

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
John K. Bowman	04/26/2010
Stephen J. Keefe	04/30/2010
RECEIVING PARTY DATA	
Name:	EMC Corporation
Street Address:	176 South Street
City:	Hopkinton
State/Country:	MASSACHUSETTS
Postal Code:	01748
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12638673
CORRESPONDENCE DATA	
Fax Number:	(617)523-6850
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	christopher.ducey@hkllaw.com
Correspondent Name:	Holland & Knight LLP
Address Line 1:	10 St. James Ave
Address Line 4:	Boston, MASSACHUSETTS 02116
ATTORNEY DOCKET NUMBER:	113454.00025/EMC-09-312
NAME OF SUBMITTER:	Brian J. Colandreo
Total Attachments: 4 source=EMC09312Assignment#page1.tif source=EMC09312Assignment#page2.tif source=EMC09312Assignment#page3.tif source=EMC09312Assignment#page4.tif	

CH \$40.00 12638673

ASSIGNMENT

WHEREAS, we, John K. Bowman, and Stephen J. Keefe have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled Cooling System, the specification of which:

[X] was filed on 15 December 2009 as U.S. Application No. 12/638,673;

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 176 South Street, Hopkinton, Massachusetts 01748 desires to acquire an interest therein in accordance with agreements duly entered into with us;

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, we 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 us had this assignment and sale not been made; we hereby convey to ASSIGNEE 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. We 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, we hereby further agree for ourselves and our 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;

AND, we 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, we have hereunto set our hands and affixed our seals as set forth below:

Date: 4/26/10

John K. Bowman
Inventor's Signature

Print full name of first inventor: **John K. Bowman**
Residence: Brighton, MA
Citizenship: US
Mailing Address: 37 Leicester Street
Brighton, MA 02135

STATE/Commonwealth of Massachusetts
COUNTY OF Suffolk

On this 26th day of April, 2010, then personally appeared before me the above-named John K. Bowman known to me through satisfactory evidence of identification employee identification card; driver's license; (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Nancy J. Forrester
Notary Public
Print Name: Nancy J. Forrester
My Commission expires 01/30/2015

PATENT/Joint Assignment
Attorney Docket No.: 113454.00025
EMC Docket No.: EMC-09-312

Date: April 30th, 2010

Stephen J. Keefe
Inventor's Signature

Print full name of second inventor: Stephen J. Keefe
Residence: Boylston, MA
Citizenship: US
Mailing Address: 702 Linden Street
Boylston, MA 01505

STATE/Commonwealth of Massachusetts
COUNTY OF Worcester

On this 30th day of April, 2010, then personally appeared before me the above-named Stephen J. Keefe known to me through satisfactory evidence of identification employee identification card; driver's license; (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Kristen Meyer
Notary Public

Print Name: Kristen Meyer

My Commission expires 7/23/2015

9059084_v1

