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Form PTO-1595

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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

James M. Tuttle  
Douglas E. Peeke

8-27-02

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

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 08/23/2002

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

Name: EMC Corporation

Internal Address: \_\_\_\_\_

Street Address: 35 Parkwood Drive

City: Hopkinton State: MA Zip: 01748

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

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

10228513

If this document is being filed together with a new application, the execution date of the application is: 8/23/2002

A. Patent Application No.(s) \_\_\_\_\_

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 Steubing

Internal Address: \_\_\_\_\_

Street Address: 41 Jewett Street

City: Pepperell State: MA Zip: 01463

6. Total number of applications and patents involved: ☐

7. Total fee (37 CFR 3.41).....\$ 40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

## 8. Deposit account number:

05-0889

DO NOT USE THIS SPACE

## 9. Signature.

Mary Steubing  
Name of Person Signing  
Signature08/27/2002  
DateTotal number of pages including cover sheet, attachments, and documents: ☒ 4Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

08/30/2002 LMUELLER 00000294 050889 10228513

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PATENT  
REEL: 13233 FRAME: 0616

## ASSIGNMENT

**WHEREAS**, we, James M. Tuttle and Douglas E. Peeke, 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 **OPTICAL/COPPER FIBRE CHANNEL INPUTS ARCHITECTURE**, the specification of which:

☒ is being executed on even date herewith and is about to be filed in the United States Patent Office;

☐ was filed on \_\_\_\_\_ as U.S. Application No. \_\_\_\_\_;

☐ was patented under U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

**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 35 Parkwood Drive, 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

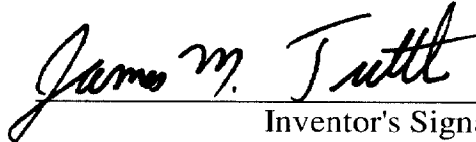
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the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding 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: 8/23/02



Inventor's Signature

Print full name of first inventor:

James M. Tuttle

Residence:

45 Chestnut Street, Lunenburg, MA 01462


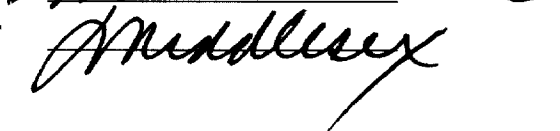
Citizenship:

USA

Mailing Address:

45 Chestnut Street, Lunenburg, MA 01462

STATE/Commonwealth of  
COUNTY OF

Then personally appeared before me the above-named James M. Tuttle and acknowledged that he executed the foregoing instrument as his free act and deed this 23 day of August 2002.

  
Notary Public

Print Name: \_\_\_\_\_

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Julia-Anna Mazzarella  
NOTARY PUBLIC  
My commission expires June 19, 2009

My commission expires June 19, 2009  
NOTARY PUBLIC  
Julia-Anna Mazzarella

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Date:

Douglas E. Peeke 8/23/02  
Inventor's Signature

Print full name of second inventor:

**Douglas E. Peeke**

Residence:

68 Hillside Drive, Shrewsbury, MA 01545

Citizenship:

USA

Mailing Address:

68 Hillside Drive, Shrewsbury, MA 01545

STATE/Commonwealth of  
COUNTY OF

Massachusetts  
Worcester

Then personally appeared before me the above-named Douglas E. Peeke and acknowledged that he executed the foregoing instrument as his free act and deed this 23 day of August 2002.

Julia-Anna Mazzarella  
Notary Public

Print Name: \_\_\_\_\_

My Commission expires \_\_\_ / \_\_\_ / \_\_\_

Julia-Anna Mazzarella  
NOTARY PUBLIC  
My commission expires June 19, 2009