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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

HEET

Attorney Docket No.: 048030-5002

To the Commissioner for Patents:  
Please record the attached original documents or copy thereof.

ATTN: BOX ASSIGNMENT

1. Name of conveying party(ies):

Kal SHASTRI

6-11-01

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

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: PMC Sierra, Inc.

Internal Address:

JUN 11

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Street Address: 105-8555 Baxter Place, Burnaby,  
British Columbia, Canada, V5A 4V7

City:

State:

Zip:

Additional name(s) & address(es) attached?

☐ Yes ☒ No

Execution Date: May 22, 2001

4. Application number(s) or patent number(s): 09/775,811

If this document is being filed together with a new application the execution date of the application is:

A. Patent Application No.(s):

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

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

Name: Mary Jane Boswell

Internal Address: Morgan, Lewis & Bockius LLP

Street Address: 1800 M Street, N.W.

City: Washington State: D.C. Zip: 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R §3.41): \$40.00

☒ Enclosed

☐ Authorized to be charged to deposit account 50-0310

8. Deposit account number: 50-0310

Attach duplicate of page if paying by deposit 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.

Thomas E. Nelson

Name of Person Signing

Reg. No. 42,030

Thomas E. Nelson  
Signature

June 8, 2001

Date

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

## ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

### MULTI-CHANNEL CLOCK RECOVERY CIRCUIT

for which WE executed an application for United States Letters Patent concurrently herewith; or on \_\_\_\_\_; or filed an application for United States Letters Patent on February 5, 2001, (Application No. 09/775,811; and

WHEREAS, PMC Sierra, Inc., a corporation of the State of Delaware, whose post office address is 105-8555 Baxter Place, Burnaby, British Columbia, Canada, V5A 4V7, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, WE, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, re-examinations and reissues thereof; and WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that WE have the full right to convey the interest assigned by this Assignment, and WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, re-examination and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor Kal SHASTRI	Assignor's Signature <i>Kalpender Shastri</i>	Date 5/22/2001
Address 5529 Willow Way, Orefield, PA 18069		Citizenship INDIA
Full Name of Second Assignor	Assignor's Signature	Date
		Citizenship
Names of additional inventors attached [ ] Yes [X] No		