

09-18-1998

PATENT ONLY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

COVER SHEET

Y

100832658

To the Honorable Commissioner of Patents and Trademarks, please return the attached original documents or copy thereof

1. Name of conveying party(ies): (1) Arne W. Ballantine,  
(2) Emily E. Fisch, (3) Ronald A. Warren.Additional name(s) of conveying party(ies) attached? ☐ YES ☒ NO

3. Nature of Conveyance:

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

Execution Date: 8/27; 8/28; 8/31/98

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

Name: International Business Machines Corporation

Street Address: New Orchard Road

City: Armonk State: New York 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: 8/27; 8/28;  
8/31/98

A. Patent Application Number(s) \_\_\_\_\_

B. Patent Number(s) \_\_\_\_\_

Additional number(s) attached? ☐ YES ☒ NO5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: Kevin R. Casey

Internal Address: Ratner &amp; Prestia

Street Address: Suite 301, One Westlakes, Berwyn,  
P.O. Box 980  
Valley Forge, PA 19482-0980  
Phone: (610) 407-0700

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. Deposit account number: 09-0456 (IBM Corporation)

(Attach duplicate copy of this page if paying by deposit account.)

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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.

James M. Leas

Name of Person Signing

34,372

Registration. No. Telephone No.: (802) 769-9824

Signature

Date

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

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS  
MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20231. THE  
APPLICANT AND/OR ATTORNEY REQUEST THE DATE OF DEPOSIT AS THE FILING DATE.

Express Mail Certificate No.: EE657871831US

Date of Deposit: 9/1/98

Name of Person Making Deposit: SUZIE SHIELDS

Signature: Suzie Shields

ASSIGNMENT

WHEREAS, we, **Arne W. Ballantine**, of **1 Whately Road, South Burlington, Vermont 05403**, **Emily E. Fisch**, of **14 Adsit Court, Burlington, Vermont 05401**, **Ronald A. Warren**, of **104 Saybrook Road, Essex Junction, Vermont 05452** (hereinafter referred to as "**ASSIGNOR**") have made an invention entitled **STRUCTURE AND METHOD FOR DETECTION OF PHYSICAL INTERFERENCE DURING TRANSPORT OF AN ARTICLE**, for which, on even date herewith, the **ASSIGNOR** executed an application for United States Letters Patent;

WHEREAS, the **ASSIGNEE**, **International Business Machines Corporation**, **New Orchard Road, Armonk, New York 10504**, a corporation organized and existing under and by virtue of the laws of the State of New York, is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the **ASSIGNEE** the **ASSIGNOR'S** entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said patent application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that **ASSIGNOR** shall be legally bound, upon request and at the expense of the **ASSIGNEE** or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments and do such other acts as may be necessary and proper to patent the invention in the United States of America and foreign countries in the name of the assignee and to execute all instruments proper to carry out the intent of this instrument.

Because **ASSIGNOR** includes more than one person, these obligations shall apply to those persons both individually and collectively.

**ASSIGNOR** hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

ASSIGNOR #1:

Typed Name: **Arne W. Ballantine**

Arne W. Ballantine

Signature

Signed At: ESSEX JUNCTION, VERMONT

Date: 8/27/98

ASSIGNOR #2:

Typed Name: **Emily E. Fisch**

Emily E. Fisch

Signature

Signed At: Essex Junction, VT

Date: 8/28/98

ASSIGNOR #3:

Typed Name: **Ronald A. Warren**

Ronald A. Warren

Signature

Signed At: ESSEX JUNCTION, VT

Date: 08/31/98