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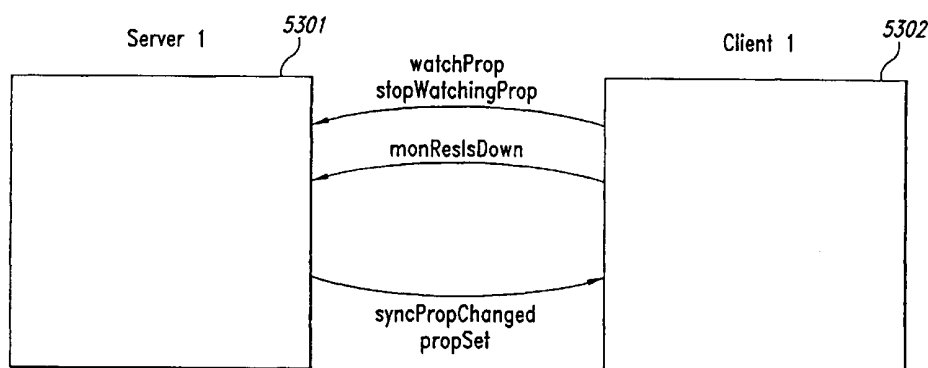
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[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR PROPERTY NOTIFICATION



(57) Abstract: A method system for tracking the state of an entity (e.g., an object) on behalf of a client (e.g., an application program). The states of an entity include up and down. The tracking system of the present invention receives a request from a client to track the state of an entity. The tracking system then watches the state of the entity to detect when the entity enters the up state. When the entity enters the up state, the tracking system performs a behavior that is specified by the client to be performed when the entity enters the up state. When the entity is in the up state, the tracking system monitors the state of the entity to detect when the entity enters the down state. When the entity enters the down state, the tracking system performs a behavior that is specified by the client to be performed when the entity enters the down state. When the tracking system receives a request from the client for a pointer to the entity, the tracking system determines the current state of the entity and either provides a pointer to the entity or indicates that a pointer is not being provided.



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# INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**  
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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)  
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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

IBM-TDB, WPI Data, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WEGNER, P.: "FRAMEWORKS FOR COMPOUND ACTIVE DOCUMENTS (DRAFT)" , 'Online! 20 October 1997 (1997-10-20), pages 1-15, XP002140277 Retrieved from the Internet: <URL:http://www.cs.brown.edu/people/pw/papers/fr1.ps> 'retrieved on 2000-06-30! page 7, line 37 - line 41 page 10, line 20, paragraph 8 -page 11, line 43	1,3
Y		4-8
A	---	2
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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- "&" document member of the same patent family

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## INTERNATIONAL SEARCH REPORT

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Int. Application No.

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