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Docket No: 3427P

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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

| Name of conveying party(ies): | 2. Name and address of receiving party(ies): | | | | |
|--|---|--|--|--|--|
| The state of the s | Z & = | | | | |
| (1) Alexandre DE POORTER | Name: Atmel Corporation | | | | |
| (2) Fabrice PICOT | 1243 1243 | | | | |
| | Street Address: 2325 Orchard Parkway | | | | |
| | City: San Jose State: CA Zip: 95131 | | | | |
| Additional name(s) of conveying party(ies) attached? ☐ Yes ■ No. | Additional name(s) and address(es) attached? ☐ Yes ■ No. | | | | |
| 3. Nature of conveyance: Assignment Execution dates: (1) August 4, 2005 (2) August 4, 2005 | | | | | |
| 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: August 4, 2005, August 4, 2005 | | | | | |
| A. Patent Application No.(s) B. Patent No.(s) | | | | | |
| | | | | | |
| Additional numbers attached? □Yes ■No | | | | | |
| 5. Name and address of party to whom | 6. Total number of applications and patents involved: One | | | | |
| correspondence concerning document should | | | | | |
| be mailed: | | | | | |
| SI C II D | 7. Total fee (37 CFR 3.41) | | | | |
| Name: Sawyer Law Group LLP | ■ Enclosed | | | | |
| Address: P.O. Box 51418 | Authorized to be charged to deposit account | | | | |
| Palo Alto, CA 94303 8. Deposit account number: | | | | | |
| | (Attach duplicate copy of this page if paying by deposit account) | | | | |
| 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. | | | | | |
| Joseph A. Sawyer, Jr. August 17, 2005 | | | | | |
| Name of Person Signing Signature Date | | | | | |
| | | | | | |

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Total number of pages including cover sheet, attachments, and documents: 2

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the undersigned, Alexandre DE POORTER and Fabrice PICOT, do hereby sell, assign, and transfer to: Atmel Corporation, a corporation existing under the laws of the state of Delaware, having a principal place of business at 2325 Orchard Parkway, San Jose, CA 95131 ("Assignee"), 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 which are disclosed in the application for the United States Letters Patent,

| | which has been executed | l by the undersigned | concurrently l | herewith, |
|--------------|-------------------------|----------------------|----------------|-----------|
| | which was filed on | and assigned | Serial No: | |
| and is entit | led: | | | |

METHOD AND APPARATUS FOR DETERMINING STUCK-AT FAULT LOCATIONS IN CELL CHAINS USING SCAN CHAINS

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which 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 and reissued patents which 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; and

Agree that said Assignee may apply for and receive Letters Patent 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, continuing, substitute, renewal, reissue, 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 do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding 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.

And the Assignors hereby authorize and request the attorneys of Sawyer Law Group LLP to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

Signed:

Name:

Alexandre DE POORTER

RECORDED: 08/17/2005

Name:

Date: August 04 2005

Date: August, 4th 2005

PATENT REEL: 016908 FRAME: 0507