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9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and	(Attach duplicate copy of this page if paying by deposit account) SE THIS SPACE
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7th Floor	8. Deposit Account Number:
Internal Address:	Authorized to be charged to deposit account
Name: Blakely, Sokoloff, Taylor & Zafman LLP	7. Total Fee (37 CFR 3.41)\$ 40.00
5. Name and address of party to whom correspondence concerning document should be mailed:	ached? ⊠ No □ Yes 6. Total number of applications and patents involved: 1
11/026,314	No □ Voc
A. Patent Application No.(s)	B. Patent No.(s)
 Application number(s) or patent number(s): If this document is being filed together with a new application 	n, the execution date of the application is:
Execution Date: 1/25/05; 3/4/2005; 3/7/2005	Additional name(s)& address(es) attached? ☑ No ☐ Yes
☐ Security Agreement ☐ Change of Name ☐ Other	City: Santa Clara State: CA Zip: 95052
3. Nature of Conveyance: ☑ Assignment ☐ Merger	
Additional name(s) of conveying party(ies) attached? ☑ No ☐ Yes	Internal Address: Street Address: 2200 Mission College Boulevard
Rajesh Madukkarumukumana; James A. Sutton, III; Ioannis Schoinas; Richard Uhlig	Name: Intel Corporation
Name of conveying party(ies):	se record the attached original documents or copy thereof. F. Name and address of receiving party(ies):
(Rev. 10/02) OMD No. 0651-0011 (exp. 6/30/2005) To the Honorable Commissioner of Patents and Trademarks. Plea	2005 APR 1.1 AM 10: 52

04/20/2005

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P.O. Box 1450 Alexandria, VA 22313-1450

Docket No. 42P20926

Attorney ^b	s Docket
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filing of said United States application;

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PATENT

No.: 42P20926 (For Execution Prior To Filing Patent Application)

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In considera	tion of good and valuable co	nsideration, the receipt of which	ch is hereby
acknowledged, We	e, the undersigned, <u>Rajesh</u>	Madukkarumukumana, James	s A. Sutton II,
Ioannis Schoinas, a	and Richard Uhlig		
hereby sell, assign,	and transfer to Intel Corpo	oration	
a corporation of	<u>Delaware</u>	, having a principal place of	business at
2200 Mission Collegand its successors, United States and a the application for the	ge Boulevard, Santa Clara, G assigns, and legal represent Ill foreign countries, in and to ne United States patent that	California 95052 tatives, the entire right, title, are any and all improvements that has been executed by the undicated below and is entitled	_, ("Assignee"), nd interest for the at are disclosed in lersigned prior
Direct Memory Acc	ess (DMA) Address Translat	ion Between Peer Input/Outpu	ıt (I/O) Devices
continued prosecutions renewal applications applications that have any of said improved certificates, and extended	on applications, continuation s, reissue applications, reexave been or shall be filed in the ments; and in and to all origionsions, that have been or s	applications, continuation appling in-part applications, substitute iminations, extensions, and all e United States and all foreignal patents, reissued patents, hall be issued in the United Stand to all rights of priority resu	e applications, I other patent I countries on reexamination ates and all

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.

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Each Inventor: Please Sign <u>and Date</u> Below:			
Date	, 20	Name: Rajesh Madukkarumukumana	
Date	, 20	Name: James A. Sutton	
Date	, 20	Name: Ioannis Schoinas	
J _{n~ 25} Date	, 20 <u>05</u>	Name: Richard Uhlig	
Date	, 20	Name:	
Date	, 20	Name:	

also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:		
Date	, 20	
Date	_, 20	
Date	_, 20	
Date	1, 20 <u>05</u>	
Date	_, 20	
Date	_, 20	

Attorne	y's Docket	
NI.	42020026	

ASSIGNMENT

PATENT

No.: 42P20926 (For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby
acknowledged, We, the undersigned, Rajesh Madukkarumukumana, James A. Sutton II,
Ioannis Schoinas, and Richard Uhlig
hereby sell, assign, and transfer to <u>Intel Corporation</u>
a corporation of <u>Delaware</u> , having a principal place of business at
2200 Mission College Boulevard, 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
Direct Memory Access (DMA) Address Translation Between Peer Input/Output (I/O) Devices
and in and to said application and all divisional applications, continuation applications

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;

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Each Inventor: Plea	se Sign <u>and Date</u> Below:
03 / 04 /, 20 <u>05</u> pate /	Name: Rajesh Madukkarumukumana
, 20 Date	Name: James A. Sutton
, 20 Date	Name: Ioannis Schoinas
, 20 Date	Name: Richard Uhlig
, 20 Date	Name:
, 20	Name:

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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

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- 1 -

Each Inventor	: Please Sign <u>and Date</u> Below:	Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:
Date	, 20 Name: Rajesh Madukkarumukumana	, 20
Jan 25 Date	Name: James & Sutton	Date 25, 20 05
Date	, 20Name: Ioannis Schoinas	, 20
Date	, 20 Name: Richard Uhlig	, 20
Date	, 20 Name:	, 20
Date	, 20 Name:	, 20 Date

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ASSIGNMENT

PATENT

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Date	_, 20	Name: Rajesh Madukkarumukumana	
Date	_, 20	Name: James A. Sutton	
Much 1 ^M Date	_, 20 <u>0\$</u>	Name: Ioannis Schoinas	
Date	_, 20	Name: Richard Uhlig	
Date	_, 20	Name:	
Date	_, 20	Name:	

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