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[Continued on next page]

(54) Title: SCRIPT-INTEGRATED STORYBOARDS

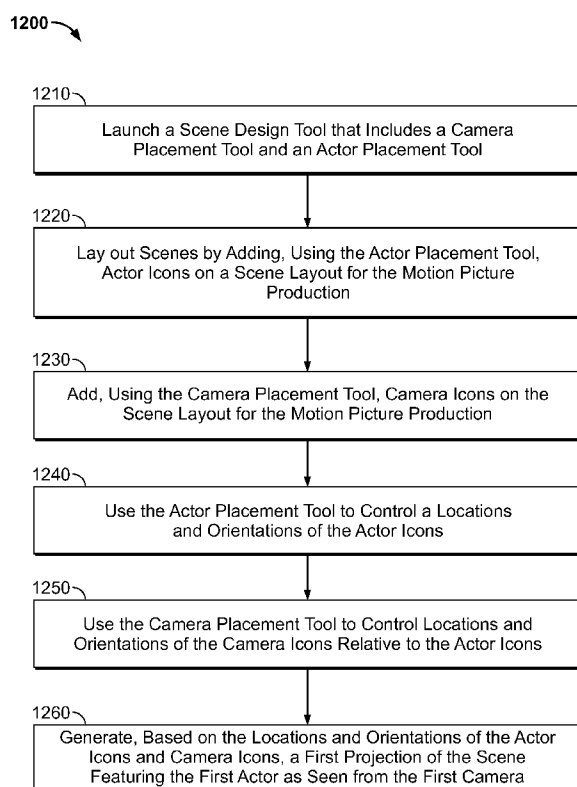


FIG. 12

(57) Abstract: A storyboard presentation is generated by launching a scene design tool that includes actor and camera placement tools. Using the actor and camera placement tools, a first actor icon and a first camera icon are added on a scene layout, the first actor icon representing a first actor that will appear in a scene and the first camera icon representing a first camera that will film the scene. The user is enabled to control a location and orientation of the first actor icon using the actor placement tool and a location and orientation of the first camera icon relative to the first actor icon using the camera placement tool. Based on the location and orientation of the first actor icon and the first camera icon, a first projection of the scene featuring the first actor as seen from the first camera is generated.



TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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Declaration under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

Published:

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(88) Date of publication of the international search report:

18 June 2009

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2008/069603

A. CLASSIFICATION OF SUBJECT MATTER

INV. H04N5/222 G06Q10/00 G11B27/031 G11B27/34 G06T17/40

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)

G11B H04N G06Q G06T

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 practical, 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	ZHI-QIANG LIU ET AL: "Script visualization (ScriptViz): a smart system that makes writing fun" SOFT COMPUTING ; A FUSION OF FOUNDATIONS, METHODOLOGIES AND APPLICATIONS, SPRINGER, BERLIN, DE, vol. 10, no. 1, 1 January 2006 (2006-01-01), pages 34-40, XP019348636 ISSN: 1433-7479 paragraphs [0001], [0002], [03.1], [3.3.2], [0004]; figures 5-7	1-7, 10-12, 24-26
Y	----- -/--	13-15



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 document 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.
- *G* document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International application No

PCT/US2008/069603

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006/106494 A1 (ALVAREZ DONALD [US] ET AL) 18 May 2006 (2006-05-18) paragraphs [0090], [0093], [0101], [0107]; figure 2 paragraphs [0007], [0018], [0042], [0077], [0081], [0085]; figures 3,12 -----	1-7, 10-12, 16,24-26
X	US 2003/174286 A1 (TRUMBULL DOUGLAS [US]) 18 September 2003 (2003-09-18) paragraphs [0004], [0035], [0036], [0039], [0045], [0046], [0060], [0061] paragraphs [0065] - [0071] paragraphs [0076] - [0081] paragraph [0089] -----	1,20-23
A	WO 00/67139 A (CREATIVE PLANET INC [US]) 9 November 2000 (2000-11-09) pages 1,9-11 pages 21-23 page 27, lines 10-15 page 29, lines 15-20 -----	20-23
X	C. KENWORTHY: "FrameForge 3D Studio 2" 3D WORLD, [Online] May 2006 (2006-05), page 98, XP002519072 ONLINE Retrieved from the Internet: URL:http://frameforge3d.com/3DWrlld-med-res.pdf> [retrieved on 2009-03-09] the whole document -----	1-12, 24-26
P,X	ANONYMOUS: "FrameForge 3D Studio 2 Quickstart Guide"[Online] 8 October 2008 (2008-10-08), pages 1-15, XP002519073 Retrieved from the Internet: URL:http://www.moviesoft.fr/documentation/FrameForge%20%20Quick%20Start.pdf> [retrieved on 2009-03-09] the whole document -----	1-12, 24-26
Y	US 2005/022125 A1 (POWELL STACY LIANE [US]) 27 January 2005 (2005-01-27) paragraphs [0017], [0020], [0024], [0038]; figure 1 -----	13-15
X	US 2007/162854 A1 (KIKINIS DAN [US]) 12 July 2007 (2007-07-12) figure 2 paragraphs [0028], [0034] paragraphs [0038] - [0049] -----	1,17-19
Y	paragraphs [0034], [0042] -----	13-15

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2008/069603

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 allsearchable 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.:

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 to 7, 10 to 12, 16, 24 to 26

directed to features of a "scene design tool" allowing an operator to visualise a scene of a movie from the different positions of a camera.

2. claims: Claims 8, 9 and 13 to 15

directed to allowing an operator to visualise different camera views for different segments of a scene.

3. claim: Claims 17 to 19

directed to modifying a "script" based on operator interaction with the "scene design tool" to select an identity for an actor icon from "available actors" and "available characters"

4. claim: Claims 20 to 23

directed to project and resource management of a movie production.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2008/069603

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2006106494 A1	18-05-2006	US 2008312770 A1	18-12-2008
US 2003174286 A1	18-09-2003	US 2003174285 A1	18-09-2003
WO 0067139 A	09-11-2000	AU 4674700 A	17-11-2000
US 2005022125 A1	27-01-2005	NONE	
US 2007162854 A1	12-07-2007	NONE	