



(51) International Patent Classification:

H04L 12/16 (2006.01) *H04L 12/58* (2006.01)
G06F 19/00 (2011.01) *A61G 99/00* (2006.01)

(21) International Application Number:

PCT/CA2010/001898

(22) International Filing Date:

25 November 2010 (25.11.2010)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/264,327 25 November 2009 (25.11.2009) US

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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, 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,

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(54) Title: SYSTEM AND METHOD FOR MANAGEMENT AND DISTRIBUTION OF DIAGNOSTIC IMAGING

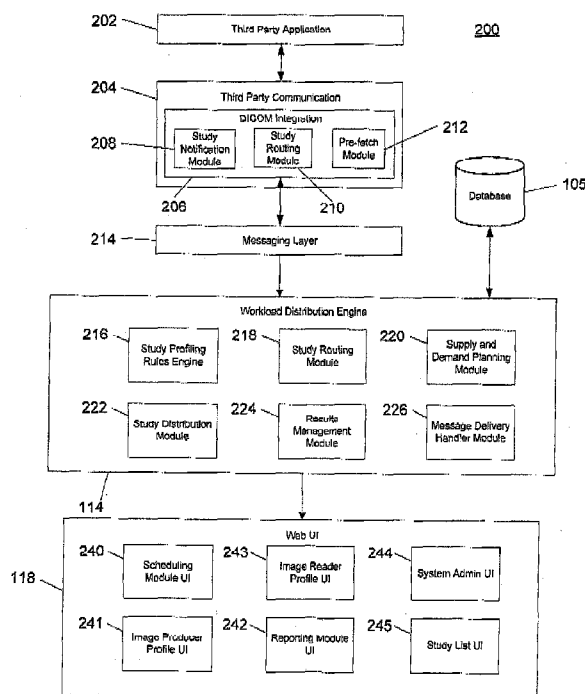


Figure 2

(57) Abstract: A method of distributing an image study to a chosen image reader is disclosed having steps of receiving an image study from an image producer at a third party communication module (204), sending a receive notification message to a messaging layer (214), sending a study available notification message from the messaging layer to a workload distribution engine (114) wherein the available notification message includes extracted image study information pulled from study headers of the image study, identifying image study rules from the extracted image study information, applying an image study complexity to the image study based on the image study rules (422), calculating image reader complexities (432) for a plurality of image readers subscribed to receive image studies from the image producer, each of the image reader complexities calculated using the image study complexity and an image reader profile assigned to each of the plurality of accredited image readers, selecting the chosen image reader from the plurality of image readers based on the image reader complexities, assigning the image study to the chosen image reader (440), and displaying the image study on a user interface to the chosen image reader.



ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, 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.

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).

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ,

Published:

— *with international search report (Art. 21(3))*