

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<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>Nace Rossi</td> <td>07/08/2005</td> </tr> <tr> <td>Ranbir Singh</td> <td>07/08/2005</td> </tr> <tr> <td>Arun K. Nanda</td> <td>07/12/2005</td> </tr> </tbody> </table>		Name	Execution Date	Nace Rossi	07/08/2005	Ranbir Singh	07/08/2005	Arun K. Nanda	07/12/2005
Name	Execution Date								
Nace Rossi	07/08/2005								
Ranbir Singh	07/08/2005								
Arun K. Nanda	07/12/2005								
RECEIVING PARTY DATA									
Name:	Agere Systems Inc.								
Street Address:	1110 American Parkway N.E.								
City:	Allentown								
State/Country:	PENNSYLVANIA								
Postal Code:	18109								
PROPERTY NUMBERS Total: 1									
<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>11153893</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11153893				
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Application Number:	11153893								
CORRESPONDENCE DATA									
Fax Number:	(407)926-7720								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	407-926-7710								
Email:	ppagel@iplawfl.com								
Correspondent Name:	John L. DeAngelis, Jr.								
Address Line 1:	390 N. Orange Ave., Suite 2500								
Address Line 2:	Beusse Brownlee Wolter Mora & Maire, P.A								
Address Line 4:	Orlando, FLORIDA 32801								
NAME OF SUBMITTER:	John L. DeAngelis, Jr.								
Total Attachments: 3 source=Agere 417 Assignment#page1.tif source=Agere 417 Assignment#page2.tif source=Agere 417 Assignment#page3.tif									

OP \$40.00 11153893

PATENT

500049928

REEL: 016534 FRAME: 0748

ASSIGNMENT AND AGREEMENT

For value received, we, Nace Rossi, 11 Orchard Turn, #16-06, Singapore 238800; Ranbir Singh, 28 Beechwood Grove, Singapore; and Arun K. Nanda, 11 Orchard Turn, Orchard Park Suite 907, Singapore 238800; hereby sell, assign and transfer to Agere Systems Inc., a corporation of the State of Delaware, having an office at 1110 American Parkway N.E., Allentown, Pennsylvania, 18109, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **SHALLOW TRENCH ISOLATION STRUCTURES COMPRISING A GRADED DOPED SACRIFICIAL SILICON DIOXIDE MATERIAL AND A METHOD FOR FORMING SHALLOW TRENCH ISOLATION STRUCTURES** described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Agere Systems Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Agere Systems Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Agere Systems Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Agere Systems Inc. in the United States and in all countries foreign to the United States, or to such nominees as Agere Systems Inc. may designate.

We agree that, when requested, we shall, without charge to Agere Systems Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Date: July 8, 2005

N. Rossi
Nace Rossi

Date: July 8, 2005

Ranbir Singh
Ranbir Singh

Date: _____

Arun K. Nanda

Agere Systems Inc.
1110 American Parkway N.E.
Allentown, PA 18109

We agree that, when requested, we shall, without charge to Agere Systems Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

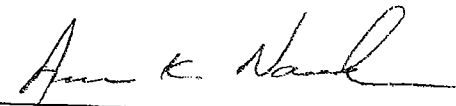
Date: _____

Nace Rossi

Date: _____

Ranbir Singh

Date: 7/2/05



Arun K. Nanda

Agere Systems Inc.
1110 American Parkway N.E.
Allentown, PA 18109