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FINANCE SECTION



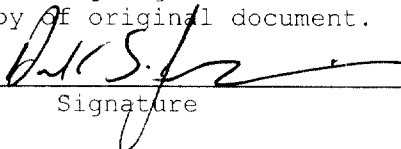
To The Honorable **102451188** rademarks:
Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Walter HIRT S-14-03</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: International Business Machines Corporation Address: New Orchard Road Armonk, NY 10504</p> <p>Additional name(s) & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment</p> <p>Execution Date(s): <u>January 29, 2003</u></p>	<p>4. Patent Application number(s) 10/328,133</p> <p>Execution Date(s): <u>January 29, 2003</u></p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: Louis P. Herzberg Address: IBM Corporation Intellectual Property Law P.O. Box 218 Yorktown Heights, NY 10598</p>	<p>6. Total number of applications involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40.00</p> <p><input checked="" type="checkbox"/> Charge to Deposit Account No.: <u>09-0468</u></p>

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8. 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 original document.

Derek S. Jennings (Reg. 41,473)  May 12, 2003
Name of Person Signing Signature Date

05/16/2003 DEBYNE 00000113 090468 102451188 To the number of pages including cover sheet, attachments, and document: 2
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Assignment

Whereas, we

INVENTOR
AND CITY

(1) Walter Hirt
CH-8907 Wettswil,

of Hinderweidstrasse 29,
Switzerland

TITLE

have invented certain improvements in
DETERMINING A TIME OF ARRIVAL OF A SENT SIGNAL

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

and executed, respectively, a United States patent application therefor on
(1) 29 January 2003.

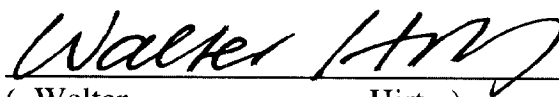
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

CITY AND
DATE

(1) at Rüslikon
on 29 Jan 2003,



(Walter Hirt)
FIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE
INVENTOR