

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SOLOMON B. TRAININ	05/22/2006
ADRIAN STEPHENS	05/22/2006

RECEIVING PARTY DATA

Name:	INTEL CORPORATION
Street Address:	2200 MISSION COLLEGE BLVD.
Internal Address:	MAILSTOP SC4-202
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95052-8119

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12703847

CORRESPONDENCE DATA

Fax Number: (212)202-6436
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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 Correspondent Name: Shiloh et al. c/o CPA Global
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 Address Line 4: Minneapolis, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	P22714C
NAME OF SUBMITTER:	Yael Rapoport

Total Attachments: 4
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**PATENT
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Docket No.: P-8299-US**ASSIGNMENT**

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the Receipt of which is hereby acknowledged, I the undersigned, TRAININ, Solomon B. residing at 12/10 Tabenkin Street, Haifa 32240, Israel; STEPHENS, Adrian residing at 64 Lamb's Lane, Cottenham, Cambridge, CB4 8TA, United Kingdom;

Hereby sell, assign and transfer to INTEL CORPORATION, a Delaware Corporation, located at 2200 Mission College Blvd., Mailstop SC4-202, Santa Clara, CA 95052-8119 its successors, assigns and legal representatives (hereinafter, the "Assignee"), the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed in the application for United States Patent having the serial number and filing date below, and being entitled;

**APPARATUS AND METHOD OF CONTROLLING TRANSMISSION IN REVERSE
DIRECTION**

which was filed on March 31, 2006 as

United States Application Number 11/394,215;

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions; and I

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the

Docket No.: P-8299-US

provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; 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 under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, 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.

FULL NAME OF INVENTOR: TRAININ, Solomon B.	FULL NAME OF WITNESS: IZOSLAV TCHIGEVSKY
SIGNATURE OF INVENTOR: <i>S. Trainin</i>	SIGNATURE OF WITNESS: <i>U. Tchigevsky</i>
DATE: <u>22/05/2006</u> (day / month / year)	ADDRESS OF WITNESS: MOISHE SMARET STR 11A KYRYAT MAIM ISRAEL

FULL NAME OF INVENTOR: STEPHENS, Adrian	FULL NAME OF WITNESS:
SIGNATURE OF INVENTOR:	SIGNATURE OF WITNESS:
DATE: _____ (day / month / year)	ADDRESS OF WITNESS:

ASSIGNMENT

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Hereby sell, assign and transfer to INTEL CORPORATION, a Delaware Corporation, located at 2200 Mission College Blvd., Mailstop SC4-202, Santa Clara, CA 95052-8119 its successors, assigns and legal representatives (hereinafter, the "Assignee"), the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed in the application for United States Patent having the serial number and filing date below, and being entitled;

**APPARATUS AND METHOD OF CONTROLLING TRANSMISSION IN REVERSE
DIRECTION**

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and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions; and I

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the

provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; 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 under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, 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.

FULL NAME OF INVENTOR: TRAININ, Solomon B.	FULL NAME OF WITNESS:
SIGNATURE OF INVENTOR:	SIGNATURE OF WITNESS:
DATE: _____ (day / month / year)	ADDRESS OF WITNESS:

FULL NAME OF INVENTOR: STEPHENS, Adrian	FULL NAME OF WITNESS: ANGELA KAYE BARRETO
SIGNATURE OF INVENTOR: <i>A.P. Stephens</i>	SIGNATURE OF WITNESS: <i>A. Barreto</i>
DATE: <u>22 May 2006</u> (day / month / year)	ADDRESS OF WITNESS: 68 MORTON CHOSE ELY CTMB5 CB7 4FE