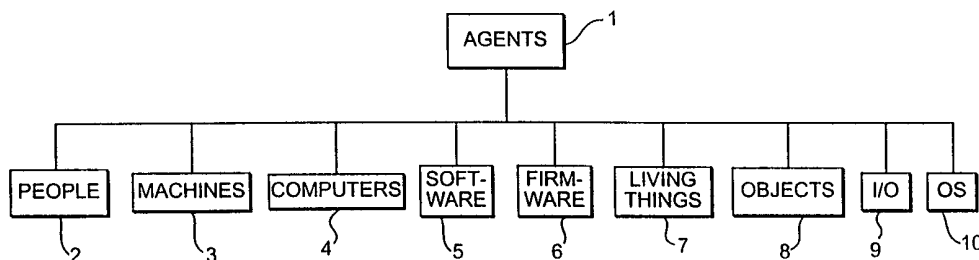




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(54) Title: A SYSTEM AND METHOD FOR OPTIMIZING ENVIRONMENTS TO FACILITATE AGENT PROCESSES



(57) Abstract

A system and method (Fig. 3) for optimizing environments to facilitate agent processes. The environments include components that allow rapid reconfiguration including reconfigurable furniture (110, 120, 130, 170, 190); adjustable lighting (181, 200); and sound (210). The system includes a plurality of agents each real agent (1-10, 21) having a plurality of characteristics, means for measuring actual performance of agents; means for inputting expected performance of agents; means for modifying agents based on the difference between actual and expected performance of agents. A system and method of optimizing agent pattern language values in collaborative environments that are subject to predetermined architectural rules is also provided. The systems employs an iterative feedback driven method for facilitating interaction among agents promoting feedback, learning and emergent group genius in a radically compressed time period.

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INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) : G05B 13/04; G06F 15/18

US CL : 364/149; 706/25

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. : 364/149, 148.02, 148.04, 150; 706/20, 25, 59, 60; 52/36.1; 340/825.07

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 practicable, search terms used)

APS search terms: architectural, pattern, language, agent

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,651,219 A (BALOGA et al) 29 JULY 1997, col. 13, lines 44-64, and the figures.	1-12
Y	US 5,684,469 A (TOMS et al) 04 NOVEMBER 1997, col. 7, line 31 to col. 8, line 16 and the figures.	1-12
Y,E	US 5,874,955 A (ROGOWITZ et al) 23 FEBRUARY 1999, the abstract, col. 9, lines 2-23 and the figures.	14, 16, 20, 22
Y,P	US 5,802,506 A (HUTCHISON) 01 SEPTEMBER 1998, the abstract, col. 4, line 63 to col. 5, line 12 and the figures.	14, 16, 20, 22

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

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