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

1. Name of conveying party(ies): Rajen Dias; Biju Chandran
Additional name(s) of conveying party(ies) attached? [X] No [ ] Yes

2. Name and address of receiving party(ies): Name: Intel Corporation
Internal Address:

3. Nature of Conveyance: [X] Assignment [ ] Change of Name
[ ] Security Agreement
[ ] Other
[ ] Merger

Street Address: 2200 Mission College Boulevard
City: Santa Clara State: CA ZIP: 95052-8119

Execution Date: 11/30/01

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

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: 11/30/01
A. Patent Application No.(s)
B. Patent No.(s)

Additional numbers attached?

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Blakely, Sokoloff, Taylor & Zafman LLP
Internal Address:
Street Address: 12400 Wilshire Boulevard 7th Floor
City: Los Angeles State: CA ZIP: 90025

6. Total number of applications and patents involved: 1
7. Total Fee (37 CFR 3.41).....\$ 40.00
[X] Enclosed
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8. Deposit Account Number: 02-2666
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9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Paul A. Mendonsa, Reg. No. 42,879
Name of Person Signing

[Signature]
Signature

November 30, 2001
Date

Total number of pages including cover sheet, attachments, and document: 3

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

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01 FC:581 40.00 DP
Attorney Docket No. 42390P12897

10/000229

11/30/01

Attorney's Docket No.: 42390P12897

## **ASSIGNMENT**

(For Execution Prior To Filing Patent Application)

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

**Rajen Dias; Biju Chandran**

hereby sell, assign, and transfer to:

**Intel Corporation**

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California 95052-8119, ("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 inventions and 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:

### **BACKSIDE METALLIZATION ON SIDES OF MICROELECTRONIC DICE FOR EFFECTIVE THERMAL CONTACT WITH HEAT DISSIPATION DEVICES**

and in and to said application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and 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 inventions and 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, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and 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 inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and 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 & POWER OF ATTORNEY

Each Inventor: Please Sign and Date Below:

11/30/2001 Date	Rajen Dias Name: <b>Rajen Dias</b>	11/30/2001 Date
11/30/2001 Date	Biju Chandran Name: <b>Biju Chandran</b>	11/30/2001 Date
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_____ Date	_____ Name:	_____ Date
_____ Date	_____ Name:	_____ Date

Assignment Document Return Address:  
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