



[54] **APPARATUS AND SYSTEM FOR AN ADAPTIVE DATA MANAGEMENT ARCHITECTURE**

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5,280,615	1/1994	Church	709/104
5,374,951	12/1994	Welsh	348/4
5,404,541	4/1995	Hirosawa	713/324
5,557,658	9/1996	Gregorek et al.	379/88.25
5,628,004	5/1997	Gormley et al.	707/104
5,640,505	6/1997	Heam	714/4
5,737,726	4/1998	Cameron et al.	705/7
5,761,529	6/1998	Raji	710/4
5,819,263	10/1998	Bromley	707/3
5,904,727	5/1999	Prabhakaran	701/208

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[\*] Notice: This patent is subject to a terminal disclaimer.

OTHER PUBLICATIONS

Rubric "Corporate Background" Overview, Sep. 1996 pp. 1-31.  
 Rubric "Enterprise Marketing Automation" Overview, May 1998 pp. 1-3.

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Related U.S. Application Data

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[51] **Int. Cl.<sup>7</sup>** ..... **G06F 17/00**

[52] **U.S. Cl.** ..... **707/103; 707/3; 707/4; 707/5; 707/10; 707/104**

[58] **Field of Search** ..... **707/3, 4, 5, 10, 707/103, 104; 705/7; 379/88.25, 92.04**

[57] **ABSTRACT**

The present invention provides an apparatus, computer program and system for managing data. The computer program has at least one code segment to control system data stored in a first database and client data stored in a second database and several code segments that define a first set of objects linked to the first database, a second set of objects linked to the second database, and one or more minions. In addition, there are code segments to allow interaction with one or more agent processes. There is also a code segment to provide an interface between an external application and the code segment to manage the job queue.

[56] **References Cited**

U.S. PATENT DOCUMENTS

Re. 31,951	7/1985	Johnson et al.	379/92.04
4,603,232	7/1986	Kurland et al.	379/42.04
4,970,681	11/1990	Bennett	364/900

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