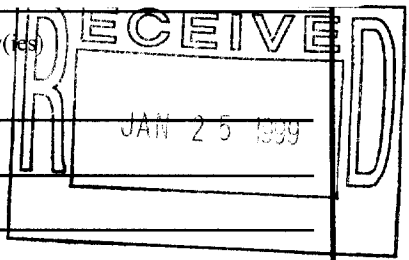


01-29-1999



100953670



RECORDATION FORM COVER SHEET PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached on.

1. Name of conveying party(ies)

- (1) Robert C. Frame
(2) Premanand Sakarda
(3) Mark Sawyer
(4) Richard Hennessy

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Digital Equipment Corporation

Internal Address: _____

Street Address: 20555 State Highway 249, MS 110701City: Houston State: Texas ZIP: 77070Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: (1) 10/30/98; (2) 11/25/98; (3) 1/21/99;
(4) 12/11/98

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)

09/107,940

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mary Lou Wakimura, Esq.

Internal Address: _____

Hamilton, Brook, Smith & Reynolds, P.C.Street Address: Two Militia DriveCity: Lexington State: MA ZIP: 02421-47996. Total number of applications and patents involved: ☐ 17. Total Fee (37 C.F.R. 3.41)..... \$ 40.00

- ☒ Enclosed
☒ Authorized to charge any deficiencies or credit any overpayment to deposit account
☐ Authorized to be charged to deposit account

8. Deposit account number:

08-0380

(Attach duplicate copy of this page if paying by deposit account)

01/29/1999 MAILED 00000045 09107940

01 FC581

40.00 OP

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.

Mary Lou Wakimura

Name of Person Signing

Signature

1/21/99

Date

Total number of pages including cover sheet, attachments, and document: ☐ 25

ASSIGNMENT

WHEREAS, Robert C. Frame, Premanand Sakarda, Mark Sawyer, and Richard Hennessy have made certain inventions or discoveries (or both) set forth in an Application for Letters Patent of the United States of America entitled DYNAMIC RESOURCE ALLOCATION ACROSS BUS BRIDGES, the specification of which:

[] was executed by me on the date indicated below;
[x] was filed on June 30, 1998 with
Application Serial No. 09/107,940
[] was patented under U.S. Patent No.[], on [];

WHEREAS, Digital Equipment Corporation, a corporation of the Commonwealth of Massachusetts, whose address is 111 Powdermill Road, Maynard, Massachusetts 01754, and who, together with its successors and assigns, is hereinafter called "Assignee", is desirous of acquiring the entire right, title and interest together with the benefits and privileges hereinafter recited;

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledged, we hereby, without reservation;

1. Assign, transfer and convey to Assignee the entire right, title and interest together with the benefits and privileges in and to said inventions and discoveries, said Application for Letters Patent or similar forms of protection of the United States of America, and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said application, and any and all Letters Patent, reissues and extensions of Letters Patent or similar forms of protection granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries or groups of countries on any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or any other relevant convention or treaty or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein, or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any rights in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonable serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing any facts of our conceptions, disclosures, and reduction to practice of said inventions or discoveries.

IN WITNESS WHEREOF:

DATE I SIGNED INVENTOR'S DECLARATION: June 30, 1997

Today's

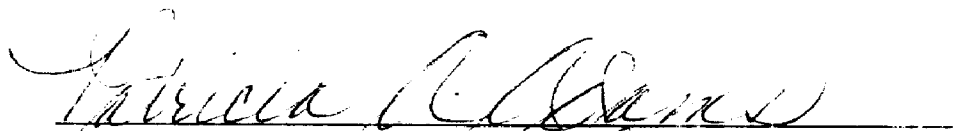
Date: 10/30/98


Robert C. Frame

STATE OF: Massachusetts

COUNTY OF: Middlesex

On this 30th day of OCT, 1998, before me personally appeared Robert C. Frame known to me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed.


Notary Public
My Commission Expires: May 12, 2002

DATE I SIGNED INVENTOR'S DECLARATION: _____

Today's

Date: _____
Premanand Sakarda

STATE OF: _____

COUNTY OF: _____

On this _____ day of _____, 1998, before me
personally appeared Premanand Sakarda known to me to be the
person described in and who executed the foregoing instru-
ment, and who acknowledged that he executed the same as his
free act and deed.

