

03-22-2002



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1. Name of conveying party(ies):
**Prachi Kale, Stephen H. Miller, Abraham Prasad,
and Narender R. Vangati**

3-8-02

Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies)

Name: **Agere Systems Inc.**

Internal Address:

Street Address: **555 Union Boulevard**

City: **Allentown** State: **PA** ZIP: **18109**

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: **2/4/02, 2/5/02, 2/21/02, and 2/4/02**

4. Application number(s) or patent number(s):

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

A. Patent Application No.(s)

10/032,029

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: **Joseph B. Ryan**
Internal Address: **Ryan, Mason & Lewis, LLP**
Street Address: **90 Forest Avenue**
City: **Locust Valley** State: **NY** ZIP: **11560**

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41)..... \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number **50-0762**

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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.

Joseph B. Ryan
Reg. No. 37,922

Signature

March 8, 2002
Date

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Kale 1-1-1

ASSIGNMENT AND AGREEMENT

For value received, we, Prachi Kale, of Austin in the County of Travis and State of Texas, Stephen H. Miller, of Round Rock in the County of Travis and State of Texas, Abraham Prasad, of Austin in the County of Travis and State of Texas, and Narender R. Vangati, of Round Rock in the County of Williamson and State of Texas, hereby sell, assign and transfer to Agere Systems Inc., a corporation of the State of Delaware, having an office at 555 Union Boulevard, Allentown, PA 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 **SINGLE DESCRIPTOR SCATTER GATHER DATA TRANSFER TO OR FROM A HOST PROCESSOR** described in application Serial No. 10/032,029 for Letters Patent of the United States, filed December 21, 2001, 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.

Prachi

Prachi Kale

Date: 02/04/02

United States of America)

State of Texas) ss.:

County of)

On this 4th day of February, 2002, before me personally came Prachi Kale, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

[Signature]
[Signature]

THERESA D. SOUBANS Public
Notary Public, State of Texas
My Commission Expires
March 21, 2005

Stephen H. Miller
Stephen H. Miller

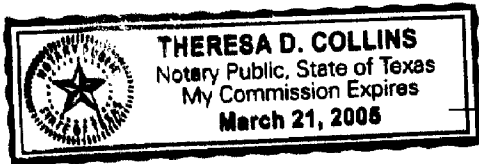
Date: 2-5-02

United States of America)

State of Texas) ss.:

County of)

On this 5 day of FEBRUARY, 2002, before me personally came Stephen H. Miller, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



[Signature]
Notary Public

Abraham Prasad
Abraham Prasad

Date: 02/21/2002

United States of America)

State of Texas) ss.:

County of)

On this 21st day of February, 2002, before me personally came Abraham Prasad, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

[Signature]
Notary Public



Narender R. Vangati

Narender R. Vangati

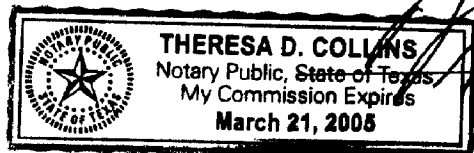
Date: 02/04/2002

United States of America)

State of Texas) ss.:

County of)

On this 4th day of February, 20 02, before me personally came Narender R. Vangati, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



[Handwritten Signature]

Notary Public

Ryan, Mason & Lewis, LLP
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Locust Valley, New York 11560
(516) 759-2722