

FORM PTO-1596
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DOCKET NO.: 03139-00160
PD26042

06-25-1998

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



06/25/98
100747015
06/18/98

619-98 To the Honorable Commission.

100747015

Original documents or copy thereto:

1. Name of conveying party(ies):

Rahul RAZDAN; James B. KELLER; Richard E. KESSLER

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

3. Nature of conveyance:

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

Execution Date: May 22, 1998; June 16, 1998; and May 21, 1998.
respectively

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

Name: Digital Equipment Corporation

Internal Address:

Street Address: 111 Powdermill Road, MS02-3/G3

City: Maynard State/Country: MA ZIP: 01754-1499

Additional name(s) & address(es) attached? ☒ Yes ☐ No

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

If the document is being filed together with a new application, the execution date of the application is: May 22, 1998; June 16, 1998; and May 21, 1998.
respectively

A. Patent Application No(s).

Filed: June 18, 1998

09099304

B. Patent No(s).

Additional numbers attached? ☒ Yes ☐ No

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

Name: Patent Law Group
Digital Equipment Corporation
Internal Address:

Street Address: 111 Powdermill Road, MS02-3/G3

City: Maynard State: MA ZIP: 01754-1499

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)

\$40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

10-0447

DO NOT USE THIS SPACE

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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.

Alfred A. Stadnicki, 30226

Name and Registration No. of Person Signing

Signature

Date

June 18, 1998

Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

06/24/1998 SMITH 00000101 100447 09099304

01 FC:501 40.00 CH

IPDC:2001.1 03139-00160

PATENT
REEL: 9255 FRAME: 0916

ASSIGNMENT

WHEREAS, Rahul RAZDAN of Patent Law Group, Digital Equipment Corporation, 111 Powdermill Road, MS02-3/G3, Maynard Massachusetts 01754-1499, James B. KELLER of Patent Law Group, Digital Equipment Corporation, 111 Powdermill Road, MS02-3/G3, Maynard Massachusetts 01754-1499; and Richard E. KESSLER of Patent Law Group, Digital Equipment Corporation, 111 Powdermill Road, MS02-3/G3, Maynard Massachusetts 01754-1499 have made certain inventions or discoveries (or both) set forth in an Application for Letters Patent of the United States of America entitled "METHOD AND APPARATUS FOR DEVELOPING MULTIPROCESSOR CACHE CONTROL PROTOCOLS BY PRESENTING A CLEAN VICTIM SIGNAL TO AN EXTERNAL SYSTEM", the specification of which:

X was executed by us on the date(s) indicated below;

___ was filed on ___ as Application Serial No. ___;

___ 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 acknowledge, 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 Assistant Commissioner for Patents 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: filed for May 22, 1998

Today's

Date: May 22, 1998

filed for
Rahul RAZDAN

STATE OF: INDIANA

COUNTY OF: INDIANA

On this 22 day of May, 1998, before me personally appeared Rahul RAZDAN known to me to be the person described in and who executed the foregoing instrument, and who acknowledged that he/she executed the same as his/her free act and deed.

[Signature]
Notary Public

My Commission Expires: July 22, 1999

IN WITNESS WHEREOF:

DATE I SIGNED INVENTOR'S DECLARATION: _____

Today's

Date: _____ James B. KELLER

STATE OF: _____

COUNTY OF: _____

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

Notary Public
My Commission Expires: _____

IN WITNESS WHEREOF:

DATE I SIGNED INVENTOR'S DECLARATION: 5/21/98

Today's

Date: 5/21/98 _____
Richard E. KESSLER

STATE OF: Massachusetts

COUNTY OF: Worcester

PD26042

On this 21 day of MAY, 1998, before me personally appeared Richard E. KESSLER known to me to be the person described in and who executed the foregoing instrument, and who acknowledged that he/she executed the same as his/her free act and deed.

Shalter D. R. Jr.
Notary Public
My Commission Expires: July 22, 1999

PLG 10/94
ASSIGNT. FRM

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PATENT
REEL: 9255 FRAME: 0921

ASSIGNMENT

WHEREAS, Rahul RAZDAN of Patent Law Group, Digital Equipment Corporation, 111 Powdermill Road, MS02-3/G3, Maynard Massachusetts 01754-1499, James B. KELLER of Patent Law Group, Digital Equipment Corporation, 111 Powdermill Road, MS02-3/G3, Maynard Massachusetts 01754-1499; and Richard E. KESSLER of Patent Law Group, Digital Equipment Corporation, 111 Powdermill Road, MS02-3/G3, Maynard Massachusetts 01754-1499 have made certain inventions or discoveries (or both) set forth in an Application for Letters Patent of the United States of America entitled "METHOD AND APPARATUS FOR DEVELOPING MULTIPROCESSOR CACHE CONTROL PROTOCOLS BY PRESENTING A CLEAN VICTIM SIGNAL TO AN EXTERNAL SYSTEM", the specification of which:

X was executed by us on the date(s) indicated below;

___ was filed on ___ as Application Serial No. ___;

___ 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 acknowledge, 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 Assistant Commissioner for Patents 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: _____
Rahul RAZDAN

STATE OF: _____

COUNTY OF: _____

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

Notary Public
My Commission Expires: _____

IN WITNESS WHEREOF:

DATE I SIGNED INVENTOR'S DECLARATION: June 16, 1998

Today's
Date: June 16, 1998

James B. KELLER

STATE OF: Massachusetts

COUNTY OF: Middlesex

On this 16th day of June, 1998, before me personally appeared James B. KELLER known to me to be the person described in and who executed the foregoing instrument, and who acknowledged that he/she executed the same as his/her free act and deed.

James D. Fenge
Notary Public

My Commission Expires: 7/28/2000

IN WITNESS WHEREOF:

DATE I SIGNED INVENTOR'S DECLARATION: _____

Today's
Date: _____

Richard E. KESSLER

STATE OF: _____

COUNTY OF: _____

PD26042

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

Notary Public

My Commission Expires: _____

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ASSIGNTE.FRM

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RECORDED: 06/18/1998

PATENT
REEL: 9255 FRAME: 0926