U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Docket No. ROC920040351US1

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| To the Commissioner for Patents. Please record the attached original documents or copy thereof. | |
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| Name of conveying party(les): | Name and address of receiving party(ies): |
| (1) John Michael Attinella (2) Larry J. Cravens (3) Michael James Denney (4) Edwin C. Grazier (5) Jay Paul Kurtz (6) David Ferguson Legler | Name: <u>International Business Machines Corporation</u> Internal Address: |
| Additional names of conveying party(ies) attached? ☐ yes | Street Address: New Orchard Road |
| 3. Nature of Conveyance | City Armonk State New York Zip10504 |
| | Additional name(s) & address(es) attached? yes no |
| Execution Date: (1) 08/01/2005; (2) 08/25/2005; (3) 07/26/2005; (4) 08/10/2005; (5) 08/24/2005; and (6) 07/26/2005 4. Application number(s) or patent number(s): | |
| TITLE: VIRTUAL FLIGHT RECORDER HOSTED BY SYSTEM TRACING FACILITY If this document is being filed together with a new application, the execution date of the application is | |
| A. Patent Application No(s). | Patent No(s). |
| Serial No. 11/211,951 Docket No. ROC920040351US1 | |
| Additional numbers attached? Yes No | |
| Name and address of party to whom correspondence concerning document should be malled: | Total number of applications and patents involved: 1 |
| James B. Nock Attamer | 7. Total fee (37 CFR 3.41): \$_40.00 |
| James R. Nock, Attorney IBM Corporation - Dept. 917 | ☐ Enclosed |
| 3605 Highway 52 North Rochester, MN 55901-7829 | ☑ Authorized to be charged to deposit account ☑ Total fee due ☑ Any deficiencles in the enclosed fees |
| | 8. Deposit account number: |
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| l_{\bullet} , $l_{\bullet} = l_{\bullet} = l_{\bullet}$ | |
| James R. Nock, Reg. No. 42,937 Name of Person Signing Signature Signature September 15, 2005 Date Total number of pages comprising cover sheet: _1 | |
| Y Total nothber of pages comprising cover sheet: | |

ASSIGNMENT

WHEREAS, we, John Michael Attinella, residing at 4407 Stratford Lane NW. Rochester.

Minnesota 55901; Larry J. Cravens, residing at 51159 200th Avenue. Pine Island. Minnesota 55963;

Michael James Denney, residing at 6455 County Road 105 NW. Byron. Minnesota 55920;

Edwin C. Grazier, residing at 10744 County Road 115 SW. Stewartville, Minnesota 55976; Jay Paul Kurtz, residing at 6906 Autumn Court NW. Rochester. Minnesota 55901; and David Ferguson Legler, residing at 1664 Koenigs Lane NW. Rochester. Minnesota 55901, MADE certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States on August 1, 2005, August 25, 2005, July 26, 2005, August 10, 2005, August 24, 2005, and July 26, 2005, respectively, which is entitled VIRTUAL FLIGHT RECORDER HOSTED BY SYSTEM TRACING FACILITY.

AND WHEREAS, <u>INTERNATIONAL BUSINESS MACHINES CORPORATION</u>, a corporation organized and existing under and by virtue of the laws of the State of <u>New York</u>, and having an office and place of business at <u>New Orchard Road</u>. <u>Armonk</u>. <u>New York 10504</u> (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions 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 inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver 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 us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and

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PATENT REEL: 016807 FRAME: 0752 interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

8/1/2005

John Michael Attinella

8/25/2005

Larry J. Cravens

7/26/2005-

Michael James Denney

8/10/7005

Edwin C. Grazier

8/24/2005

Jay Raul Kurtz

7/26/05

David Ferguson Legler

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