Notary Public

My Commission Expires: _____

DATE I SIGNED INVENTOR'S DECLARATION: _____

Today's

Date: _____
Mark Sawyer

STATE OF: _____

COUNTY OF: _____

On this _____ day of _____, 1998, before me
personally appeared Mark Sawyer known to me to be the person
described in and who executed the foregoing instrument, and
who acknowledged that he executed the same as his free act
and deed.

Notary Public

My Commission Expires: _____

DATE I SIGNED INVENTOR'S DECLARATION: _____

Today's

Date: _____
Rick Hennessy

STATE OF: _____

COUNTY OF: _____

On this _____ day of _____, 1998, before me
personally appeared Rick Hennessy known to me to be the
person described in and who executed the foregoing instru-
ment, and who acknowledged that he executed the same as his
free act and deed.

Notary Public

My Commission Expires: _____

ASSIGNMENT

WHEREAS, Robert C. Frame, Premanand Sakarda, Mark Sawyer, and Richard Hennessy have made certain inventions or discoveries (or both) set forth in an Application for Letters Patent of the United States of America entitled DYNAMIC RESOURCE ALLOCATION ACROSS BUS BRIDGES, the specification of which:

- [] was executed by me on the date indicated below;
- [x] was filed on June 30, 1998 with
Application Serial No. 09/107,940
- [] was patented under U.S. Patent No. [], on [];

WHEREAS, Digital Equipment Corporation, a corporation of the Commonwealth of Massachusetts, whose address is 111 Powdermill Road, Maynard, Massachusetts 01754, and who, together with its successors and assigns, is hereinafter called "Assignee", is desirous of acquiring the entire right, title and interest together with the benefits and privileges hereinafter recited;

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledged, we hereby, without reservation;

1. Assign, transfer and convey to Assignee the entire right, title and interest together with the benefits and privileges in and to said inventions and discoveries, said Application for Letters Patent or similar forms of protection of the United States of America, and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said application, and any and all Letters Patent, reissues and extensions of Letters Patent or similar forms of protection granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries or groups of countries on any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or any other relevant convention or treaty or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein, or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any rights in said inventions, discoveries, applications or patents or any license to use the same or to make use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonable serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing any facts of our conceptions, disclosures, and reduction to practice of said inventions or discoveries.

IN WITNESS WHEREOF:

DATE I SIGNED INVENTOR'S DECLARATION: _____

Today's

Date: _____
Robert C. Frame

STATE OF: _____

COUNTY OF: _____

On this _____ day of _____, 1998, before me
personally appeared Robert C. Frame known to me to be the
person described in and who executed the foregoing instru-
ment, and who acknowledged that he executed the same as his
free act and deed.

Notary Public
My Commission Expires: _____

DATE I SIGNED INVENTOR'S DECLARATION: _____

Today's

Date: _____
Premanand Sakarda

STATE OF: _____

COUNTY OF: _____

On this _____ day of _____, 1998, before me
personally appeared Premanand Sakarda known to me to be the
person described in and who executed the foregoing instru-
ment, and who acknowledged that he executed the same as his
free act and deed.

Notary Public

My Commission Expires: _____

DATE I SIGNED INVENTOR'S DECLARATION: _____

Today's

Date: _____

Mark Sawyer

STATE OF: _____

COUNTY OF: _____

On this _____ day of _____, 1998, before me personally appeared Mark Sawyer known to me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed.

Notary Public

My Commission Expires: _____

DATE I SIGNED INVENTOR'S DECLARATION: 12/11/98

Today's

Date: 12/11/98Rick Hennessy
Rick HennessySTATE OF: MACOUNTY OF: MIDDLESEX

On this 11TH day of DECEMBER, 1998, before me personally appeared Rick Hennessy known to me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed.

