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Chen et al.

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(54) **REAL-TIME VIDEO COMMENTING**

OTHER PUBLICATIONS

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Masahiro Tabuchi; TV Community System That Enables Users to Build and Maintain a Community Associated With the Time_Line of TV Program; May 2004. NEC C&C Media Research Lab. vol. 99, No. 7, ISSN 0919-6072.*

(73) Assignee: **Google Inc.**, Mountain View, CA (US)

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 950 days.

Kirkpatrick, M., "Grouper lets video viewers leave video comments," TechCrunch, Jul. 28, 2006, [online] [Retrieved on Sep. 3, 2009], 8 pages, Retrieved from the internet URL:<http://www.techcrunch.com/2006/07/28/grouper-lets-video-viewers-leave-video-comments/>.

(21) Appl. No.: **11/952,125**

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(22) Filed: **Dec. 6, 2007**

Related U.S. Application Data

Primary Examiner — Brian T Pendleton

(60) Provisional application No. 60/868,925, filed on Dec. 6, 2006.

Assistant Examiner — Alan Luong

(51) **Int. Cl.**
H04N 7/173 (2011.01)

(74) *Attorney, Agent, or Firm* — Fenwick & West LLP

(52) **U.S. Cl.**
USPC **725/24**; 725/109; 725/110; 715/716;
715/719; 715/736; 715/738

(57) **ABSTRACT**

(58) **Field of Classification Search**
USPC 725/24, 32, 109, 110, 131–139, 151;
709/703, 719; 715/721
See application file for complete search history.

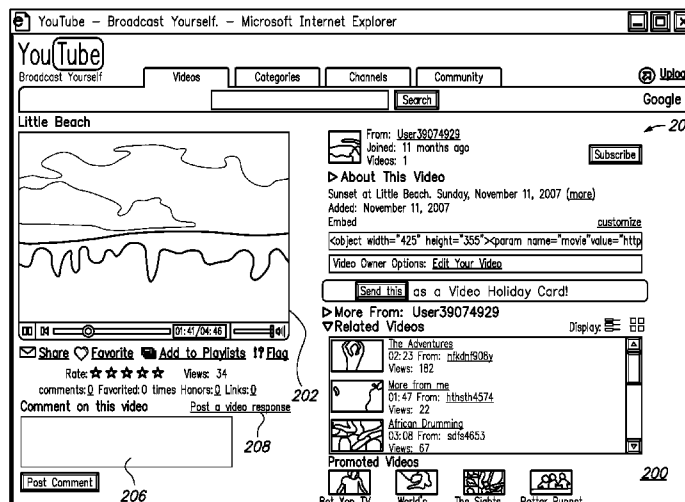
The present invention enables real-time video commenting by viewers of media content on a web site. The media content may be video, audio, text, still images or other types of media content. When a content viewer indicates a desire to provide a real-time video comment, a content server causes a video input device at the content viewer's location to be activated. The content viewer's video comment is captured by the video input device and transmitted to the content server, where it is stored and associated with the video being commented upon. When the original video is subsequently presented to content viewers, indicia of the video comment such as a thumbnail or description of the comment is also presented, thus inviting content viewers to view the video comment in addition to the original video.

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14 Claims, 12 Drawing Sheets



