PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Jaroslaw J. Sydir	03/03/2004	
Kamal J. Koshy	03/03/2004	
Wajdi Feghali	02/25/2004	
Bradley A. Burres	02/25/2004	
Gilbert M. Wolrich	02/25/2004	

RECEIVING PARTY DATA

Name:	Intel Corporation
Street Address:	2200 Mission College Blvd.
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13270532

CORRESPONDENCE DATA

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via US Mail.

Correspondent Name: Daly, Crowley, Mofford & Durkee, LLP

Address Line 1: 354A Turnpike Street, Suite 301A

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ATTORNEY DOCKET NUMBER:	INTEL-019BUS
NAME OF SUBMITTER:	Anthony T. Moosey

REEL: 027185 FRAME: 0710

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Total Attachments: 4

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> PATENT REEL: 027185 FRAME: 0711

ASSIGNMENT

WHEREAS, We, <u>Jaroslaw J. Sydir</u>, residing at <u>1022 Belder Drive</u>, <u>San Jose</u>, <u>CA 95120</u>, and <u>Kamal J Koshy</u>, residing at <u>755 E. Capitol Ave</u>, <u>#B-303</u>, <u>Milpitas</u>, <u>CA 95035</u>, and <u>Wajdi Feghali</u>, residing at <u>199 Massachusetts Avenue</u>, <u>Apt. 206</u>, <u>Boston</u>, <u>MA 02115</u>, and <u>Bradley A Burres</u>, residing at <u>264 Harvard St.</u>, <u>#6</u>, <u>Cambridge</u>, <u>MA 02139</u>, and <u>Gilbert M. Wolrich</u>, residing at <u>4 Cider Mill Road</u>, <u>Framingham</u>, <u>MA 01710</u>, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on <u>December 19</u>, <u>2003</u>, which application was assigned U.S. patent application serial number <u>10/741676</u>, and is entitled <u>METHOD AND APPARATUS FOR PERFORMING AN AUTHENTICATION AFTER CIPHER OPERATION IN A NETWORK PROCESSOR;</u>

AND WHEREAS, <u>Intel Corporation</u>, a corporation organized and existing under and by virtue of the laws of the State of <u>Delaware</u>, and having an office and place of business at <u>2200 Mission College Blvd.</u>, <u>Santa Clara, CA 95052</u> (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

PATENT REEL: 027185 FRAME: 0712 Docket No: Intel-019PUS Serial Number: 10/741676 Filing Date: December 19, 2003

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AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 3-d day of Warely, Jaros aw J. Sydir	2004 -
IN TESTIMONY WHEREOF, I have hereunto set my hand this 3 day of March, Kenny Kamal J. Koshy	2004
IN TESTIMONY WHEREOF, I have hereunto set my hand this day of,	2004
	2004
Bradley A. Burres IN TESTIMONY WHEREOF, I have hereunto set my hand this day of, 2	2004
Gilbert M. Wolrich	

ASSIGNMENT

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WHEREAS, We, <u>Jaroslaw J. Sydir</u>, residing at <u>1022 Belder Drive</u>, <u>San Jose</u>, <u>CA 95120</u>, and <u>Kamal J Koshy</u>, residing at <u>755 E. Capitol Ave</u>, <u>#B-303</u>, <u>Milpitas</u>, <u>CA 95035</u>, and <u>Wajdi Feghali</u>, residing at <u>199 Massachusetts Avenue</u>, <u>Apt. 206</u>, <u>Boston</u>, <u>MA 02115</u>, and <u>Bradley A Burres</u>, residing at <u>264 Harvard St.</u>, <u>#6</u>, <u>Cambridge</u>, <u>MA 02139</u>, and <u>Gilbert M. Wolrich</u>, residing at <u>4 Cider Mill Road</u>, <u>Framingham</u>, <u>MA 01710</u>, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on <u>December 19</u>, <u>2003</u>, which application was assigned U.S. patent application serial number <u>10/741676</u>, and is entitled <u>METHOD AND APPARATUS FOR PERFORMING AN AUTHENTICATION AFTER CIPHER OPERATION IN A NETWORK PROCESSOR;</u>

AND WHEREAS, <u>Intel Corporation</u>, a corporation organized and existing under and by virtue of the laws of the State of <u>Delaware</u>, and having an office and place of business at <u>2200 Mission College Blvd.</u>, <u>Santa Clara, CA 95052</u> (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

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AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

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	Jaroslaw J. Sydir		
IN TESTIMONY WHEREOF, I have h	ereunto set my hand this	day of	, 2004.
	Kamal J. Koshy		5. /
IN TESTIMONY WHEREOF, I have h	Wajdi Feghali	day of Flrus	2004.
IN TESTIMONY WHEREOF, I have he	ereunto set my hand this 25	day of Feb	, 2004.
IN TESTIMONY WHEREOF, I have he	ereunto set my hand this 2	Sday of Top scient	G2004

PATENT REEL: 027185 FRAME: 0715

RECORDED: 11/07/2011