



US 20240214543A1

(19) **United States**

(12) **Patent Application Publication**

Basu et al.

(10) **Pub. No.: US 2024/0214543 A1**

(43) **Pub. Date: Jun. 27, 2024**

(54) **MULTI-CAMERA MULTIVIEW IMAGING
WITH FAST AND ACCURATE
SYNCHRONIZATION**

(52) **U.S. Cl.**

CPC *H04N 13/282* (2018.05); *H04N 13/156*
(2018.05); *H04N 13/189* (2018.05)

(71) Applicant: **Rovi Guides, Inc.**, San Jose, CA (US)

(57)

ABSTRACT

(72) Inventors: **Anup Basu**, Saint Albert (CA);
Dhananjay Lal, Englewood, CO (US);
Reda Harb, Issaquah, WA (US)

There is provided a method comprising: receiving a communication from one or more devices capable of recording content, determining, using a wireless communication transceiver, a geographical location of the one or more devices, determining an orientation of the one or more devices, receiving content capturing an event and recorded on the one or more devices, storing the content capturing an event and recorded on the one or more devices, and creating, from a collection of recordings comprising at least the stored content capturing an event and recorded on the one or more devices, a single representation of the event by combining segments of the collection of recordings.

(21) Appl. No.: **18/087,533**

(22) Filed: **Dec. 22, 2022**

Publication Classification

(51) **Int. Cl.**

H04N 13/282 (2006.01)

H04N 13/156 (2006.01)

H04N 13/189 (2006.01)

