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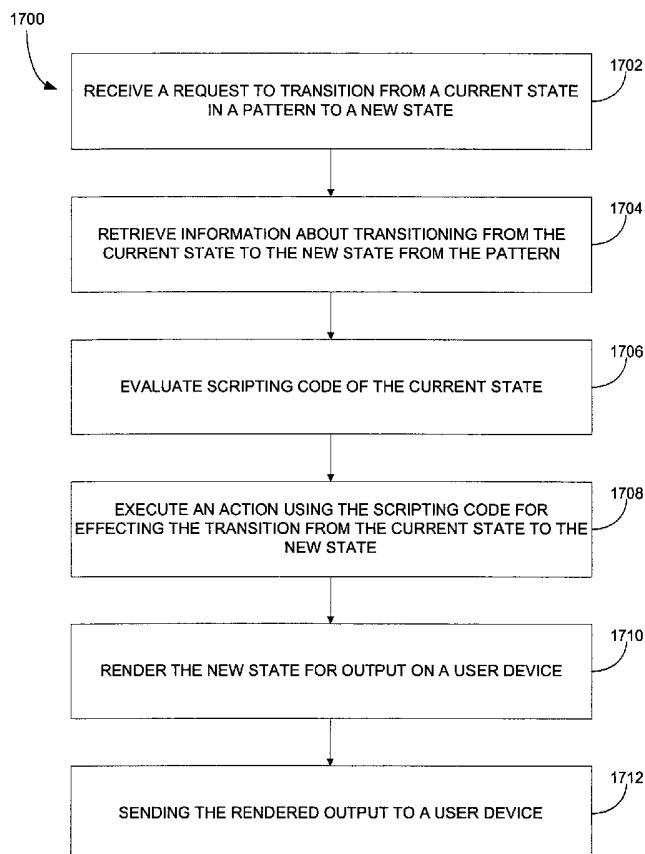
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[Continued on next page]

(54) Title: SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR PATTERN REPLAY USING STATE RECOGNITION



(57) Abstract: A system, method and computer program product are provided for replaying a pattern for transitioning from one state to another including in a remote application. A request to transition from a current state in a pattern to a new state is received (1702). Information about transitioning is retrieved from the pattern (1704). Scripting code of the current state is evaluated (1706). An action is executed using the scripting code for effecting the transition from the current state to the new state wherein states are included in a remote application (1708). An output from the new state is generated and sent to a user device (1712). A method is also provided for identifying a dynamic element and replaying a dynamic event. A web browser is hosted. A web page of a network site is rendered using the web browser. A dynamic element with pre-specified properties is identified on the rendered web page. The identified element is executed based on a pre-recorded pattern. A web page resulting from execution of the element is output.



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A. CLASSIFICATION OF SUBJECT MATTER

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US CL :709/224

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 709/224, 223, 217, 238, 202

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
none

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WEST

Search terms : navigation, web pages, URLs, collaboration, states, patterns, links or sites, dynamic, scripts, events.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y,E	US 6,549,944 B1 (WEINBERG et al) 15 April 2003, see Abstract and Col. 2, Line 30 - Col. 3, Line 37.	1-76
Y	US 5,717,860 A (GRABER et al) 10 February 1998, see Abstract and Col. 2, Line 36 - Col. 3, Line 46.	1-76
A,P	US 6,351,766 B1 (VIDOVIC) 26 February 2002, see the whole reference.	1-76
A	US 6,035,330 A (ASTIZ et al) 07 March 2000, see the whole reference.	1-76
A,P	US 6,418,448 B1 (SARKAR) 09 July 2002, see the whole reference.	1-76

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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"P" document published prior to the international filing date but later than the priority date claimed	

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