

# EXHIBIT 1017

Customer No. 035884

Attorney Docket No. 2080-3507

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Jong Wook Lee

Serial No: 11/401,798

Filed: April 10, 2006

FOR: AUDIO AND VIDEO SYNCHRONIZING  
APPARATUS AND METHOD

Art Unit: 2622

Examiner: DESIR, Jean Wicel

Conf. No.: 6246

**AMENDMENT IN RESPONSE TO AFTER FINAL  
REJECTION UNDER 37 C.F.R. § 1.116**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper is in response to the Final Office Action dated July 12, 2010, in connection with the above-identified application, the response to which is due October 12, 2010. It is believed that no fee is due in connection with this paper. This paper is submitted with a Request for Continued Examination (RCE) and the corresponding fee. Please charge any fees and credit any overpayment to our deposit account No. 502290. Please enter and consider the following amendments and remarks:

IN THE CLAIMS:

Please amend claims 1-11, 16 and 17 as follows:

1. (Currently amended) An audio and video synchronizing apparatus comprising:

a video signal processing unit processing a video signal ~~outputted-output~~ to a display device of a video processing equipment;

an audio signal processing unit outputting an audio signal, the audio signal ~~outputted-output~~ to an audio device of the video processing equipment and synchronized with the video signal;

a switching unit selecting paths for the video signal and audio signal respectively ~~inputted-input~~ to the video signal processing unit processor and audio signal input to the audio signal processing unit processor, and paths for selecting at least a video and/or audio signals-outputted-signal output to an external device that is not part of the video processing equipment;

an outputting unit outputting at least the audio and/or video signal selected by the ~~switch~~switching unit; and

an output selecting unit controlling the switching unit according to a kind of the external device connected to the outputting unit, and ~~thus~~ selectively outputting at least the audio and/or video signal to the external device,

wherein the video signal is output to the display device of the video processing equipment and the audio signal that is synchronized with the video signal is output to the external device simultaneously.

2. (Currently amended) The apparatus according to claim 1, further comprising a detector detecting ~~a~~the kind of the external device connected to the outputting unit.

3. (Currently amended) The apparatus according to claim 1, wherein the kind of the external device connected to the outputting unit is ~~detected to determine whether the external device~~either is an audio/video device or an audio device.

4. (Currently amended) The apparatus according to claim 3-4, wherein when it is determined that the external device connected to the outputting unit is ~~an~~the audio device, the switching unit ~~selects~~is controlled to select the audio signal that is synchronized with ~~a~~the video signal ~~outputted~~output to the display device of the video processing equipment.

5. (Currently amended) The apparatus according to claim 1, wherein the kind of the external device connected to the outputting unit is determined according to whether ~~or not~~ the external device is connected to a video output port ~~and/or~~or an audio output port.

6. (Currently amended) An audio and video synchronizing apparatus comprising:

a video signal processing unit processing a video signal ~~outputted~~output to a display device of ~~a~~-video processing equipment;

an audio signal processing unit outputting an audio signal, the audio signal ~~outputted~~output to an audio device of the video processing equipment and synchronized with the video signal; and

an output selecting unit selecting ~~an~~the audio signal that is synchronized with the video signal and outputting the audio signal to an external device that is not part of the video processing equipment.

wherein the video signal is output to the display device of the video processing equipment and the audio signal that is synchronized with the video signal is output to the external device simultaneously.

7. (Currently amended) An audio and video synchronizing apparatus comprising:

a video signal processing unit processing a video signal ~~outputted~~output to a display device of ~~a~~-video processing equipment;

an audio signal processing unit outputting ~~an~~the audio signal that is synchronized with the video signal; and

an audio output selecting unit selecting an audio signal that is synchronized with the video signal; and outputting the audio signal to an external device that is not part of the video processing equipment.

wherein the video signal is output to the display device of the video processing equipment and the audio signal that is synchronized with the video signal is output to the external device simultaneously.

8. (Currently amended) An audio and video synchronizing apparatus comprising:

a video signal processing unit processing a video signal ~~outputted~~output to a display device of a video processing equipment;

an audio signal processor outputting an audio signal, the audio signal ~~outputted~~output to an audio device of the video processing equipment and synchronized with the video signal;

an outputting unit outputting at least the audio ~~and/or~~ video signal to an external device that is not part of the video processing equipment; and

an output selecting unit selectively outputting at least the audio ~~and/or~~ video signal to the external device according to a kind of the external device connected to the outputting unit.

wherein the video signal is output to the display device of the video processing equipment and the audio signal that is synchronized with the video signal is output to the external device simultaneously.

9. (Currently amended) An audio and video synchronizing apparatus comprising:

a video signal processing unit processing a video signal ~~outputted~~output to a display device of a video processing equipment;

an audio signal processing unit outputting an audio signal, the audio signal ~~outputted~~output to an audio device of the video processing equipment and

# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.