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01-29-2004



Atty Ref/Docket No.: 1376.711US1

Patent and Trademark Office

102656402

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

1. Name of conveying party(ies):

Gregory J. Faanes, Eric P. Lundberg, Steven L. Scott and Robert J. Baird

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

[] Yes [X] No

3. Nature of conveyance:

[X] Assignment

[] Merger

[] Security Agreement [] Change of Name

[] Other

Execution Date: January 5, 2004, January 5, 2004,
January 5, 2004, January 9, 2004

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

Name: Cray Inc.

Street Address: 411 First Ave S., Suite 600

City: Seattle State: WA Zip: 98104-2860

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

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. 10/643,577, filed August 18, 2003

Additional numbers attached? [] Yes [X] No

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

Name: Thomas F. Brennan

Address:

Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
Minneapolis, MN 55402

6. Total number of applications and patents involved: 1

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

[X] Enclosed

[] Authorized to be charged to deposit account

8. Please charge any additional fees or credit any over payments to our Deposit account number: 19-0743

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.

Thomas F. Brennan/Reg. No. 35,075

Name of Person Signing

Signature

Date

01/28/2004 LMUELLER 00000109 10643577

01 FC:8021

40.00 DP

Total number of pages including cover sheet: 11

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

Mail Stop Assignment Recordation Services
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450PATENT
REEL: 014916 FRAME: 0191

ASSIGNMENT

WHEREAS, We, Gregory J. Faanes, residing at 3005 Deerfield Drive, Eau Claire, WI 54703, and Eric P. Lundberg, residing at 3945 Woodcrest Court, Eau Claire, WI 54701, and Steven L. Scott, residing at 1301 State Street, Eau Claire, WI 54701, and Robert J. Baird, residing at 5100 Wildwood Avenue, Merritt Island, FL 32953, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on August 18, 2003, which application was assigned U.S. patent application serial number 10/643,577, and is entitled SYSTEM AND METHOD FOR PROCESSING MEMORY INSTRUCTIONS;

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

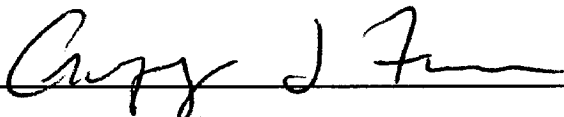
NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the 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.

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.

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 5 day of

Jan, 200⁴.



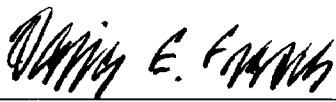
Gregory J. Faanes

STATE OF Wisconsin)
)ss

COUNTY OF Chippewa)

On this 5th day of January, 200⁴ before me personally appeared Gregory J. Faanes, 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

IN TESTIMONY WHEREOF, I have hereunto set my hand this 5 day of

January, 200⁴.

E. P. Lundberg

Eric P. Lundberg

STATE OF Wisconsin)

)ss

COUNTY OF Chippewa)

On this 5th day of January, 200⁴ before me personally appeared Eric P. Lundberg, 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]

Dani E. French

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 5th day of

January, 200~~3~~⁴.



Steven L. Scott

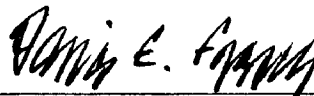
STATE OF Wisconsin)

)ss

COUNTY OF Chippewa)

On this 5th day of January, 200~~3~~⁴ before me personally appeared Steven L. Scott, 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

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of

_____, 200⁴~~3~~

Robert J. Baird

STATE OF _____)

)ss

COUNTY OF _____)

On this _____ day of _____, 200⁴~~3~~ before me personally appeared Robert J. Baird, 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

ASSIGNMENT

WHEREAS, We, Gregory J. Faanes, residing at 3005 Deerfield Drive, Eau Claire, WI 54703, and Eric P. Lundberg, residing at 3945 Woodcrest Court, Eau Claire, WI 54701, and Steven L. Scott, residing at 1301 State Street, Eau Claire, WI 54701, and Robert J. Baird, residing at 5100 Wildwood Avenue, Merritt Island, FL 32953, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on August 18, 2003, which application was assigned U.S. patent application serial number 10/643,577, and is entitled SYSTEM AND METHOD FOR PROCESSING MEMORY INSTRUCTIONS;

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

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.

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 _____ day of _____, 2003.

Gregory J. Faanes

STATE OF _____)
)ss
COUNTY OF _____)

On this _____ day of _____, 2003 before me personally appeared Gregory J. Faanes, 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

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2003.

Eric P. Lundberg

STATE OF _____)
)ss
COUNTY OF _____)

On this _____ day of _____, 2003 before me personally appeared Eric P. Lundberg, 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

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2003.

Steven L. Scott

STATE OF _____)
)ss
COUNTY OF _____)

On this _____ day of _____, 2003 before me personally appeared Steven L. Scott, 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

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9th day of

Jan, 200~~3~~⁴



Robert J. Baird

STATE OF Florida

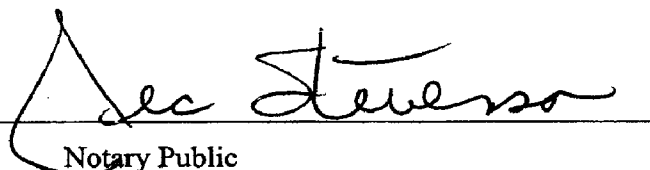
COUNTY OF Brevard)ss

On this 9th day of Jan, 200~~3~~⁴ before me personally appeared Robert J. Baird, 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.



Jean M Stevenson
My Commission DD157828
Expires October 13, 2006

[SEAL]


Notary Public