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(54) **Title:** MEDIA SYSTEMS AND METHODS FOR PROVIDING SYNCHRONIZED MULTIPLE STREAMING CAMERA SIGNALS OF AN EVENT

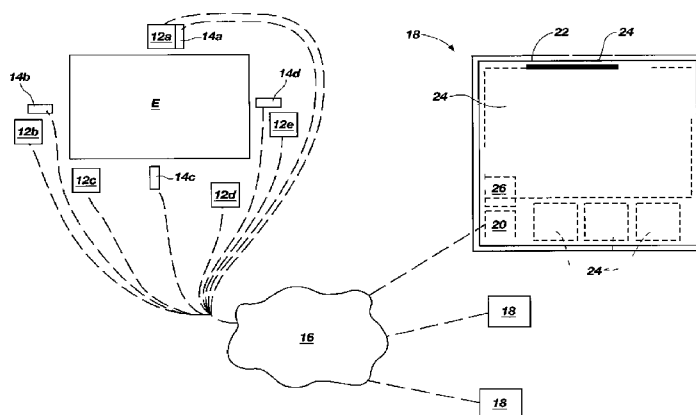


FIG. 1

(57) **Abstract:** A media system is provided having synchronized multiple camera signals of at least one event or activity for transmission over the internet to end users for selective display and/or manipulation. The media system may provide that end users are able to select and view and manipulate one or more of the multiple streaming video signals at will. The media system may be used in connection with a great variety of events or activities, including without limitation concerts, sports events, political events, sales events, movie premiers, public events, training events and religious events. A method is also provided having synchronized camera signals of at least one event or activity for transmission over the internet to end users for selective display and/or manipulation. The multiple camera signals are provided to end users for selective display and/or manipulation by end users. A media player is also provided for processing synchronized camera signals representing different views of at least one event or activity and providing end users of the media player the options of selectively displaying and/or manipulating at least one of the views at will.

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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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

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eKOMPASS(KIPO internal) & Keywords Multiple camera, streaming video, thumbnail

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	US 2003-0197785 A1 (PATRICK WHITE et al.) 23 October 2003 See abstract ; paragraphs [0023-0027] , [0043-0046] , [0053-0055] ;Figures 1-4 ,9 ,11.	1-20
Y	US 2005-0285875 A1 (SING KANG et al.) 29 December 2005 See abstract; paragraphs [0052-0078] , [0039] , [0043-0046] , [0095-0105] , [0113-0116] ;Figures 1-3,8.	1-20

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

* Special categories of cited documents

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003-0197785 A 1	23.10.2003	US 7196722 B2	27.03.2007
US 2005-0285875 A 1	29.12.2005	CN 1717064 A	04.01.2006
		CN 1717064 A	04.01.2006
		CN 1717064 CO	04.01.2006
		EP 1612732 A2	04.01.2006
		EP 1612732 A3	06.12.2006
		JP 2006-012161 A	12.01.2006
		JP 2006-012161 A	12.01.2006
		KR 10-2006-0048551 A	18.05.2006
		KR20060048551A	18.05.2006
		KR20060048551A	18.05.2006
		US 2005-0286759 A 1	29.12.2005
		US 2005-285875 A 1	29.12.2005
		US 2005-286759 A 1	29.12.2005
		US 7286143 B2	23.10.2007
		US 7292257 B2	06.11.2007