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- (71) **Applicant: PIXELLOT LTD.** [IL/IL]; 6 Hanechoshet St., 6971070 Tel Aviv (IL).
- (72) **Inventors: OZ, Gal;** 7 Emek Hachula St., 44622 Kfar Saba (IL). **LIBERMAN, Yoav;** 11 Meir Yaari St., 69371 11 Tel Aviv (IL). **SHAULI, Avi;** 16 Bavli St., 6233 116 Tel Aviv (IL).
- (74) **Agent: WEILER, Assaf et al;** Pearl Cohen Zedek Latzer Baratz, P.O. Box 7198, Tel Aviv 6107121 (IL).
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(54) **Title:** METHOD AND SYSTEM FOR AUTOMATICALLY PRODUCING VIDEO HIGHLIGHTS

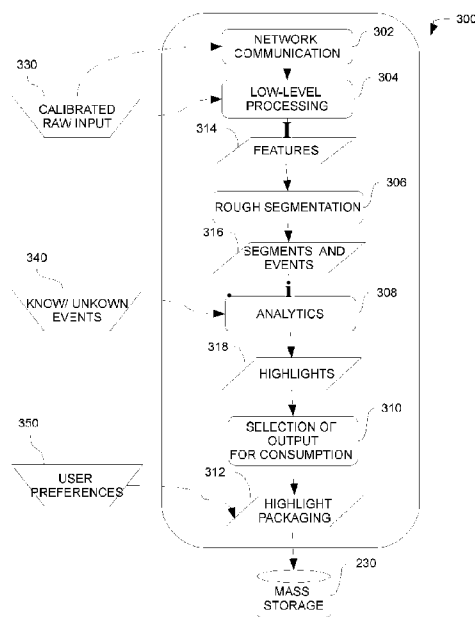


Figure 3

(57) **Abstract:** Methods and systems are provided for automatically producing highlights videos from one or more video streams of a playing field. The video streams are captured from at least one camera, calibrated and raw inputs are obtained from audio, calibrated videos and actual event time. Features are then extracted from the calibrated raw inputs, segments are created, specific events are identified and highlights are determined and the highlights are outputted for consumption, considering diverse types of packages. Types of packages may be based on user preference. The calibrated video streams may be received and processed in real time, periodically.



INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC - H04N 21/8549, 21/2187 (2017.01)

CPC -

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

See Search History document

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

See Search History document

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

See Search History document

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2007/073349 A1 (AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH) 28 June 2007; page 13, last paragraph; page 24, 1st paragraph; page 36, 5th paragraph; figures 10, 22.	1-18
A	US 2016/0012296 A1 (CARNEGIE MELLON UNIVERSITY) 14 January 2016; entire document.	1-18
A	US 2014/0176708 A1 (ROBERTCH GMBH) 26 June 2014; entire document.	1-18
A	US 2016/000491 1 A1 (SRI INTERNATIONAL) 07 January 2016; entire document.	1-18

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

* Special categories of cited documents:	"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
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"O" document referring to an oral disclosure, use, exhibition or other means	
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Mail Stop PCT, Attn: ISA/US, Commissioner for Patents
P.O. Box 1450, Alexandria, Virginia 22313-1450

Facsimile No. 571-273-8300

Authorized officer

Shane Thomas

PCT Helpdesk: 571-272-4300
PCT OSP: 571-272-7774