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Atty Ref/Docket No.:	1376.754US1		Patent and
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Ally Keli Docket No.: 1370.551001			
To the Director of the U.S. Patent and Trademark Office: Plea	se record the attached original documents or copy thereof. 2. Name and address of receiving party(ies):		
1. Name of conveying party(ies):	Name: Cray Inc.		
Dennis C. Abts, Michael Higgins and Van L. Snyder	Street Address: 411 First Avenue S, Suite 600		
Additional name(s) of conveying party(ies) attached?	City: Seattle State: WA Zip: 98104-2860		
[]Yes [X]No	Additional name(s) & address(es) attached? []Yes [X]No		
3. Nature of conveyance:			
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other			
Execution Date: <u>April 13, 2007, April 10, 2007, April 18, 2007</u>			
4. 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:		
A. Patent Application No.(s)	B. Patent No.(s)		
Serial No. 11/693,572, filed March 29, 2007	•		
Additional numbers attached? []Yes [X]No			
	6. Total number of applications and patents involved: 1		
 Name and address of party to whom correspondence concerning document should be mailed: 	7. Total fee (37 CFR 3.41):\$ <u>40.00</u>		
Name: Robert B. Madden Address: Schwegman, Lundberg, Woessner & Kluth, P.A.	[]Enclosed [X]Authorized to be charged to deposit account 19-0743		
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Name of Person Signing	Signature Date		
	al number of pages including cover sheet: 5		

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

ASSIGNMENT

WHEREAS, We, <u>Dennis C. Abts</u>, residing at <u>E3265 Aspen Rd.</u>, <u>Eleva, WI 54738</u>, and <u>Michael Higgins</u>, residing at <u>4007 Meadowwood Drive</u>, <u>Eau Claire</u>, <u>Wi 54701</u>, and <u>Van L. Snyder</u>, residing at <u>2168 Quail Creek Parkway NE</u>, <u>Blaine</u>, <u>MN 55449</u>, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on <u>March 29, 2007</u>, which application was assigned U.S. patent application serial number <u>11/693,572</u>, and is cntitled <u>FAULT TOLERANT MEMORY APPARATUS</u>, <u>METHODS</u>, <u>AND SYSTEMS</u>;

AND WHEREAS, <u>Cray Inc.</u>, a corporation organized and existing under and by virtue of the laws of the State of <u>Washington</u>, and having an office and place of business at <u>411 First Avenue S</u>, <u>Suite 600</u>, <u>Seattle</u>, <u>WA 98104-2860</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.

SCHWEGMAN, LUNDBERG, WOES

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 13 day of 4pril , 2007.
Dan Cht
Dennis C. Abts
STATE OF Wisconsin
COUNTY OF Chippewa
On this 13th day of Opeil, 2007 before me personally appeared Dennis C.
Abts, to me known and known to me to be the person described in and who executed the foregoing
instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes
therein set forth.
[SEAL] Con M. M. einen

Notary Public

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Michael Higgins

STATE OF Wiscousin

On this 10th day of April , 2007 before me personally appeared Michael Higgins to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

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IN TESTIMONY WHEREOF, I have hereunto set my hand this day of
<u>April</u> , 2007.
Van L/Snyder
STATE OF Minesota
)ss
COUNTY OF And ka
On this 12 day of, 2007 before mc personally appeared <u>Van L. Snyder</u> , to me known and known to me to be the person described in and who executed the foregoing instrument,
and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set
forth.
[SEAL] JANELLE MARKE COOK Notary Public Minnesoto My Comm. Expires Jan 31, 2010 Notary Public Notary Public

SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

PATENT, TRADEMARK & COPYRIGHT ATTORNEYS

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FROM: Robert B. Madden

OUR REF: 1376.754US1

(Minneapolis, Minn.)

Commissioner for Patents TO:

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Documents Transmitted:

Assignment (4 pages), Assignment Recordation Form Cover Sheet (1 page), authorization to charge Deposit Account No. 19-0743 in the amount of \$40.00 to cover the Assignment Recording Fee.

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In re. Patent Application of: Dennis Abts et al.

Examiner:

Serial No.: 11/693,572

Group Art Unit: 2113

Filed: March 29, 2007

Docket No.: 1376.754US1

Title: FAULT TOLERANT MEMORY APPARATUS, METHODS, AND SYSTEMS

Please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

By: Robert B. Madden

Reg. No. 57,521

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Nellie E. Nuhring

RECORDED: 06/05/2007

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