

11/18/04

11-22-2004

Form PTO-1595 (Rev. 03/01) RE  
OMB No. 0651-0027 (exp. 5/31/2002)



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3. Nature of Conveyance:  
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Execution Date: March 31, 2004

4. Application number(s) or patent number(s):  
  
If this document is being filed together with a new application, the execution date of the new application is: \_\_\_\_\_  
A. Patent Application No.(s):  
10/745,010  
Filed: December 23, 2003  
Document ID No.: 102730654  
Additional numbers attached?  Yes  No

B. Patent No.(s):  
  
Additional numbers attached?  Yes  No

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5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Michael R. Hull  
MARSHALL, GERSTEIN & BORUN LLP  
Internal Address: Atty. Dkt.: 30320/16644  
Street Address:  
233 S. Wacker Drive, Suite 6300  
Sears Tower  
  
City: Chicago State: IL Zip: 60606-6357

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41) \$ 40.00  
 Previously Submitted  
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*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.*  
  
Chirag B. Patel - 50,555  
Name of Person Signing \_\_\_\_\_ Signature \_\_\_\_\_ Date November 15, 2004  
  
Total number of pages including cover sheet, attachments, and documents: 3



4/22/04

04-27-2004  
102730654  
PATENTS ONLY

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OMB No. 0651-0027 (exp. 5/31/2002)

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<p>1. Name of conveying party(ies): Mark E. McDonald</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: <u>INTEL CORPORATION</u></p> <p>Internal Address: _____</p> <p>Street Address:  2200 Mission College Blvd.</p> <p>City: <u>Santa Clara</u></p> <p>State: <u>CA</u> Zip: <u>95052</u></p> <p>Additional name(s) &amp; address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>March 31, 2004</u></p>	

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the new application is: \_\_\_\_\_

<p>A. Patent Application No.(s): <u>10/745,010</u> Filed: <u>December 23, 2003</u></p>	<p>B. Patent No.(s): _____</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Michael R. Hull</u> <u>MARSHALL, GERSTEIN &amp; BORUN LLP</u></p> <p>Internal Address: <u>Atty. Dkt.: 30320/16644</u></p> <p>Street Address: <u>233 S. Wacker Drive, Suite 6300</u> <u>Sears Tower</u></p> <p>City: <u>Chicago</u> State: <u>IL</u> Zip: <u>60606-6357</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p><input type="checkbox"/> Authorized to be charged to credit card (Form 2038 enclosed)</p> <p>8. Deposit account number: <u>13-2855</u> (Attach duplicate copy of this page if paying by deposit account)</p>
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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.*

Chirag B. Patel - 50,555 April 19, 2004  
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 3

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**ASSIGNMENT**

Serial No: 10/745,010  
Filed: December 23, 2003  
Title: THERMAL GRADIENT PRISM FOR ACTIVE BEAM STEERING

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to Intel Corporation, a Delaware corporation, 2200 Mission College Blvd., Santa Clara, California 95052, (hereinafter "assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, executed by the undersigned on ~~3/29/04~~ <sup>MM</sup> 3/31/04, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby

agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

3/31/04  
Date

Mark E McDonald  
Mark E. McDonald