TWITTER, INC.
EXHIBIT 1017

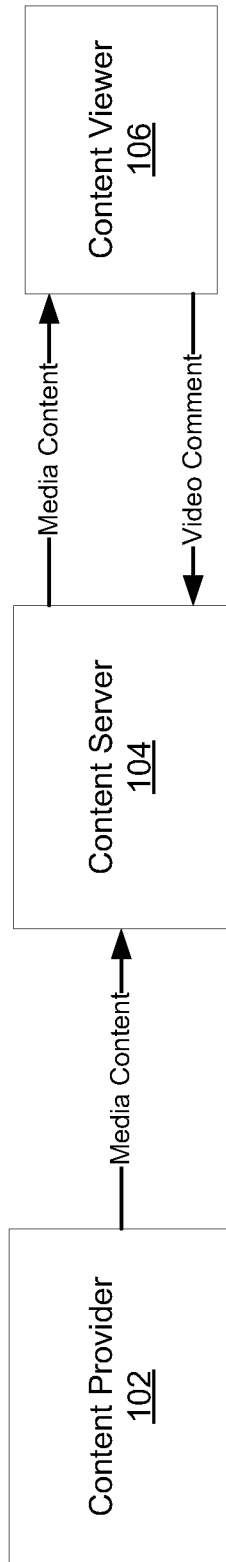


Fig. 1

