



(43) International Publication Date
13 September 2012 (13.09.2012)

- (51) International Patent Classification:
G06F 19/10 (2011.01) *H04L 12/56* (2006.01)
- (21) International Application Number:
PCT/US2012/028650
- (22) International Filing Date:
9 March 2012 (09.03.2012)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
61/451,086 9 March 2011 (09.03.2011) US
61/539,942 27 September 2011 (27.09.2011) US
61/539,931 27 September 2011 (27.09.2011) US

DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO,

- Published:
 - with international search report (Art. 21(3))
 - before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))
- (88) Date of publication of the international search report:
29 November 2012

(54) Title: BIOLOGICAL DATA NETWORKS AND METHODS THEREFOR

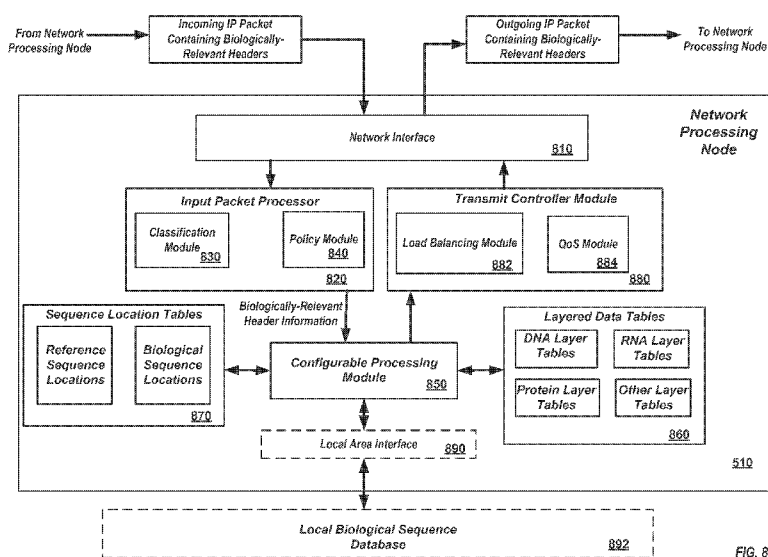


FIG. 8

(57) Abstract: A system and method of transmitting and receiving information pertaining to biological sequence data is disclosed. The method includes receiving, at a network interface of a node of a network, a data packet including a first header containing network routing information and a second header associated with a layered model representative of the biological sequence data. The method also includes parsing the data packet and separating the first header from the second header.

WO 2012/122553 A3

A. CLASSIFICATION OF SUBJECT MATTER**G06F 19/10(2011.01)i, H04L 12/56(2006.01)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; A61B 5/04; G06F 15/173; G06F 19/00; A61B 5/00; G06F 21/22; G06F 11/00

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*,gene*","packet*,payload*,header*","transmit*,transfer*,send*,rout*"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2005-0119535 A1 (KAZUTERU YANAGIHARA et al.) 02 June 2005 See the abstract; paragraphs[0008]-[0049],[0085]-[0089]; and figures1,3A.	1-38
A	US 2005-0267971 A1 (CHARLES W. FRITZ) 01 December 2005 See the abstract; paragraphs[0012]-[0019]; and figures 1-2.	1-38
A	US 2006-0285685 A1 (TEMBA JAMES MSEZANE) 21 December 2006 See the abstract; paragraphs[0012]-[0022]; and figures 1-2,5.	1-38
A	US 2005-0060599 A1 (HISAO INAMI et al.) 17 March 2005 See the abstract; paragraphs[0057]-[0065]; and figures 1-2.	1-38

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

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

27 SEPTEMBER 2012 (27.09.2012)

Date of mailing of the international search report

27 SEPTEMBER 2012 (27.09.2012)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
189 Cheongsu-ro, Seo-gu, Daejeon Metropolitan
City, 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

JUNG, Sung Yun

Telephone No. 82-42-481-8483



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2012/028650

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