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Substitute Form PTO-1595 Attorney Docket No.: 07072-932001 Client's Ref. No.: EMC 99-164

HEET

Assistant Commissioner for Patents: Please record the attached original document(s) or copy(ies). 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Robert S. Mason, Jr., Adi Ofer and Natan Vishlitzky **EMC Corporation** 171 South Street Additional name(s) attached? ☐ Yes 図 No Hopkinton, Massachusetts 01748-9103 3. Nature of conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name □ Other Execution Date: 11/10/99 Additional names/addresses attached? ☐ Yes ☑ No 4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: 11/10/99 A. Patent Application No(s).: B: Patent No(s).: Additional numbers attached? ☐ Yes ☑ No 5. Name/address of party to whom correspondence concerning 6. Total number of applications/patents involved: 1 document should be mailed: CATHY L. PETERSON 7. Total fee (37 CFR §3.41): \$40 Fish & Richardson P.C ■ Enclosed 225 Franklin Street ☐ Authorized to charge Deposit Account. Boston, MA 02110-2804 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050. 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. Cathy L. Peterson Pin 12, 1999 Reg. No. 41,249 Name of Person Signing Total number of pages including coversheet, attachments and document: 3 20004337 doc

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November 12, 1999 Date of Deposit

PATENT REEL: 010396 FRAME: 0464

ASSIGNMENT

For valuable consideration, we, Robert S. Mason, Jr., of Mendon, MA; Adi Ofer of Wellesley, MA; Natan Vishlitzky of Brookline, MA; hereby assign to EMC Corporation, a Massachusetts corporation having a place of business at 171 South Street, Hopkinton, Massachusetts 01748-9103, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled LOGICAL VOLUME SELECTION IN A PROBABILITY-BASED JOB SCHEDULER, executed on even date herewith; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at HORIN TON MA,
this 10th day of November, 1999
Robert S. Mason. Jr.
COMMONWEALTH OF MASSACHUSETTS:
COUNTY OF HICHLES : iss.
Before me this day of NOV, 1999, personally appeared Robert S.
Mason, Jr. known to me to be the person whose name is subscribed to the foregoing Assignment and
acknowledged that he executed the same as his free act and deep for the purposes therein contained.
Like you alouto
Notary Public
My Commission Typings
My Commission Expires:

[Notary's Seal Here]

My Commission Expires April 21, 2000

PATENT REEL: 010396 FRAME: 0465

IN WITNESS WHEREOF, I hereto set, my hand and seal at HOKINTON MA
this 10th day of November, 1999
Adi Ofer
COMMONWEALTH OF MASSACHUSETTS:
COUNTY OF HIDDUST :: iss.
Before me this day of, 1999, personally appeared Adi Ofer known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained. Notary Public
My Commission Expires: [Notary's Seal Here]
In Witness Whereof, I hereto set my hand and seal at ADPKIN TON MA this 10 th day of Notion Visibility and the seal at ADPKIN TON MATERIAL I.S.
Natan Vishlitzky
COMMONWEALTH OF MASSACHUSETTS: Ss. COUNTY OF LICE SS.
Before me this
My Commission Expires: [Notary's Seal Here]
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RECORDED: 11/12/1999

PATENT REEL: 010396 FRAME: 0466