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11-02-2001

HEET

Attorney's Docket No. 033043-008

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 103051
Pamela Kumar, Mohit Sharma, Damodar Reddy
Thummalalpally and Tavare Dhanaraj B.
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: Alliance Semiconductor
Address: 2575 Augustine Drive,
Santa Clara, California 95054-2914

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
Other: _____

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

Execution Date: September 19, 2001, September 28,
2001, September 30, 2001 and October 16, 2001.

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)
09/908,483

B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Robert E. Krebs
Address: BURNS, DOANE, SWECKER & MATHIS, L.L.P.
P.O. Box 1404
Alexandria, Virginia 22313-1404

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, if necessary
8. Deposit account number:
02-4800

DO NOT USE THIS SPACE

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.

Eric K. Proul, Registration No. 45,025
Name of Person Signing

[Signature]
Signature

October 29, 2001
Date

Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

11/01/2001 BBYRNE 00000094 09908483
01 FC:581 40.00 DP

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by PAMELA KUMAR, MOHIT SHARMA, DAMODAR REDDY THUMMALAPALLY, and TAVARE DHANARAJ B., residing at #23 UAS LAYOUT, SANJAYNAGAR, BANGALORE, 560094 INDIA; S-8 LEONARD COURT, 1211 LEONARD LANE, RICHMOND TOWN, BANGALORE, 560025 INDIA; 161 MEADOWLAND DRIVE, MILPITAS, CALIFORNIA 95035 and 1391 VASANTI SADAN, FOUJADAR GALLI, SANGLI, MAHARASHTA 416416 INDIA (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in A METHOD FOR THE PRIORITIZATION OF DATABASE ENTRIES set forth in an application for Letters Patent of the United States,

- (1) which is a provisional application
 - (a) to be filed herewith; or
 - (b) bearing Application No. __, and filed on __; or
- (2) which is a non-provisional application
 - (a) having an oath or declaration executed on even date herewith prior to filing of application;
 - (b) bearing Application No. 09/908,483, and filed on JULY 17, 2001; or
 - (c) to be filed; and

WHEREAS, ALLIANCE SEMICONDUCTOR, a corporation duly organized under and pursuant to the laws of DELAWARE and having its principal place of business at 2575 AUGUSTINE DRIVE, SANTA CLARA, CALIFORNIA 95054-2914 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the


Application No. 09/908,483
Attorney's Docket No. 033043-008

Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth:

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of BURNS, DOANE, SWECKER & MATHIS, L.L.P. of Alexandria, Virginia to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date 30th Sept 2001 Signature of Assignor 
Pamela Kumar

Date 28th Sept 2001 Signature of Assignor 
Mohit Sharma

Date _____ Signature of Assignor _____
Damodar Reddy Thummalapally

Date _____ Signature of Assignor _____
Tavare Dhanaraj B.

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____

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AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

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Date _____ Signature of Assignor _____
Pamela Kumar

Date _____ Signature of Assignor _____
Mohit Sharma

Date 19-SEPT-2007 Signature of Assignor *Reddy*
Damodar Reddy Thummalapally

Date _____ Signature of Assignor _____
Tavare Dhanaraj B.

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____

Application No. 09/908,483
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AND the Assignors hereby authorize and request the attorneys of BURNS, DOANE, SWECKER & MATHIS, L.L.P. of Alexandria, Virginia to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date _____ Signature of Assignor _____
Pamela Kumar

Date _____ Signature of Assignor _____
Mohit Sharma

Date 19-SEPT-2001 Signature of Assignor *Reddy*
Damodar Reddy Thummalapally

Date 16 Oct 2001 Signature of Assignor *Dure*
Tavare Dhanaraj B.

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____