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- (54) Title: JAVASCRIPT-BASED, CLIENT-SIDE TEMPLATE DRIVER SYSTEM

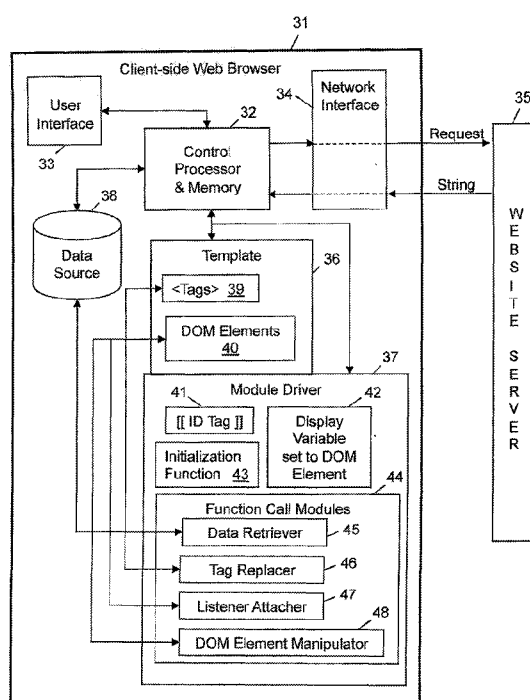


FIG. 17

- (57) Abstract: A method in a client web browser (31) for preventing collisions and eliminating polling for matching Document Object Model, DOM, elements while operating a website. The browser receives from a server (35), information for creating a DOM from a plurality of DOM modules. A module includes a template (36) and a Driver (37). A unique class attribute for the Driver is created from an identifier tag (41), enabling the Driver to operate independent of other modules. A variable (43) set to reference a DOM element in the template is utilized to sandbox all actions by the Driver into the referenced DOM element in the template, thereby preventing collisions and eliminating polling for matching DOM elements. The Driver retrieves (55) data for the module, replaces (56) tags in the template with corresponding data, attaches (57) event listeners to defined DOM elements in the template, and manipulates (58) DOM elements as needed to enable user interaction with the DOM module.



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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2011/0289419 A1 (YU et al.), 24 November 2011 (24.11.2011), entire document, especially Abstract; Para [0090], [0152], [0155], [0157]-[0162], [0170], [0179]-[0183], [0226]	1-12
Y	US 7,047,318 B1 (SVEDLOFF), 16 May 2006 (16.05.2006), entire document, especially Abstract; col 3, ln 1-15; col 6, ln 25-60; col 7, ln 45 to col 8, ln 15; col 8, ln 65 to col 9, ln 20	1-12
A	US 2013/0311875 A1 (PAPPAS et al.), 21 November 2013 (21.11.2013), entire document	1-12
A	US 2006/0265488 A1 (TUTTLE et al.), 02 October 2007 (02.10.2007), entire document	1-12
A	US 2013/0185643 A1 (GREIFENEDER et al.), 18 July 2013 (18.07.2013), entire document	1-12
A	US 2011/0161458 A1 (RUMELHART), 30 June 2011 (30.06.2011), entire document	1-12
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