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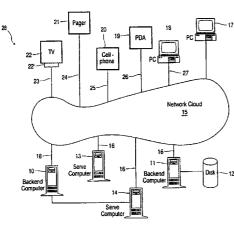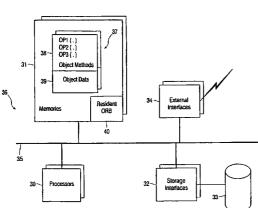
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(54) Title: SYSTEM AND METHOD FOR PRESENTATION OF COMPUTERIZED PATIENT RECORDS ACROSS A NETWORK

(57) Abstract: This invention includes systems and methods for the networked distribution and personalized presentation of computerized patient record ("CPR") information. In particular, the invention includes networked computer systems structured into third-tier systems, on which reside data server-objects, second tier systems, on which reside business-server objects, and first-tier systems, on which reside object-oriented user interface applications. The business-server objects read data from the data-objects, personalize and format the data, and present it to the user interface application. Data personalization and formatting follows recommendations returned from rules modules processed by a rules engine using data from a personalization database. The rules modules advantageously centralize the rules, instead of leaving the rules distributed and embedded throughout the application logic. Additionally, decision support services can be integrated into the system by the addition of necessary rules modules to the system knowledge base.

INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7   G06F19/00

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)
IPC 7   G06F

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)

INSPEC, EPO-Internal, WPI Data, PAJ, IBM-TDB, BIOSIS, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	BLOBEL B: "An object-oriented security approach involving HL7, CORBAmed, and DHE standards" TOWARD AN ELECTRONIC PATIENT '97. CONFERENCE AND EXPOSITION. PROCEEDINGS, PROCEEDINGS OF TEPR '97. TOWARD AN ELECTRONIC PATIENT RECORD '97, NASHVILLE, TN, USA, 27 APRIL-3 MAY 1997, pages 54-66 vol.2, XP000956351 1997, Newton, MA, USA, Med. Records Inst, USA ISBN: 0-9640667-9-3 page 54, line 1 -page 64, line 13; figures 1-8 --- -/--	1,21

X	Further documents are listed in the continuation of box C.	☐ Patent family members are listed in annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance

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Name and mailing address of the ISA	Authorized officer
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INTERNATIONAL SEARCH REPORT

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication,where appropriate, of the relevant passages	Relevant to claim No.
A	GRIEW A ET AL: "Developing the distributed patient record using CORBA technologies" PROCEEDINGS. TOWARD AN ELECTRONIC PATIENT RECORD '96. TWELFTH INTERNATIONAL SYMPOSIUM ON THE CREATION OF ELECTRONIC HEALTH RECORD SYSTEM AND GLOBAL CONFERENCE ON PATIENT CARDS, SAN DIEGO, CA, USA, 13 - 18 May 1996, pages 255-263 vol.2, XP000956355 1996, Newton, MA, USA, Medical Records Inst, USA ISBN: 0-9640667-7-7 page 261, line 1 -page 263, line 13	1,21
A	WANG C ET AL: "A CORBA-based object framework with patient identification translation and dynamic linking. Methods for exchanging patient data" METHODS OF INFORMATION IN MEDICINE, MARCH 1999, F.K. SCHATTAUER VERLAGSGESELLSCHAFT, GERMANY, vol. 38, no. 1, pages 56-65, XP000956447 ISSN: 0026-1270 page 56, left-hand column, line 1 -page 64, left-hand column, line 16	1,21
A	WONG S ET AL: "Next generation information infrastructure for digital hospitals" CAR '98. COMPUTER ASSISTED RADIOLOGY AND SURGERY. PROCEEDINGS OF THE 12TH INTERNATIONAL SYMPOSIUM AND EXHIBITION, PROCEEDING OF 12TH INTERNATIONAL SYMPOSIUM ON COMPUTER ASSISTED RADIOLOGY AND SURGERY, TOKYO, JAPAN, 24-27 JUNE 1998, pages 349-353, XP000956349 1998, Amsterdam, Netherlands, Elsevier Science, Netherlands ISBN: 0-444-82973-3 page 349, line 1 -page 352, line 37; figures 1,2	1,21
A	SILBERZAHN N ET AL: "A new object request broker architecture in implementing a medical picture retrieval system" MEDICAL INFORMATICS EUROPE '97, MEDICAL INFORMATICS EUROPE '97, THESSALONIKI, GREECE, 1997, pages 586-590 vol.2, XP000956357 1997, Amsterdam, Netherlands, IOS Press, Netherlands ISBN: 90-5199-343-9 page 586, line 1 -page 590, line 29	1,21

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