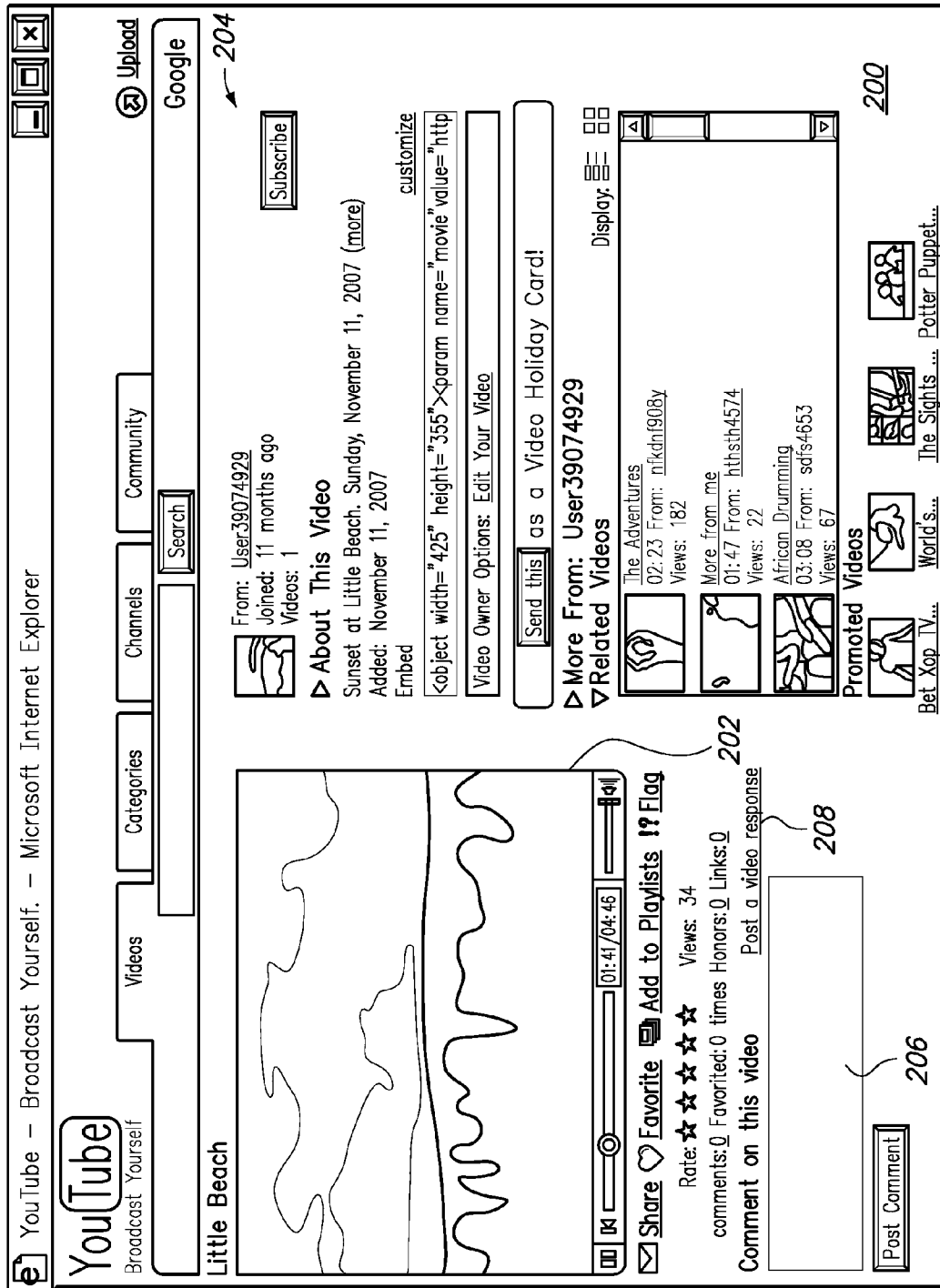


FIG. 2

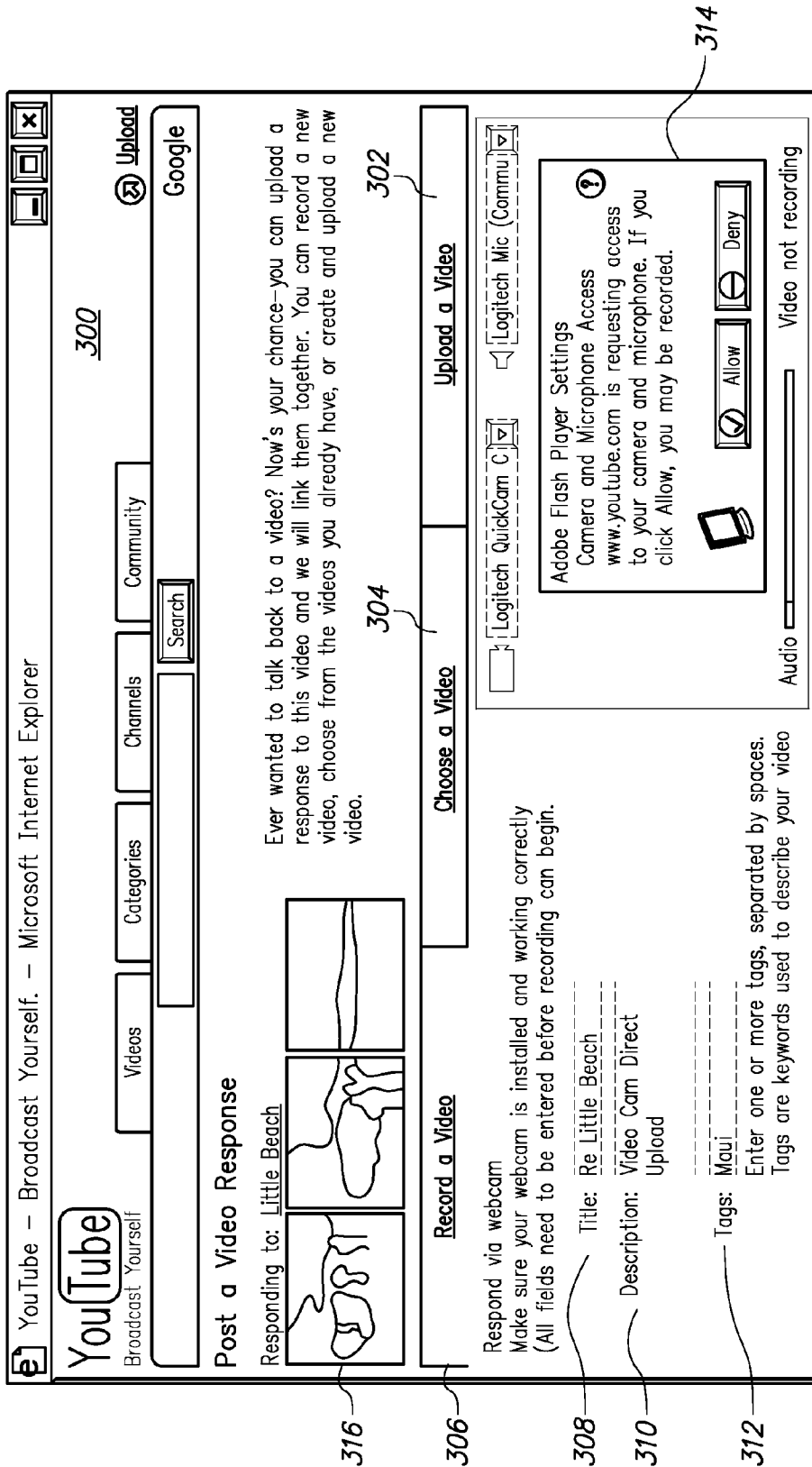


FIG. 3

