

05-06-2008

RECEIVED  
CENTRAL FAX CENTER  
MAY - 1 2008



IT

Patent and Trademark Office

Atty Ref/Docket No.: P23460

103500747

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

80-1-5

1. Name of conveying party(ies):

2. Name and address of receiving party(ies):

Matthew B. Tangvald, Morgan J. Dempsey and Scott T. Peiffer

Name: Intel Corporation

Street Address: 2200 Mission College Blvd.

City: Santa Clara State: CA Zip: 95052

Additional name(s) of conveying party(ies) attached?

[ ] Yes [X] No

Additional name(s) & address(es) attached? [ ] Yes [X] No

3. Nature of conveyance:

- Assignment [ ] Merger
- Security Agreement [ ] Change of Name
- Other

Execution Date: August 31, 2006, September 1, 2006, August 31, 2006

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

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

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 11/516,909, filed September 6, 2006

Additional numbers attached? [ ] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Total number of applications and patents involved: 1

Name: Christopher K. Gagne

7. Total fee (37 CFR 3.41): \$ 40.00

Address: The Law Offices of Christopher K. Gagne  
Customer Number: 76973  
c/o Intellevate  
P.O. Box 52050  
Minneapolis, MN 55402

[ ] Enclosed  
 Authorized to be charged to deposit account  
50-4238

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 50-4238

DO NOT USE THIS SPACE

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.

Christopher K. Gagne/Reg. No. 36142

*Christopher K. Gagne* 4-30-08

Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 7

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
Mail Stop Assignment Recordation Services  
P.O.Box 1450  
Alexandria, VA 22313-1450

05/05/2008 DBYRNE 00000037 504238 11516909  
01 FC:0021 40.00 DA

Attorney Docket No.: P23460

**ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s)

**Matthew B. Tangvald; Morgan Dempsey; Scott T. Peiffer**

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 USA ("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 inventions and improvements that are disclosed in the application for the United States patent entitled

**FAULT TOLERANT SOFT ERROR DETECTION FOR STORAGE SUBSYSTEMS**

I hereby authorize and request my attorney, associated with Customer Number 45209, to insert on the designated lines below, the filing date and application number of said application when known:

which was filed on September 6, 2006 as

United States Application Number 11/516,909 and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below:

and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States applications.

agree that said Assignee may apply for and receive a patent or patents for said inventions and 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 design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements, execute all rightful oaths, assignments, powers of attorney, and other papers, communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof, and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives, and

LGAPAL form:

Page 1 of 2

*Attorney Docket No.: P23460*

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.

Matthew B. Tangvald  
Matthew B. Tangvald

8/31/2006  
(Today's Date)

\_\_\_\_\_  
Morgan Dempsey

(Today's Date)

\_\_\_\_\_  
Scott T. Pelffer

(Today's Date)

*Attorney Docket No.: P23460***ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

**Matthew B. Tangvald; Morgan Dempsey; Scott T. Peiffer**

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 USA ("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 inventions and improvements that are disclosed in the application for the United States patent entitled:

**FAULT TOLERANT SOFT ERROR DETECTION FOR STORAGE SUBSYSTEMS**

(I hereby authorize and request my attorney, associated with Customer Number 45209, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on September 6, 2006 as  
United States Application Number 11/516,909 and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States applications;

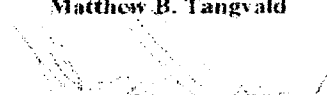


agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

LGA-PAI Form

Page 1 of 2

*Attorney Docket No.: P23460*

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.

_____	_____
<b>Matthew B. Tangvald</b>	<b>(Today's Date)</b>
	
_____	_____
<b>Morgan Dempsey</b>	<b>(Today's Date)</b>
	
_____	_____
<b>Scott T. Peiffer</b>	<b>(Today's Date)</b>

*Attorney Docket No.: P23460*

## ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventors:

**Matthew B. Tangvald; Morgan Dempsey; Scott T. Peiffer**

hereby do assign and transfer to:

**Intel Corporation**

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California 95051, USA ("Assignee"), and its successors, assigns, and legal representatives, the entire, whole, full, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent entitled:

### FAULT TOLERANT SOFT ERROR DETECTION FOR STORAGE SUBSYSTEMS

(I hereby authorize and request my attorney, associated with Customer Number 45209, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on September 6, 2006 as

United States Application Number 11/516,909 and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below:

and in and to said application and all design, utility, divisional, continuing, continuation in part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and 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 patent or patents for said inventions and improvements in its own name and that, when requested, without charge 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 design, utility, divisional, continuing, continuation in part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements, execute all affidavits, assignments, powers of attorney, and other papers, commencing up to said Assignee, its successors, assigns, and legal representatives of facts known to the undersigned relating to said inventions and improvements, and the history thereof, and generally assist said Assignee, its successors, assigns, and legal representatives in securing and maintaining the proper patent protection for said inventions and improvements, and for assisting in the prosecution and maintenance of all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives, and

CGV:PM/mae

1/1/08

Attorney Docket No.: P23460

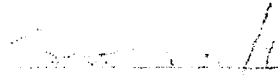
covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full credit will be given the same as herein expressed in any deed used by the undersigned.

Matthew B. Langvald

(Today's Date)

Morgan Dempsey

(Today's Date)



Scott L. Peiffer

(Today's Date)

CVL 31-109

Page 9 of 9