



- (51) **International Patent Classification:**  
A63F 13/87 (2014.01) A63F 13/497 (2014.01)  
A63F 13/355 (2014.01)
- (21) **International Application Number:**  
PCT/US2014/041426
- (22) **International Filing Date:**  
6 June 2014 (06.06.2014)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**  
61/832,765 7 June 2013 (07.06.2013) US  
14/220,420 20 March 2014 (20.03.2014) US
- (71) **Applicant: SONY COMPUTER ENTERTAINMENT INC.** [JP/JP]; 1-7-1 Konan, Minato-ku, Tokyo 108-0075 (JP).
- (72) **Inventor; and**
- (71) **Applicant (for US only): RIMON, Noam** [US/US]; 2207 Bridgepointe Pkwy., San Mateo, CA 94404 (US).
- (74) **Agent: LEE, David, F.;** Martine Penilla Group, LLP, 710 Lakeway Drive, Suite 200, Sunnyvale, CA 94085 (US).
- (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, BN, 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, IR, IS, JP, KE, KG, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, 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, KM, ML, MR, NE, SN, TD, TG).

**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 January 2015

(54) **Title:** SHARING THREE-DIMENSIONAL GAMEPLAY

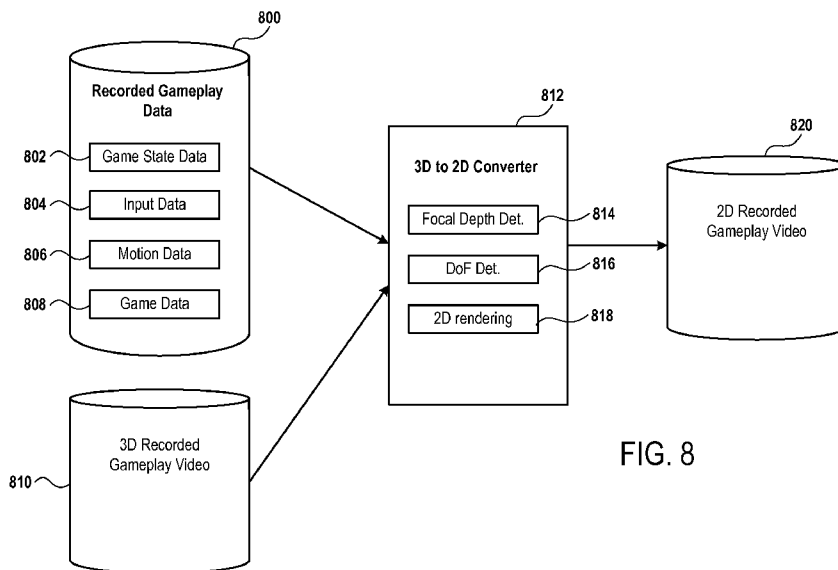


FIG. 8

(57) **Abstract:** A method for sharing three-dimensional gameplay of a video game to a social network is provided, the method including: receiving a request to share a recorded gameplay portion to a social network, the recorded gameplay portion defined by three-dimensional recorded video; generating a two-dimensional video clip based on the three-dimensional recorded video; sharing the two-dimensional video clip to the social network.



INTERNATIONAL SEARCH REPORT

International application No  
PCT/US2014/041426

A. CLASSIFICATION OF SUBJECT MATTER  
INV. A63F13/87 A63F13/355 A63F13/497  
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)  
A63F

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 practicable, search terms used)  
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2008/268961 A1 (BROOK MICHAEL [US] ET AL) 30 October 2008 (2008-10-30)	1-6
Y	paragraphs [029], [034] - [039], [040] - [045], [047], [080], [090], [093] - [096], [104]; figures 4,5	4,5, 14-16, 19,20
	-----	
X	US 2012/309515 A1 (CHUNG DAVID D [US] ET AL) 6 December 2012 (2012-12-06)	1-3,6
Y	paragraphs [026] - [027], [031] - [034], [043], [046], [047], [067], [068], [070], [073], [080], [102] - paragraphs [103], [111], [205]; figures 1,4-6,7	4,5, 14-16, 19,20
	-----	
	-/--	

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "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  15 September 2014	Date of mailing of the international search report  26/11/2014
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer  Ruf, Andreas

## INTERNATIONAL SEARCH REPORT

International application No  
PCT/US2014/041426

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>KOSARA R ET AL: "Semantic depth of field", PROCEEDINGS IEEE SYMPOSIUM ON INFORMATION VISUALIZATION 2001. INFOVIS 2001 CONF-PROCEEDINGS 2001 INFORMATION VISUALIZATION, IEEE, US, 22 October 2001 (2001-10-22), pages 97-104, XP008120577, DOI: 10.1109/INFVIS.2001.963286 * section 3.3.2, 5.2; Fig. 2,4,5 *</p> <p>-----</p>	4,5,19, 20
Y	<p>US 7 623 726 B1 (GEORGIEV TODOR G [US]) 24 November 2009 (2009-11-24) abstract; claim 1; figures 3,4 column 3, lines 1-46</p> <p>-----</p>	4,5,19, 20

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US2014/041426

## Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
  
3.  Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1.  As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
  
2.  As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
  
3.  As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
  
4.  No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:  
1-6, 14-16, 19, 20

### Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-6, 14-16, 19, 20

Creating of shareable 2D video clips at focal depth established from in-game condition and 3D video

---

2. claims: 7, 17, 18

Creating shareable 2D video clips at focal depth and zoom established from user's gaze and 3D video

---

3. claims: 8-13

Plugin architecture for hardware-dependent 3D-2D video conversion

---

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2014/041426

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2008268961	A1	30-10-2008	NONE
-----			
US 2012309515	A1	06-12-2012	US 2012309515 A1 06-12-2012
			US 2014100034 A1 10-04-2014
-----			
US 7623726	B1	24-11-2009	US 7623726 B1 24-11-2009
			US 7961970 B1 14-06-2011
-----			