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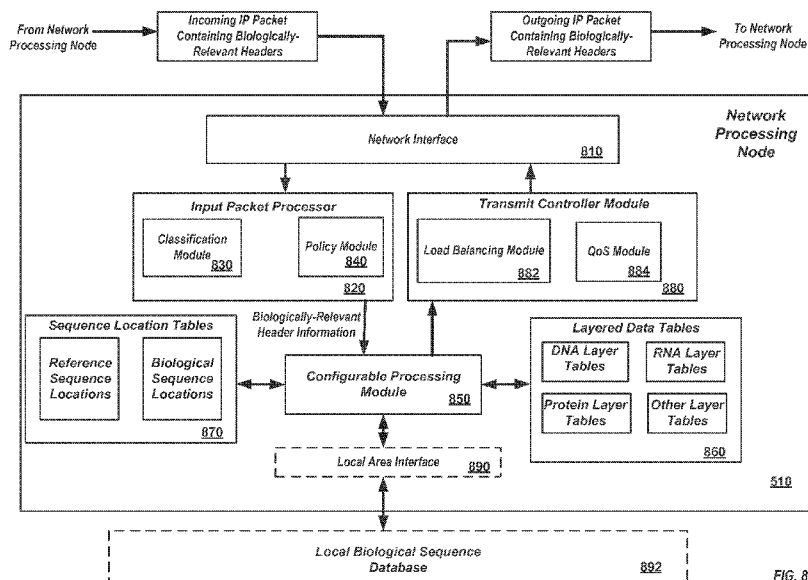


FIG. 8

(57) Abstract: A system and method for facilitating processing of a request in a biological data network comprised of a plurality of biological data units stored at a plurality of network nodes is disclosed herein. The disclosed method includes receiving, at a first network node included within the plurality of network nodes, the request from a client device wherein the first network node is configured to communicate with other network nodes included within the plurality of network nodes. The method also includes performing a first processing operation with respect to at least one of the biological data units based upon the request. Upon a determination being made that the processing of the request is complete, a response is sent from the first network node to the client device.

A. CLASSIFICATION OF SUBJECT MATTER**G06F 19/10(2011.01)i, G06F 19/28(2011.01)i**

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 19/10; G06F 19/00; G06F 17/60; G01N 33/50; C12Q 1/68; G06F 21/22

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords:

"biological*,DNA*,polymetric*,RNA*,genome*", "sequence*", "network", "disease*", "query*"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003-0082544 A1 (LANCE FORS et al.) 01 May 2003 See the abstract; paragraphs [0048]-[0209]; and figures 1-5.	1-28
A	US 2003-0113756 A1 (LAWRENCE MERTZ) 19 June 2003 See the abstract; paragraphs [0014]-[0072]; claims 1,10,14; and figures 1,2A.	1-28
A	US 2005-0075794 A1 (MARK A. HOFFMAN et al.) 07 April 2005 See the abstract; paragraphs [0020]-[0045]; and figures 1-2A.	1-28
A	US 2006-0285685 A1 (TEMBA JAMES MSEZANE) 21 December 2006 See the abstract; paragraphs[0012]-[0022]; and figures 1-2,5.	1-28

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

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INTERNATIONAL SEARCH REPORT

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