OIPE	Docket No.: 219.39586X00	
	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Commissioner of Patents and Trademarks	aments or copy thereof.	
1. Name of conveying party(ies): (a) Sabyasachi DAS and (b) Sunil P. KHATRI	2. Name and address of receiving partyles:Name: See Attached	
Additional name(s) of conveying party(ies) attached? \Box Yes X No		
3. Nature of conveyance: Assignment Merger	Street Address:	
Security Agreement Change of Name	City: State: Country: Zip:	
Execution Date: (a) March 29, 2001 & (b) April 3, 2001	Additional name(s) & address(es) attached? X Yes No	
4. Application number(s) or patent number(s): 09/820,864		
If this document is being filed together with a new application	, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
Additional numbers atta	ched? Yes X No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP	7. Total fee (37 CFR 3.41)\$40.00	
Internal Address:	 Enclosed Any deficiencies may be charged to deposit account Authorized to be charged to deposit account 	
Street Address: 1300 North Seventeenth Street Suite 1800	8. Deposit account number: 01-2135	
City: Arlington, State: Virginia Zip: 22209	(Attach duplicate copy of this page if paying by deposit account)	
07/09/2001 SSANDAKA 00000149 09820864 DO NOT USE THIS SPACE 02 FC:581 40.00 0F		
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.		
David C. Oren MMU (// V V Name of Person Signing Signature	July 6, 2001 Date	
Attorney Registration No. 38,694	Total number of pages including cover sheet, attachments, and document: 6	
OMB No. 0651-0011 (exp. 4/94)		

PATENT REEL: 011957 FRAME: 0155 219.39586X00

ASSIGNMENT RECORDATION ATTACHMENT

INTEL CORPORATION 2200 Mission College Blvd., SC4-202 Santa Clara, CA 95052, U.S.A.

University of Colorado Office of Technoloy Transfer and Industry Outreach 11 UCB, University of Colorado Boulder, CO 80309, U.S.A.

> PATENT REEL: 011957 FRAME: 0156

Attorney's Docket No.: P10950/219.39586X00

<u>ASSIGNMENT</u>

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, <u>Sunil P. KHATRI</u>, the undersigned, hereby sell, assign, and transfer to the <u>University of Colorado</u>, having a principal place of business at <u>Office of Technology Transfer and Industry Outreach</u>, <u>11 UCB</u>, <u>University of Colorado</u>, <u>Boulder CO 80309-0011</u>, ("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 that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled <u>DATAPATH DESIGN METHODOLOGY AND ROUTING APPARATUS</u>, and in and to said application and all divisional applications, continuation applications, continued prosecution 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 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 original patents, reissued 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.

- 1 -

Rev. 01/01/2000 (A1)

Rach Laventor: Piesse S	ign and Date Below:	Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:
04/03/, 2001 Date	Name: Sunil P. KHATRI	04/03,2001 Date
, 20, 20	Name:	. 20 Date
, 20 Date	Name:	, 20
, 20 Date	Namé:	, 20
, 20 Date	Name:	, 20 Date
, 20, 20	Name:	, 20

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RY, STOUT & KRAUS, L ANTONEL L, TE 1300 N. Soventeenth St., Smith 1800 Arlington VA 22209 (703) 312-6600; fax (703) 312-6666

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On this _____day of ______? before me, ______, the undersigned Notary Public, personally appeared _______ personally known to me [___] proved to me on the basis of satisfictory evidence to be the person(s) whose name(s) _______ subsoribust to the within instrument, and satzowledged that executed it.

WITNESS my hand and official real.

Notary's Signature

-2-

Rev. 01/01/2000 (A1)

Attorney's Docket No.: P10950/219.39586X00

ASSIGNMENT

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, <u>Sabyasachi DAS</u>, the undersigned, hereby sell, assign, and transfer to <u>INTEL CORPORATION</u> a corporation of <u>Delaware</u>, having a principal place of business at <u>2200 Mission College Boulevard</u>, <u>SC4-202 Santa Clara, CA 95052</u>, ("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 that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled <u>DATAPATH DESIGN</u> <u>METHODOLOGY AND ROUTING APPARATUS</u>, and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute 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 original patents, reissued patents, reexamination states and all other patent splications. The been or shall be issued in the United States and all foreign countries on 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.

- 1 -

Rev. 01/01/2000 (A1)

n <u>and Date</u> Below:	Each Inventor: Please atso list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:
Sabyasachi Das. Name: Sabyasachi DAS	29 th March, 2001 Date
Name:	, 20 Date
 Assignment Document Return . SS. ANTONELLI, TERRY, STOU 1300 N. Seventcenth St., Suite Arlington, VA 22209 (703) 312-6600; fax (703) 312- 	IT & KRAUS, LLP 1800
Indersigned Notary Public. [] personally ne on the basis of satisfactory mose name(s) ment, and acknowledged that	
	Name: Name: Name: Name: Name: Name: Name: Name: SS: Antionelli, terry, stou 1300 N. Seventeenth St., Suite Arlington, VA 22209

Notary's Signature

RECORDED: 07/06/2001

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Rev. 01/01/2000 (A1)

PATENT م مح REEL: 011957 FRAME: 0160