

10-14-1998

To the Honorable Commissioner of Patent.

original documents or copy thereof.

1. Name of conveying party(ies):

Rick Allen Philpott
Chad Edward Mitchell

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

2. Nature of conveyance:

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

Execution Date: September 30, 1998

address of receiving party(ies):

Name: International Business Machines Corporation

Street Address: New Orchard Road

City: Armonk State: NY ZIP: 10504

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

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: October 2, 1998

A. Patent Application No.

B. Patent No.

Title: SYSTEM AND METHOD FOR ADJUSTING A CUTOFF FREQUENCY OF A TUNABLE
FILTER EMPLOYED IN A READ CHANNEL OF A DATA STORAGE SYSTEM

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mark A. Hollingsworth

Address: MUETING, RAASCH & GEBHARDT, P.A.
P.O. Box 581415
Minneapolis, MN 55458-1415

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR §3.41): \$ 40.00

☒ Enclosed
☐ Authorized to be charged to deposit account

8. Please charge any additional fees or credit any
overpayments to Deposit account number: 13-4895

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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.

Mark A. Hollingsworth
Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document(s): 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

PATENT

REEL: 9499 FRAME: 0647

ASSIGNMENT

Whereas We, Rick Allen Philpott and Chad Edward Mitchell, with residences and citizenships as indicated below; have made an invention in

**SYSTEM AND METHOD FOR ADJUSTING A CUTOFF FREQUENCY OF A TUNABLE
FILTER EMPLOYED IN A READ CHANNEL OF A DATA STORAGE SYSTEM**

Filed: Herewith

Serial No.: Unassigned

and executed an application for Letters Patent of the United States of America based thereon;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, we have individually and jointly agreed to assign and transfer and do hereby assign and transfer unto International Business Machines Corporation ("Company"), a corporation of New York, having its principal office at New Orchard Road, Armonk, New York 10504, its successors and assigns, the entire right, title, and interest in and to said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in said invention made by us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by the Company of whichever of us, solely or jointly with one or more others, has made the same), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by us or any of us had this assignment and transfer not been made;

We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to International Business Machines Corporation as the assignee of the entire right, title, and interest therein.

In witness whereof, we have hereunto signed our names on the days and years set forth below.

Page 1

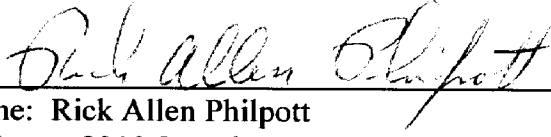
IBM RO998-133
M&R 300. 00080101
Assignment

PATENT
REEL: 9499 FRAME: 0648

Serial No. Unassigned

Filed: Herewith

For: SYSTEM AND METHOD FOR ADJUSTING A CUTOFF FREQUENCY OF A TUNABLE FILTER EMPLOYED
IN A READ CHANNEL OF A DATA STORAGE SYSTEM



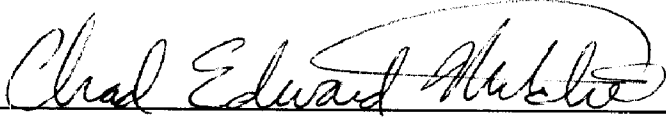
SEPTEMBER 30, 1998
Date

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Citizenship: United States of America



9/30/98
Date

Name: Chad Edward Mitchell

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