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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): Travis Eiles, Jeremy A. Rowlette 5-27-03 Additional name(s) of conveying party(ies) attached? [] Yes [x] No

2. Name and address of receiving party(ies) Name: Intel Corporation Internal Address: Street Address: 2200 Mission College Boulevard City: Santa Clara State: CA Zip: 95052 Additional name(s) & address(es) attached? [] Yes [x] No

3. Nature of conveyance: [x] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: 2/06/03

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) 10/313,933 B. Patent No.(s) Additional numbers attached? [] Yes [x] No

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41).....\$ 40.00 [x] Enclosed [] Authorized to be charged to depositor's account 8. Deposit account number: 500393

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Schwabe, Williamson & Wyatt, P.C. Internal Address: Paul J. Fordenbacher Street Address: Pacwest Center Suites 1600-1900, 1211 SW Fifth Ave. City: Portland State: OR Zip: 97204

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9. Signature. Paul J. Fordenbacher, Reg. No. 42,546 Name of Person Signing [Signature] Signature May 20, 2003 Date

Total number of pages including cover sheet, attachments, and documents: 4

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

PATENT REEL: 014096 FRAME: 0416

Attorney's Docket

ASSIGNMENT**PATENT**No.: P15099-109263-130458

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Travis Eiles and Jeremy Rowlette

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 has been executed by the undersigned prior
 hereto or concurrently herewith on the dates indicated below and is entitled DEVICE SPEED
 ALTERATION BY ELECTRON-HOLE PAIR INJECTION AND DEVICE HEATING

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 Sign and Date Below:

2/6, 2003
Date

Name: Travis M. Eiles

2/6/, 2003
Date

Jeremy A. Rowlette
Name: Jeremy A. Rowlette

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

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Date

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Date

Each Inventor: Please Sign and Date Below:

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 Date Name: Travis M. Eiles

_____, 20____
 Date Name: Jeremy A. Rowlette

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

FEB 6, 2003
 Date

_____, 20____
 Date

part of this document) as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send correspondence to Paul J. Fordanbacher, SCHWABE, WILLIAMSON & WYATT 1211 SW 5th Ave., Suites 1800-1900, Portland, Oregon 97204 and direct telephone calls to the named attorney, (503) 796-2767.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Inventor's Signature Travis M. Eiles Date FEB 6, 2003

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