

01-23-2002



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Patent and Trademark Office

Form PTO 1595

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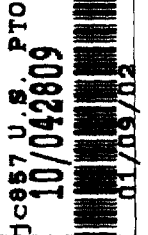
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

## 1. Name of conveying party(ies)

1. Bruce Michael Cassidy

01/09/02

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

International Business Machines Corporation  
New Orchard Road  
Armonk, New York 10504Additional names(s) of conveying party(ies) ☐ Yes ☒ NoAdditional name(s) & addresses attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

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

Execution Date: December 27, 2001

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

If this document is being filed together with a new application, the execution date of the application is:  
 December 27, 2001

A. Patent Application Number(s)

Patent Number(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: David W. Lynch  
 Address: Altera Law Group  
 6500 City West Parkway - Suite 100  
 Minneapolis, Minnesota 55344-7701

## 6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41) \$40.00

- ☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
☐ Authorized to charged to deposit account

8. Deposit Account number: 50-1038

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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.

David W. Lynch  
 Name of Person Signing

Signature

1/9/02  
 Date

01/22/2002 DBYRNE 00000156 10042809

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40.00 DP

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

PATENT  
 REEL: 012480 FRAME: 0713

**PATENT ASSIGNMENT TO CORPORATION WORLDWIDE**

WHEREAS,

1. Bruce Michael Cassidy residing at 1560 Frederick Michael Way, Livermore, California 94550 and a citizen of USA;
2.       residing at               and a citizen of       ;
3.       residing at               and a citizen of       ;

hereafter referred to as "THE UNDERSIGNED", have made an invention entitled: METHOD AND APPARATUS FOR HOST MESSAGING UNIT FOR PERIPHERAL COMPONENT INTERCONNECT BUSMASTER DEVICES

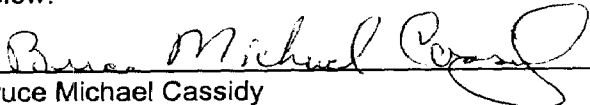
AND, WHEREAS, INTERNATIONAL BUSINESS MACHINES CORPORATION, hereafter referred to as ASSIGNEE, a corporation organized under the laws of the state of New York and whose place of business is New Orchard Road, Armonk, New York 10504, is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE in consideration of the sum of One Dollar, the receipt whereof is acknowledged, and other good and valuable consideration, THE UNDERSIGNED hereby sell, assign and transfer unto ASSIGNEE the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to all divisionals, continuations, continuations in part, reissues, reexaminations or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extension of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said invention including an assignment of all rights under the provision of international conventions and all Letters Patent of foreign countries which may be granted therefrom; the UNDERSIGNED hereby authorize the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED, hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts Known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles and benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said Assignee its successors and assignees, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

  
Bruce Michael Cassidy

12/27/01  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

No Legalization Required