

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Vinit Jayaraj</td> <td>05/22/2013</td> </tr> <tr> <td>Jayant Rao</td> <td>05/22/2013</td> </tr> </tbody> </table>		Name	Execution Date	Vinit Jayaraj	05/22/2013	Jayant Rao	05/22/2013
Name	Execution Date						
Vinit Jayaraj	05/22/2013						
Jayant Rao	05/22/2013						
RECEIVING PARTY DATA							
Name:	Micrel, Inc.						
Street Address:	2180 Fortune Drive						
City:	San Jose						
State/Country:	CALIFORNIA						
Postal Code:	95131						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13901407</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13901407		
Property Type	Number						
Application Number:	13901407						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Carmen C. Cook						
Signature:	/Carmen C Cook/						
Date:	05/23/2013						
Total Attachments: 1 source=MICRP043 Executed Assignment#page1.tif							

CH \$40.00 13901407

ASSIGNMENT OF PATENT APPLICATION

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

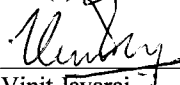
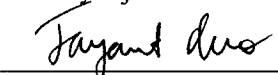
OPTIMAL RIPPLE INJECTION FOR A BOOST REGULATOR

(Attorney Docket No. MICRP043) for which I (we) have executed an application for a United States Letters Patent (the "Application"):

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we the undersigned inventor(s) hereby:

- 1) Sell, assign, and transfer to Micrel, Inc., a California corporation having a place of business at 2180 Fortune Drive, San Jose, CA 95131, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) (including foreign applications) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application and/or in any provisional application to which the above referenced application claims priority.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- 1) Signature:  Date: MAY 22, 2013
Typed Name: Vinit Jayaraj
- 2) Signature:  Date: MAY 22, 2013
Typed Name: Jayant Rao