

05-25-2000

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027



U.S. Department of Commerce
Patent and Trademark Office
PATENT

101331681

4-14-2000

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042390.P6107

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Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

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Departmental File Secret File

Conveying Party(ies)

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Execution Date
Month Day Year

Name (line 1)

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Execution Date
Month Day Year

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REEL: 010658 FRAME: 0111

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Pages Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

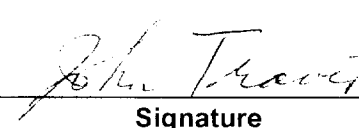
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)
Enter PCT application number PCT PCT
only if a U.S. Application Number has not been assigned. PCT PCT PCT

Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$
Method of Payment: Enclosed Deposit Account
Deposit Account
(Enter for payment by deposit account or if additional fees can be charged to the account.)
Deposit Account Number: #
Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.
John F. Travis, Reg. No. 43,203 
Name of Person Signing Signature Date

03-03-2000



101262074

**RECORDATION FORM COVER SHEET
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042390.P6107

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Address (line 3)
City State/Country Zip Code

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Name

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Address (line 2)

Address (line 3)

Address (line 4)

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PATENT
REEL: 010658 FRAME: 0113

Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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Enter the total number of properties involved.

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Fee Amount for Properties Listed (37 CFR 3.41): \$

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Enclosed

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(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

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Yes

No

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. Charges to deposit account are authorized, as indicated herein.

John F. Travis, Reg. No. 43,203

Name of Person Signing

John Travis
Signature

10/4/99
Date

ASSIGNMENT

(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we _____

the undersigned, William M. Siu and Bidyut K. Bhattacharyya

hereby sell, assign, and transfer to Intel Corporation

a corporation of Delaware, having a principal place of business at

2200 Mission College Blvd., Santa Clara, California 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 that was filed June 29, 19 99 and assigned Application No. 09/342,550 and is entitled:

Integrated Circuit Die and/or Package Having a Variable Pitch Contact Array for Maximization of Number of Signal Liners per Routing Layer

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.

Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:

Each Inventor: Please Sign and Date Below:

_____ , 19____	_____
Date	Name: William M. Sut <i>Sut</i>
<i>Sept 17</i> , 19 <i>99</i>	<i>William M. Sut</i>
Date	Name: Bidyut K. Bhattacharyya
_____ , 19____	_____
Date	Name:
_____ , 19____	_____
Date	Name:
_____ , 19____	_____
Date	Name:
_____ , 19____	_____
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Date

State of: _____ }
 County of: _____ }

Assignment Document Return Address:
 SS. BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
 12400 Wilshire Blvd., Seventh Floor
 Los Angeles, CA 90025-1026
 (408) 720-8598

On this ____ day of _____, 19____, before me, _____,
 the undersigned Notary Public, personally appeared _____
 [] personally known to me [] proved to me on the basis of satisfactory evidence to be the person(s) whose
 name(s) _____ subscribed to the within instrument, and acknowledged that _____ executed it.
 WITNESS my hand and official seal.

 Notary's Signature

ASSIGNMENT

(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we _____,

the undersigned, William M. Siu and Bidyut K. Bhattacharyya

hereby sell, assign, and transfer to Intel Corporation

a corporation of Delaware, having a principal place of business at

2200 Mission College Blvd., Santa Clara, California 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 that was filed June 29, 19 99 and assigned Application No. 09/342,550 and is entitled:

Integrated Circuit Die and/or Package Having a Variable Pitch Contact Array for Maximization of Number of Signal Liners per Routing Layer

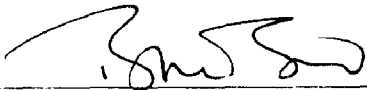
and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have 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.

Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:

Each Inventor: Please Sign and Date Below:

Sept 6, 19 99	
Date	Name: William M. Sui
_____, 19____	_____, 19____
Date	Name: Bidyut K. Bhattacharyya
_____, 19____	_____, 19____
Date	Name:
_____, 19____	_____, 19____
Date	Name:
_____, 19____	_____, 19____
Date	Name:
_____, 19____	_____, 19____
Date	Name:

_____, 19____
Date
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Date
_____, 19____
Date
_____, 19____
Date
_____, 19____
Date
_____, 19____
Date

State of: _____)
 County of: _____)

Assignment Document Return Address:
 SS. BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
 12400 Wilshire Blvd., Seventh Floor
 Los Angeles, CA 90025-1026
 (408) 720-8598

On this _____ day of _____, 19____, before me, _____, the undersigned Notary Public, personally appeared _____ [] personally known to me [] proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) _____ subscribed to the within instrument, and acknowledged that _____ executed it.
 WITNESS my hand and official seal.

 Notary's Signature