Abstract**: A method of a visual test authoring and automation solution framework for an enterprise comprising supporting the creation of a test case for a visual application. First, the framework allows a user to assign a user-defined name to a test element, and select an action to be performed on the test element from a menu of actions. Second, the framework stores a mapping of the user-defined name assigned to the test element to a coded name in a corresponding language of an automated testing tool. Lastly, the system uses the mapping and the action selected to create the test case in the corresponding language of the automated testing tool.

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