

07-18-2005

To the Director, U.S. Patent and Trademark Office

Documents or copy thereof.



103041584

Receiving party(ies):

112959 U.S. PTO
11/177853

070805

1. Name of conveying party(ies): (List using letters or numbers for multiple parties)

1. Sally Yeung
2. William Michael Lye

Additional name(s) of conveying party(ies) attached?

() Yes (X) No

Name: PMC-Sierra, Inc.

Internal Address:

Street Address: Mission Tower One
3975 Freedom Circle

City: Santa Clara State: California

ZIP: 95054

Additional name(s) of receiving party(ies) attached?

() Yes (X) No

3. Nature of conveyance:

- (X) Assignment () Security Agreement
() Merger () Change of Name
() Other:

Execution Date: (List as in section 1 if multiple signatures)

1. July 7, 2005
2. July 7, 2005

4. US or PCT Application number(s) or US Patent number(s):

- (X) Application(s) filed herewith
Execution Date(s): July 7, 2005

Additional numbers attached?

() Yes (X) No

5. Party to whom correspondence concerning document should be mailed:

Customer No. 20,995

Address: Knobbe, Martens, Olson & Bear, LLP
2040 Main Street, 14th Floor
Irvine, CA 92614

Return Fax: (949) 760-9502

Attorney's Docket No.: DATUMTE.026A

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h)): \$40

(X) Enclosed

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Michael S. Okamoto
Name of Person Signing
SignatureJuly 8, 2005
Date47,831
Registration No.

Total number of pages including cover sheet, attachments and document: 2

Documents transmitted via Mail to be recorded with required cover sheet information to:

07/15/2005 ECOOPER 00000062 11177853

Mail Stop Assignment Recordation Services

01 FC:8021

40.00 OP Director, U.S. Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

RECORDPA
1803934 / 070705PATENT
REEL: 016766 FRAME: 0554

ASSIGNMENT

WHEREAS, We, Sally Yeung, a Canadian citizen, residing at 1001, 3970 Carrigan Crt, Burnaby, British Columbia V3N 4S5 CANADA, William Michael Lye, a citizen of Canada, residing at 3101 Starlight Way, Coquitlam, British Columbia, V3C 3P9 CANADA,, have invented certain new and useful improvements in a SYSTEMS AND METHODS FOR TRANSLATION OF SIGNAL LEVELS ACROSS VOLTAGE DOMAINS for which we have executed an application for Letters Patent in the United States, on even date herewith;

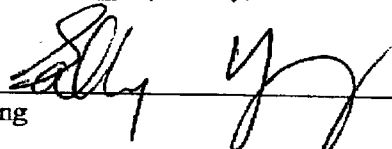
AND WHEREAS, PMC-Sierra, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at Mission Tower One, 3975 Freedom Circle, Santa Clara, California 95054, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

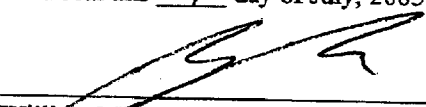
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 7 day of July, 2005.


Sally Yeung

Witnessed by: V. Cappellatti

Date: July 7 2005

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 7 day of July, 2005.


William Michael Lye

Witnessed by: 
1803576 / 070705

Date: July 7, 2005