

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Graham T. Reed</td> <td>04/05/2010</td> </tr> <tr> <td>Renzo Liacono</td> <td>04/05/2010</td> </tr> </tbody> </table>		Name	Execution Date	Graham T. Reed	04/05/2010	Renzo Liacono	04/05/2010				
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Graham T. Reed	04/05/2010										
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Intel Corporation</td> </tr> <tr> <td>Street Address:</td> <td>2200 Mission College Boulevard</td> </tr> <tr> <td>City:</td> <td>Santa Clara</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95054</td> </tr> </table>		Name:	Intel Corporation	Street Address:	2200 Mission College Boulevard	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95054
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<table border="1"> <tr> <td>Name:</td> <td>University of Surrey at Guildford</td> </tr> <tr> <td>Street Address:</td> <td>GU2 7XH</td> </tr> <tr> <td>City:</td> <td>Surrey</td> </tr> <tr> <td>State/Country:</td> <td>UKRAINE</td> </tr> </table>		Name:	University of Surrey at Guildford	Street Address:	GU2 7XH	City:	Surrey	State/Country:	UKRAINE		
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12777080</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12777080						
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CORRESPONDENCE DATA											
Fax Number:	3037406962										
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CH \$40.00 12777080

NAME OF SUBMITTER:

Gordon R. Lindeen III

Total Attachments: 2

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ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged that the undersigned,

Graham T. Reed; Renzo Liacono

hereby sell, assign, and transfer to: Intel Corporation, a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California 95052, United States,

and The University of Surrey at Guildford, Surrey, GU2 7XH, UK, established by Royal Charter in the United Kingdom on 9th September 1966.

("Assignees"), and their 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 inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled:

ERASABLE ION IMPLANTED OPTICAL COUPLERS

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignees to insert below the application number and filing date of said patent application when know.]

United States Patent Application Number 12/777,080 filed May 10, 2010.

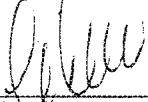
and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute application, renewal applications, reissue applications, reexaminations, extensions and all other patent applications that have 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 said improvements; execute all rightful oaths, assignments, power 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 representative 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.

Inventors: Please sign and date below:



 Name: Graham T. Reed

4/5/2010
 Date



 Name: Renzo Loiacono

4/5/2010
 Date