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U.S. DEPARTMENT OF COMMERCE  
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10/13/02  
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102075255

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

1. Name of conveying party(ies):

Hemmige D. VARADARAJAN

4-26-02

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

2. Name and address of receiving party(ies)

Name: INTEL CORPORATION

Internal Address: SC4-202

Street Address: 2200 Mission College Boulevard

City: Santa Clara State: CA Zip: 95052

Other

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other \_\_\_\_\_

Execution Date: 25 April 2002

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

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)

Serial No. Unassigned filed 26 April 2002  
as Attorney Docket No. 219.40773X00

10,132,323

B. Patent Registration No.(s)

Additional number(s) attached  Yes  No

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

Name: Antonelli, Terry, Stout & Kraus, LLP

Internal Address: Suite 1800

Street Address: 1300 North Seventeenth Street

City: Arlington State: VA Zip: 22209

6. Total number of applications and patents involved 01

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

01-2135

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and the attached copy is a true copy of the original document.

Paul J. Skwierawski, Reg. No. 32,173

26 April 2002

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 03

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patent & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 012838 FRAME: 0540

**ASSIGNMENT**  
(For Execution With Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, Hemmige D. VARADARAJAN, the undersigned, residing at Sunnyvale, CA, hereby sell, assign, and transfer to INTEL CORPORATION, a corporation of Delaware having a principal place of business at 2200 Mission College Boulevard, SC4-202 Santa Clara, CA 95052, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent executed concurrently herewith and entitled TERNARY WEIGHTED ARRANGEMENTS, and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.