

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<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>Carel J. Lombaard</td> <td>09/26/2006</td> </tr> <tr> <td>Brendan O'Regan</td> <td>09/26/2006</td> </tr> </tbody> </table>		Name	Execution Date	Carel J. Lombaard	09/26/2006	Brendan O'Regan	09/26/2006
Name	Execution Date						
Carel J. Lombaard	09/26/2006						
Brendan O'Regan	09/26/2006						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	Cypress Semiconductor Corporation						
<b>Street Address:</b>	198 Champion Court						
<b>City:</b>	San Jose						
<b>State/Country:</b>	CALIFORNIA						
<b>Postal Code:</b>	95134-1709						
<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>11536108</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11536108		
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Application Number:	11536108						
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<b>ATTORNEY DOCKET NUMBER:</b>	5087-189						
<b>NAME OF SUBMITTER:</b>	Derek Meeker						
<b>Total Attachments: 3</b> source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif							

OP \$40.00 11536108

**ASSIGNMENT**

**Assignor:** Carel J. Lombaard  
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**Assignor:** Brendan O'Regan  
**Address:** Mossgrove Bandon  
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**Assignee:** Cypress Semiconductor Corporation  
**Address:** 198 Champion Court  
San Jose, California 95134-1709

**Title of Invention:** AN AUTO-RANGING PHASE-LOCKED LOOP


U.S. Patent Application:

Application Serial No.: 11/536,108  
Filing Date: September 28, 2006

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues, non-provisionals and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, non-provisional and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at Pretoria, South Africa, this 26 day of September, 2006.

  
\_\_\_\_\_  
Carel J. Lombaard  
Assignor

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*Boel*

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Executed at Cork, Ireland, this 26 day of September, 2006.

Brendan O'Regan

Brendan O'Regan  
Assignor

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