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05-05-2000

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To the Honorable Commissioner of Patents and 11ag	101346943 emarks: riease record the attached original documents or copy thereof.
Name of conveying party(ies) Daniel Field	2. Name and address of receiving party(ies) Name: EMC Corporation Internal Address: 2. Significant description Internal Address: Internal Address: Internal Address: Internal Address: Inte
Additional name(s) of conveying party(ies) attached? [] Yes [X] No	288
3. Nature of conveyance: [X] Assignment [] Merger	Street Address: 171 South Street
Security Agreement	City: Hopkinton State: MA ZIP: 01748
Execution Date: April 24, 2000	Additional name(s) & address(es) attached? [] Yes [X] No
If this document is being filed together with a new application A. Patent Application No.(s)	B. Patent No.(s) 09/558638
A. Patent Application No.(s) Additional nu Name and address of party to whom correspondence	B. Patent No.(s)
A. Patent Application No.(s) Additional nu Name and address of party to whom correspondence concerning document should be mailed:	B. Patent No.(s) 09/558638 umbers attached? [] Yes [x] No
A. Patent Application No.(s) Additional nu Name and address of party to whom correspondence	B. Patent No.(s) O9/558638 umbers attached? [] Yes [x] No 6. Total number of applications and patents involved: 1
A. Patent Application No.(s) Additional nu 5. Name and address of party to whom correspondence concerning document should be mailed: Name: David E. Huang, Esq. Internal Address:	B. Patent No.(s) O9/558638 Imbers attached? [] Yes [x] No 6. Total number of applications and patents involved: [1] 7. Total Fee (37 C.F.R. 3.41)
A. Patent Application No.(s) Additional nu 5. Name and address of party to whom correspondence concerning document should be mailed: Name: David E. Huang, Esq. Internal Address: CHAPIN & HUANG, L.L.C. Street Address: Westborough Office Park	B. Patent No.(s) O9/558638 Imbers attached? [] Yes [x] No 6. Total number of applications and patents involved: [1] 7. Total Fee (37 C.F.R. 3.41)
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A. Patent Application No.(s) Additional nu 5. Name and address of party to whom correspondence concerning document should be mailed: Name: David E. Huang, Esq. Internal Address: CHAPIN & HUANG, L.L.C. Street Address: Westborough Office Park V2000 SCORNICH COLONIA West Park Drive 15M: Westborough State: MAO of ZIP: 01581	B. Patent No.(s) O9/558638 Imbers attached? [] Yes [x] No 6. Total number of applications and patents involved: [1] 7. Total Fee (37 C.F.R. 3.41)
A. Patent Application No.(s) Additional nu 5. Name and address of party to whom correspondence concerning document should be mailed: Name: David E. Huang, Esq. Internal Address: CHAPIN & HUANG, L.L.C. Street Address: Westborough Office Park 7000 SCRRICH 1000 West Park Drive 15M: Westborough State: 1600 moZIP: 01581 DO N 9. Statement and signature.	B. Patent No.(s) O9/558638 Imbers attached? [] Yes [x] No 6. Total number of applications and patents involved: [1] 7. Total Fee (37 C.F.R. 3.41)

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

[3]

Docket No.: EMC00-08(00027)

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ASSIGNMENT

WHEREAS, I, Daniel Field, have invented a certain improvement in SYSTEMS AND METHODS FOR OBTAINING AN ELECTRICAL CHARACTERISTIC OF A CIRCUIT BOARD ASSEMBLY PROCESS, described in an application for Letters Patent of the United States, the specification of which:

[X]	is about to be filed in the United States Patent Office;	
[]	was filed on as Application No;	
[]	was patented under U.S. Patent Noon	

WHEREAS, EMC Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts and having a usual place of business at 171 South Street, Hopkinton, Massachusetts 01748 desires to acquire an interest therein in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

PATENT REEL: 010751 FRAME: 0700 AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor

Daniel Field

State/Commonwealth
of Masachurette
County of Muddlery
-

Then personally appeared before me the above-named Daniel Field and acknowledged that he/she executed the foregoing instrument as his free act and deed this

(SEAL)

Notary Public

Julia-anna mwalecki (print name)

My Commission expires 7/12 2002

JULIA-ANNA M. WALECKI, Notary Public My Commission Expires July 12, 2002

PATENT REEL: 010751 FRAME: 0701

RECORDED: 04/26/2000