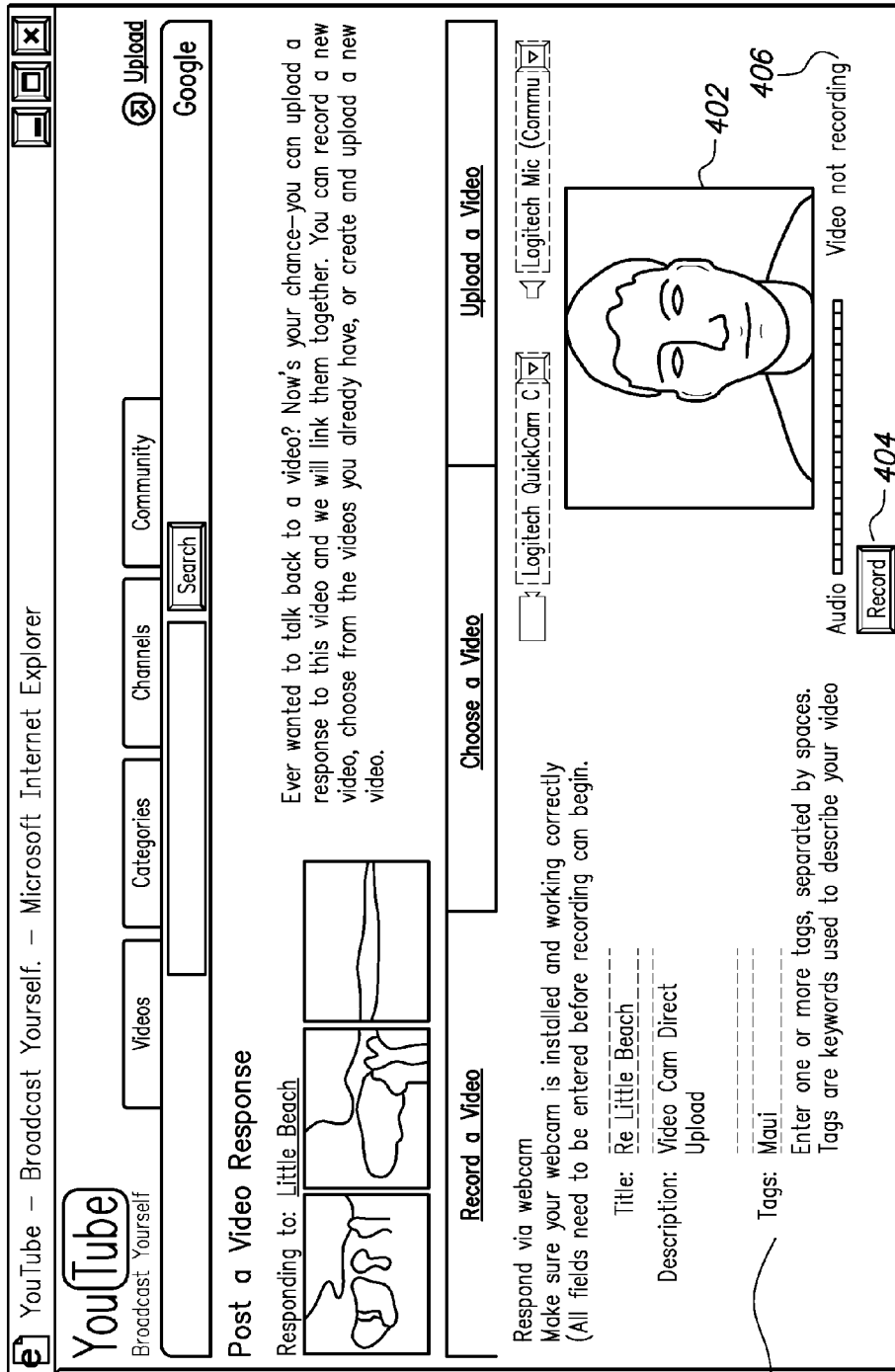


FIG. 4

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