Kerry M. Daigle
Notary Public

My Commission Expires: _____

KERRY M. DAIGLE, NOTARY PUBLIC
COMMONWEALTH OF MASSACHUSETTS
MY COMMISSION EXPIRES 6/21/2002

ASSIGNMENT

WHEREAS, Robert C. Frame, Premanand Sakarda, Mark Sawyer, and Richard Hennessy have made certain inventions or discoveries (or both) set forth in an Application for Letters Patent of the United States of America entitled DYNAMIC RESOURCE ALLOCATION ACROSS BUS BRIDGES, the specification of which:

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[x] was filed on June 30, 1998 with
Application Serial No. 09/107,940
[] was patented under U.S. Patent No. [], on [];

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NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledged, we hereby, without reservation;

1. Assign, transfer and convey to Assignee the entire right, title and interest together with the benefits and privileges in and to said inventions and discoveries, said Application for Letters Patent or similar forms of protection of the United States of America, and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said application, and any and all Letters Patent, reissues and extensions of Letters Patent or similar forms of protection granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries or groups of countries on any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or any other relevant convention or treaty or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein, or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any rights in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonable serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing any facts of our conceptions, disclosures, and reduction to practice of said inventions or discoveries.

IN WITNESS WHEREOF:

DATE I SIGNED INVENTOR'S DECLARATION: _____

Today's

Date: _____
Robert C. Frame

STATE OF: _____

COUNTY OF: _____

On this _____ day of _____, 1998, before me
personally appeared Robert C. Frame known to me to be the
person described in and who executed the foregoing instru-
ment, and who acknowledged that he executed the same as his
free act and deed.

Notary Public
My Commission Expires: _____

DATE I SIGNED INVENTOR'S DECLARATION: _____

Today's

Date: _____
Premanand Sakarda

STATE OF: _____

COUNTY OF: _____

On this _____ day of _____, 1998, before me
personally appeared Premanand Sakarda known to me to be the
person described in and who executed the foregoing instru-
ment, and who acknowledged that he executed the same as his
free act and deed.

Notary Public

My Commission Expires: _____

DATE I SIGNED INVENTOR'S DECLARATION: 1-21-99

Today's

Date: 1-21-99Mark Sawyer
Mark SawyerSTATE OF: New HampshireCOUNTY OF: Merrimack

On this 21 day of January, 199⁹, before me personally appeared Mark Sawyer known to me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed.

Siobhan Sawyer

Notary Public

SIOBHAN SAWYER, Notary Public
My Commission Expires August 24, 1999

My Commission Expires: _____

DATE I SIGNED INVENTOR'S DECLARATION: _____

Today's

Date: _____
Rick Hennessy

STATE OF: _____

COUNTY OF: _____

On this _____ day of _____, 1998, before me personally appeared Rick Hennessy known to me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed.

Notary Public

My Commission Expires: _____

ASSIGNMENT

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- ☒ was filed on June 30, 1998 with
Application Serial No. 09/107,940
- ☐ was patented under U.S. Patent No. [], on [];

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3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein, or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any rights in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonable serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing any facts of our conceptions, disclosures, and reduction to practice of said inventions or discoveries.

IN WITNESS WHEREOF:

DATE I SIGNED INVENTOR'S DECLARATION: _____

Today's

Date: _____
Robert C. Frame

STATE OF: _____

COUNTY OF: _____

On this _____ day of _____, 1998, before me
personally appeared Robert C. Frame known to me to be the
person described in and who executed the foregoing instru-
ment, and who acknowledged that he executed the same as his
free act and deed.

Notary Public
My Commission Expires: _____

DATE I SIGNED INVENTOR'S DECLARATION: 6/30/98

Today's

Date: 11-25-98Premanand Sakarda
Premanand SakardaSTATE OF: MassachusettsCOUNTY OF: Middlesex

On this 25th day of November, 1998, before me personally appeared Premanand Sakarda known to me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed.

Michelle M. Caissey
Notary Public
My Commission Expires: _____
MICHELLE M. CAISSEY
Notary Public
My Commission Expires Nov. 12, 2004

DATE I SIGNED INVENTOR'S DECLARATION: _____

Today's

Date: _____
Mark Sawyer

STATE OF: _____

COUNTY OF: _____

On this _____ day of _____, 1998, before me
personally appeared Mark Sawyer known to me to be the person
described in and who executed the foregoing instrument, and
who acknowledged that he executed the same as his free act
and deed.

Notary Public

My Commission Expires: _____

DATE I SIGNED INVENTOR'S DECLARATION: _____

Today's

Date: _____
Rick Hennessy

STATE OF: _____

COUNTY OF: _____

On this _____ day of _____, 1998, before me personally appeared Rick Hennessy known to me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed.

Notary Public

My Commission Expires: _____