



(51) International Patent Classification:

H04N 21/44 (2011.01) H04N 21/438 (2011.01)
H04N 21/434 (2011.01) H04N 21/236 (2011.01)

(21) International Application Number:

PCT/CA2012/050345

(22) International Filing Date:

25 May 2012 (25.05.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/524,269 16 August 2011 (16.08.2011) US
61/557,856 9 November 2011 (09.11.2011) US

(71) Applicant (for all designated States except US): **DESTINY SOFTWARE PRODUCTIONS INC.** [CA/CA]; Suite 750, 650 West Georgia Street, Vancouver, British Columbia V6B 4N7 (CA).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **VESTERGAARD, Steven Erik** [CA/CA]; Suite 750, 650 West Georgia Street, Vancouver, British Columbia V6B 4N7 (CA). **TSUI, Che-Wai** [CA/CA]; 1398 El Camino Drive, Coquitlam, British Columbia V3E 2W6 (CA). **TU, Shaoning**

[CA/CA]; 2553 Kitchener Avenue, Port Coquitlam, British Columbia V3B 5M6 (CA).

(74) Agents: **RATTRAY, Todd A.** et al.; 480-The Station, 601 West Cordova Street, Vancouver, British Columbia V6B 1G1 (CA).

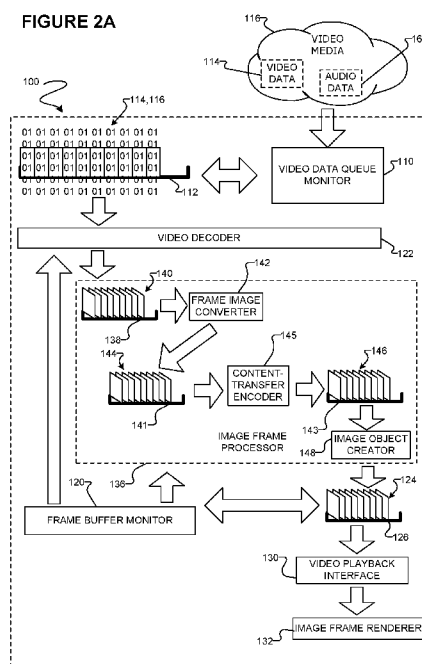
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, 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, 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).

[Continued on next page]

(54) Title: SCRIPT-BASED VIDEO RENDERING

FIGURE 2A



(57) Abstract: Systems and methods are provided for cross-platform rendering of video content on a user-computing platform that is one type of a plurality of different user-computing platform types. A script is transmitted to the user-computing platform and is interpreted by an application program compiled to operate on any one of the plurality of user-computing platform types. Transmitting the script causes the script to be interpreted by the application program operating on the user-computing platform to cause the interpreted script to directly decode encoded video data transmitted or otherwise accessible to the user-computing platform into decoded video data and to further cause the rendering of the decoded video data.



Declarations under Rule 4.17:

— *of inventorship (Rule 4.17(iv))*

Published:

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

— *with amended claims (Art. 19(1))*