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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

[Continued on next page]

(54) Title: CLINICAL DECISION SUPPORT SYSTEMS AND METHODS

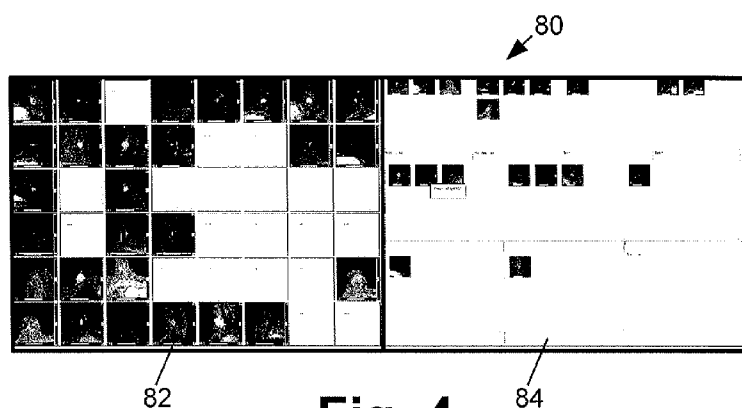


Fig. 4

(57) Abstract: A clinical decision support (CDS) system comprises: a case grouping sub-system (10) including a graphical user interface (30) that is operative to simultaneously display data representing a plurality of patient cases and further configured to enable a user to group selected patient cases represented by the simultaneously displayed data into clinically related groups (32) as selected by the user; a probative features determination sub-system (12) that is operative to determine probative features (44) that correlate with the clinically related groups; and a CDS user interface (16) that is operative to receive current patient data relating to a current patient case and to output clinical decision support information based on values of the probative features determined from the received current patient data.

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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER

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ADD.

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)
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)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/195883 A1 (MOJSILOVIC ALEKSANDRA [US] ET AL) 16 October 2003 (2003-10-16) paragraph [0008] - paragraph [0013] paragraph [0040] - paragraph [0058] paragraph [0066] - paragraph [0073] paragraph [0091] - paragraph [0105] paragraph [0110] - paragraph [0141] figures 1-15	1-20
X	US 2003/013951 A1 (STEFANESCU DAN [US] ET AL) 16 January 2003 (2003-01-16) paragraph [0003] - paragraph [0006] paragraph [0057] - paragraph [0089] paragraph [0111] paragraph [0117] paragraph [0123] - paragraph [0124] figures 1-16 ----- -/--	1-20

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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Z document member of the same patent family

Date of the actual completion of the international search

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2008/298766 A1 (WEN FANG [CN] ET AL) 4 December 2008 (2008-12-04) paragraph [0008] - paragraph [0009] paragraph [0026] - paragraph [0029] paragraph [0043] - paragraph [0055] figures 1-12 -----	1,2
A	US 2006/231108 A1 (NOVATZKY BENJAMIN D [US] ET AL) 19 October 2006 (2006-10-19) the whole document -----	1-20

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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