

Netflix, Inc., Petitioner
v.
Affinity Labs of Texas, LLC,
Patent Owner

U.S. Patent Nos. 9,094,802 & 9,444,868
IPR2016-01701 & IPR2017-00122
Oral Argument December 21, 2017

Affinity Labs' Hearing Demonstratives

Introduction to U.S. Patent No. 9,094,

What is claimed is:

1. A method to deliver media, comprising:
organizing an available media into a plurality of independent segment files to facilitate delivery;
formatting a given segment to facilitate an outputting of the given segment at a given rate;
formatting a different segment to facilitate an outputting of the different segment at a different rate, wherein the different rate is slower than the given rate;
generating a list that includes an address for each of the plurality of independent segment files;
receiving an HTTP communication that indicates a desire to access the available media;
sending the list in response to receiving the HTTP communication;
sending the given segment; and
sending the different segment.

9. A streaming method comprising:
receiving an HTTP communication at a media delivery resource that comprises a request for a listing of locations for segments of available media;
wherein the request is from a device having non-volatile memory, and a collection of segments stored in the non-volatile memory that are available to request a media segment with a formatting;
(1) to request the media segment to be delivered from the delivery resource at a given rate, (2) to consider the information stored in the buffer, and (3) to request a different segment with a different formatting;
the different segment to be delivered from the delivery resource at a different rate, wherein the two rates are rates at which a streaming media is output;
sending a message comprising a plurality of requests for different segments of the available media;
sending a requested segment of the available media, wherein the requested segment has a compression format that allows for use at the given rate; and
sending a different requested segment of the available media, wherein the different requested segment has a different compression format.

Introduction to U.S. Patent No. 9,094,

14. A system that facilitates delivery of media, comprising:
a media available for delivery as a series of segments, wherein at least a given one of the segments is configured to allow delivery to a requesting device via a network link capable of communicating information at a first rate and at least another segment is configured to allow delivery to the requesting device via a link capable of communicating information at a different rate;
a media playlist for the available media that includes a network location for a file representing the given one of the segments and a different network location for a different file representing the other segment; and
a delivery resource configured to respond to a plurality of file requests by transmitting information to the requesting device in a manner that facilitates a continuous outputting of the available media by the requesting device.

Introduction to U.S. Patent No. 9,444,

1. A media system, comprising:
a plurality of independent segment files, wherein a given segment file of the plurality of independent segment files has a given format and a different segment of the plurality of independent segment files has a different format, further wherein the given format facilitates an outputting of information in the given segment file at a given rate that is different than a rate associated with the different format;
a playlist that comprises a list, and the list includes a first URL for the given segment file and a different URL for the different segment file;

a network-based communication system operable to contribute media content to a remotely located device; to receive an HTTP communication from a remotely located requesting device that indicates a desire to access the available media; to send information representing the playlist to the remotely located requesting device; to send information representing a given segment file to the remotely located requesting device; and, to send information representing a different segment file to the remotely located requesting device; and
a plurality of remote devices configured to receive the information wherein each of the plurality of remote devices comprises: (1) an internal memory system; (2) a set of instructions stored in the internal memory system that is operable when executed to utilize the information representing the playlist, to request a streaming delivery of the information representing the given segment file, and to request a streaming delivery of the information representing the different segment file; and
a buffer configured to output the information representing the given segment file at the given rate and the information representing the different segment file at the rate, which is different than the given rate.

Introduction to U.S. Patent No. 9,444,

7. A media system, comprising:

a plurality of independent segment files that represent an available media, wherein a given segment file of the plurality of independent segment files has a given compression format and a different segment file of the plurality of independent segment files has a different compression format, further wherein the given compression format facilitates an outputting of information in the given segment file at a first rate that is different than a second rate associated with the different compression format;

a list including a given address for the given segment file and a different address for the different segment file;

a content delivering system comprising an electronic device operable as a communication device and a plurality of memory devices operable to store information, the content delivering system configured to receive an HTTP communication from a remote requesting device that indicates a desire to access the available media, to send the list in response to receiving

the HTTP communication, to receive an HTTP communication that indicates a request for the given segment file, to stream data representing the given segment file, to receive an HTTP communication that indicates a request for the different segment file, and to stream data representing the different segment file; and the electronic device comprising a housing at least partially defining an enclosure, a transceiver communicatively coupled to a communication network, and a processor located within the enclosure.

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