

# EXHIBIT 1018



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/401,798	04/10/2006	Jong Wook Lee	2080-3507	6246

35884 7590 11/15/2010  
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EXAMINER  
DESIR, JEAN WICEL

ART UNIT 2422  
PAPER NUMBER

NOTIFICATION DATE 11/15/2010  
DELIVERY MODE ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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<b>Office Action Summary</b>	<b>Application No.</b> 11/401,798	<b>Applicant(s)</b> LEE, JONG WOOK	
	<b>Examiner</b> Jean W. Désir	<b>Art Unit</b> 2422	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1)  Responsive to communication(s) filed on 10/11/10 (RCE with Amendment).  
 2a)  This action is **FINAL**.                      2b)  This action is non-final.  
 3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4)  Claim(s) 1-18 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5)  Claim(s) \_\_\_\_\_ is/are allowed.  
 6)  Claim(s) 1-18 is/are rejected.  
 7)  Claim(s) \_\_\_\_\_ is/are objected to.  
 8)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9)  The specification is objected to by the Examiner.  
 10)  The drawing(s) filed on \_\_\_\_\_ is/are: a)  accepted or b)  objected to by the Examiner.  
       Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
       Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a)  All    b)  Some \* c)  None of:  
       1.  Certified copies of the priority documents have been received.  
       2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
       3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
 \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 6, 7, 16-18 are rejected under 35 U.S.C. 102(e) as being anticipated by Tanaka (US 7,054,544).

#### **Claim 6:**

Tanaka discloses:

“a video signal processing unit (see Fig. 3 items 13, 14) processing a video signal output to a display device (see Fig. 3 item 15) of video processing equipment (see Fig. 3 item 2)”;

“an audio signal processing unit (see Fig. 3 item 4) outputting an audio signal, the audio signal output to an audio device (see Fig. 3 items 11, 12) of the video processing equipment (see Fig. 3 item 2) and synchronized with the video signal (see col. 8 lines 26-30);

“and an output selecting unit (see Fig. 3 items 4, 11) selecting the audio signal that is synchronized with the video signal and outputting the audio signal to an external device (see Fig. 3 item 10) 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 (see Fig. 3 items 2, 10, col. 1 lines 10-21, the ABSTRACT lines 1-6)”.

**Claim 7:**

Tanaka discloses:

“a video signal processing unit (see Fig. 3 items 13, 14) processing a video signal output to a display device (see Fig. 3 item 15) of video processing equipment (see Fig. 3 item 2)”;

“an audio signal processing unit (see Fig. 3 item 4) outputting the audio signal that is synchronized with the video signal (see col. 8 lines 26-30);

“and an output selecting unit (see Fig. 3 items 4, 11) selecting an audio signal that is synchronized with the video signal and outputting the audio signal to an external device (see Fig. 3 item 10) 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 (see Fig. 3 items 2, 10, col. 1 lines 10-21, the ABSTRACT lines 1-6)”.

**Claim 16** is rejected for the same reasons as claim 6, Tanaka also teaches “selecting an output mode of video processing equipment” as claimed (see Tanaka at col. 10 lines 16-21).

Claim 17 is disclosed, see Tanaka at Fig. 3 items 11, 12, 10, col. 8 lines 26-30.

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