

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

| <b>SUBMISSION TYPE:</b>  | NEW ASSIGNMENT                   |               |                |                     |            |                 |            |
|--|----------------------------------|---------------|----------------|---------------------|------------|-----------------|------------|
| <b>NATURE OF CONVEYANCE:</b>   | ASSIGNMENT                       |               |                |                     |            |                 |            |
| <b>CONVEYING PARTY DATA</b>  |                                  |               |                |                     |            |                 |            |
| <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>Ira G. Miller</td> <td>06/17/2008</td> </tr> <tr> <td>Eduardo Velarde</td> <td>06/20/2008</td> </tr> </tbody> </table> |                                  | Name          | Execution Date | Ira G. Miller       | 06/17/2008 | Eduardo Velarde | 06/20/2008 |
| Name   | Execution Date                   |               |                |                     |            |                 |            |
| Ira G. Miller  | 06/17/2008                       |               |                |                     |            |                 |            |
| Eduardo Velarde  | 06/20/2008                       |               |                |                     |            |                 |            |
| <b>RECEIVING PARTY DATA</b>  |                                  |               |                |                     |            |                 |            |
| <b>Name:</b>   | Micrel Inc.                      |               |                |                     |            |                 |            |
| <b>Street Address:</b>   | 2180 Fortune Drive               |               |                |                     |            |                 |            |
| <b>City:</b>   | San Jose                         |               |                |                     |            |                 |            |
| <b>State/Country:</b>  | CALIFORNIA                       |               |                |                     |            |                 |            |
| <b>Postal Code:</b>  | 95131                            |               |                |                     |            |                 |            |
| <b>PROPERTY NUMBERS Total: 1</b>   |                                  |               |                |                     |            |                 |            |
| <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>12169485</td> </tr> </tbody> </table>  |                                  | Property Type | Number         | Application Number: | 12169485   |                 |            |
| Property Type  | Number                           |               |                |                     |            |                 |            |
| Application Number:  | 12169485                         |               |                |                     |            |                 |            |
| <b>CORRESPONDENCE DATA</b>   |                                  |               |                |                     |            |                 |            |
| <b>Fax Number:</b>   | (408)382-0481                    |               |                |                     |            |                 |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>   |                                  |               |                |                     |            |                 |            |
| <b>Phone:</b>  | 4083820480                       |               |                |                     |            |                 |            |
| <b>Email:</b>  | edith@patentlawgroup.com         |               |                |                     |            |                 |            |
| <b>Correspondent Name:</b>   | Carmen C Cook                    |               |                |                     |            |                 |            |
| <b>Address Line 1:</b>   | 2635 North First Street, Ste 223 |               |                |                     |            |                 |            |
| <b>Address Line 4:</b>   | San Jose, CALIFORNIA 95134       |               |                |                     |            |                 |            |
| <b>ATTORNEY DOCKET NUMBER:</b>   | MIC-M224                         |               |                |                     |            |                 |            |
| <b>NAME OF SUBMITTER:</b>  | Carmen C. Cook                   |               |                |                     |            |                 |            |
| <b>Total Attachments: 2</b><br>source=MIC-M224-Signed-Assignment#page1.tif<br>source=MIC-M224-Signed-Assignment#page2.tif  |                                  |               |                |                     |            |                 |            |

OP \$40.00 12169485

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we,

Ira G. Miller of Tempe, Arizona  
Eduardo Velarde of Chandler, Arizona

hereby sell, assign and transfer to **Micrel, Inc.**, a California corporation, having a place of business at 2180 Fortune Drive, San Jose, CA 95131, its successors and assigns, the entire right, title and interest throughout the world in my invention in

**Current Sensing In a Buck-Boost Switching Regulator Using Integrally Embedded PMOS Devices**

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

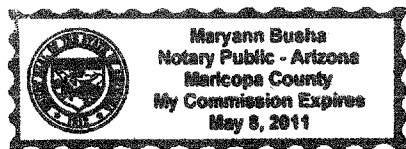
Executed this 17 day of JUNE, 2008.

Ira G. Miller  
Ira G. Miller

State of ARIZONA )  
County of MARICOPA ) ss.

On JUNE 17, 2008 before me, MARYANN BUSH  
personally appeared IRA MILLER who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.



WITNESS my hand and official seal.

Maryann Busha  
SIGNATURE OF NOTARY

Executed this 20th day of June, 2008.

Eduardo Velarde  
Eduardo Velarde

State of AZ)  
County of Maricopa) ss.

On June 20th 2008 before me, Laith Francis  
personally appeared Eduardo Velarde who proved to me  
on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the  
within instrument and acknowledged to me that he/she/they executed the same in his/her/their  
authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or  
the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that  
the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Laith Francis  
SIGNATURE OF NOTARY

