

# EXHIBIT 33

**Notice of Allowability**

Application No.	Applicant(s)	
10/179,814	FADELL ET AL.	
Examiner	Art Unit	
Trisha Vu	2112	

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

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

- 1.  This communication is responsive to Amendment filed 09-26-05.
- 2.  The allowed claim(s) is/are 1-4, 7-10, 13-16 and 19-25.
- 3.  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 the:
    - 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)).


\* Certified copies not received: \_\_\_\_\_.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

- 4.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  - 5.  CORRECTED DRAWINGS ( as "replacement sheets" ) must be submitted.
    - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948 ) attached
      - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
    - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
- 6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- 1.  Notice of References Cited (PTO-892)
- 2.  Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3.  Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
- 4.  Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 5.  Notice of Informal Patent Application (PTO-152)
- 6.  Interview Summary (PTO-413), Paper No./Mail Date 12-19-05.
- 7.  Examiner's Amendment/Comment
- 8.  Examiner's Statement of Reasons for Allowance
- 9.  Other \_\_\_\_\_.

  
**TIM VO**  
**PRIMARY EXAMINER**

  
Trisha Vu  
Examiner  
Art Unit: 2112

**EXAMINER'S AMENDMENT and REASONS FOR ALLOWANCE**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Michael Ferrazano (Reg. No. 44,105) on 12-09-2005.

The application has been amended as follows:

In the claims:

In claim 1, line 7: insert -- a high speed serial cable detection circuit for detecting if a high speed serial cable is connected to the port receptor and wherein, when the high speed serial cable detected, the high speed serial cable detection circuit generates and forwards a high speed data transfer request to the CPU; -- following "connector;".

In claim 7, line 7: insert -- detecting by a high speed serial cable detection circuit if a high speed serial cable is connected to the port receptor and wherein, when the high speed serial cable detected, the high speed serial cable detection

circuit generates and forwards a high speed data transfer request to the CPU; -- following “connector; ”.

In claim 13, line 8: insert-- means for detecting if a high speed serial cable is connected to the port receptor and wherein, when the high speed serial cable detected, the means for detecting generates and forwards a high speed data transfer request to the CPU; -- following “connector; ”.

In claim 19, lines 8-9: delete “a high speed cable detection circuit for detecting if a high speed cable is connected to the port receptor and wherein, when the high speed cable detected, the high speed cable” -- and insert in its place -- a high speed serial cable detection circuit for detecting if a high speed serial cable is connected to the port receptor and wherein, when the high speed serial cable detected, the high speed serial cable --.

In claim 22, line 1: insert -- connected to a main system bus -- following “(CPU)”.

In claim 22, line 2: insert -- connected to a DMA bus -- following “a local memory”.

In claim 22, line 4: delete “detecting a high speed cable connected at the port receptor” and insert in its place -- detecting a high speed serial cable connected at the port receptor connected to the DMA bus --.

In claim 22, line 5: delete “the high speed cable” and insert in its place -- the high speed serial cable --.

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In claim 22, line 7: insert -- via the DMA bus -- following "the port receptor".

2. Claims 1-4, 7-10, 13-16, 19-25 are allowed.

The following is an examiner's statement of reasons for allowance:

The claims include the limitation of detecting if a high speed serial cable is connected to the port receptor and wherein, when the high speed serial cable detected, generating a high speed data transfer request to the CPU and providing direct connection between the local memory and the port receptor via the DMA bus during which the CPU is unable to access the local memory, which is not shown by the prior art of record, in the combination as disclosed and claimed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### *Conclusion*

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure, as the art teaches DMA transfer with an external network:

US Patent 5,737,634 Hamano et al.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Trisha Vu whose telephone number is 571-272-3643. The examiner can normally be reached on Mon-Thur and alternate Fri 8:00am - 5:30pm.

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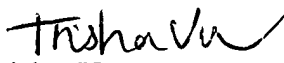
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rehana Perveen can be reached on 571-272-3676. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

uv



**TIM VO  
PRIMARY EXAMINER**



Trisha Vu  
Examiner  
Art Unit 2112

<b>Interview Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/179,814	FADELL ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Trisha Vu	2112	

All participants (applicant, applicant's representative, PTO personnel):

(1) Trisha Vu. (3)\_\_\_\_\_.

(2) Michael Ferrazano (Reg. No. 44,105). (4)\_\_\_\_\_.

Date of Interview: 09 December 2005.

Type: a)  Telephonic b)  Video Conference  
c)  Personal [copy given to: 1)  applicant 2)  applicant's representative]

Exhibit shown or demonstration conducted: d)  Yes e)  No.  
If Yes, brief description: \_\_\_\_\_.

Claim(s) discussed: 1, 7, 13, 19 and 22.

Identification of prior art discussed: Hamano et al. (US Patent 5,737,634).

Agreement with respect to the claims f)  was reached. g)  was not reached. h)  N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: The teaching of reference Hamano et al. was discussed. Applicant agreed to amend the claims as set forth in the Examiner's amendment to distinguish over the teaching of the reference.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

*Trisha Vu*

Examiner's signature, if required