

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Craig Schulz</td> <td>02/28/2006</td> </tr> <tr> <td>Tom Mader</td> <td>02/28/2006</td> </tr> <tr> <td>Song Quan Shang</td> <td>02/28/2006</td> </tr> </tbody> </table>		Name	Execution Date	Craig Schulz	02/28/2006	Tom Mader	02/28/2006	Song Quan Shang	02/28/2006
Name	Execution Date								
Craig Schulz	02/28/2006								
Tom Mader	02/28/2006								
Song Quan Shang	02/28/2006								
RECEIVING PARTY DATA									
Name:	Intel Corporation								
Street Address:	2200 Mission College Blvd.								
City:	Santa Clara								
State/Country:	CALIFORNIA								
Postal Code:	95052								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11323745</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11323745				
Property Type	Number								
Application Number:	11323745								
CORRESPONDENCE DATA									
Fax Number:	(408)720-8383								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	4087208300								
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Address Line 4:	Sunnyvale, CALIFORNIA 94085								
ATTORNEY DOCKET NUMBER:	42P23061								
NAME OF SUBMITTER:	Edwin H. Taylor, Reg. No. 25,129								

Total Attachments: 3
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**PATENT
 REEL: 019561 FRAME: 0900**

CH \$40.00 11323745

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Craig Schulz; Tom Mader; Song Quan Shang

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Intel Corporation

Internal Address: _____

Street Address: 2200 Mission College Boulevard

City: Santa Clara

State: California

Country: USA Zip: 95052

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 2/28/2006

- Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

11/323,745

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Blakely, Sokoloff, Taylor & Zafman LLP

Internal Address: _____

Street Address: 1279 Oakmead Parkway

City: Sunnyvale

State: California Zip: 94085

Phone Number: 408-720-8300

Fax Number: 408-720-8383

Email Address: _____

6. Total number of applications and patents involved: 1

- 7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____**
- Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

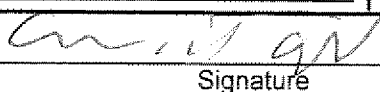
8. Payment Information

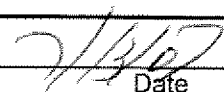
a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 02-2666

Authorized User Name Edwin H. Taylor

9. Signature:


Signature


Date

Edwin H. Taylor, Reg No. 25,129

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Docket No.

**PATENT
REEL: 019561 FRAME: 0902**

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

Craig Schulz; Tom Mader; Song Quan Shang

hereby sell, assign, and transfer to:

Intel Corporation

a Corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California 95052 United States ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent filed on December 30, 2005, and assigned Application No. 11/323,745 and is entitled:

OPTICAL RECEIVER WITH DUO-BINARY ENCODER

and in and to said application and all provisional, design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority from the filing of said United States applications;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional, design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, power of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

2/28/2006 Craig Schulz
Date Name: **Craig Schulz**

2/28/2006 Tom Mader
Date Name: **Tom Mader**

2/28/2006 Song Quan Shang
Date Name: **Song Quan Shang**

Date Name:

Date Name:

Date Name:

Date Name:

Date Name:

Date Name:

Date Name:

Date Name:

Date Name:

Assignment Document Return Address:
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Los Angeles, CA 90025
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