Form PTO-1595 RECORDATION FORM SOVER SHE (Rev. 06/04) 08-04-2005

partment of Commerce & Trademark Office

Docket No. 025780-00001 Jgust 1, 2005

A MOD	103054467	ugust 1, 2005
To the Director of the SREGERIT and T	rademark Office: Please re	cord the attached documents or the new address(es) below.
Name of conveying party(ies)/Execution Da	ate(s):	Name and address of receiving party(ies):
C Bank		Name: Advance Information Technology, Inc.
and a Date And 07, 0004		Address CO10 Devises Chast

Name of conveying party(les)/Execution Date(s):	2. Name and address of receiving party(ies):
PNC Bank	Name: Advance Information Technology, Inc.
Execution Date: April 27, 2001	Address: 6912 Benjamin Street McLean, VA 22101-1504, USA
Additional name(s) of conveying party(ies) attached?	Additional name(s) & address(es) attached?
A. Patent Application No.(s) 09/784,330	B. Patent No.(s)
Additional numbers attached	d? ☐ Yes ☑ No
Name and address of party to whom correspondence concerning decument should be mailed:	6. Total number of applications and patents involved: One
 document should be mailed: Name: Arent Fox PLLC Street Address: 1050 Connecticut Avenue, N.W., Suite 400 Washington, D.C. 20036-5339 Tel. No.: 202-857-6000 Fax No.: 202-638-4810 	7. Total fee (37 CFR 1.21(h) & 3.41)
Email Address: dcipdocket@arentfox.com	8. Payment Information a. Credit Card Last 4 Numbers: Expiration Date: b. Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by deposit account) Authorized User Name:
DO NOT USE TH	IIS SPACE
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.
Juliana Haydoutova	August 1, 2005
Name of Person Signing Reg. No. 43,313 Total number of	pages including cover sheet, attachments, and document: 3

08/03/2005 6T0M11 00000183 09784330 01 FC:8021 40.00 0 PATENT ASSIGNMENT

WHEREAS, PNC Bank, National Association, having a mailing address at 222 Delaware

Avenue, 18th Floor, Wilmington, Delaware 19899, (hereinafter referred to as the "assignor") is

the owner of a certain application for Letters Patent in the United States of America (which is

hereinafter referred to as "Letters Patent") of the inventions herein disclosed as set forth in

EXHIBIT A hereof; and

WHEREAS, Avance Information Technology, Inc., a corporation organized and existing under

the laws of the state of Virginia and having its chief executive office at 6912 Benjamin Street,

McLean, Virginia 22101-1504 (hereinafter referred to as the "assignee") desires to acquire the

entire interest in said Letters Patent and inventions;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby

acknowledged, the said assignor has sold, assigned, transferred and set over, and by these

presents does sell, assign, transfer and set over, unto the said assignee, its successors, legal

representatives and assigns, its entire right, title and interest in and to said Letters Patent, as set

forth in EXHIBIT A hereof, and any and all Letters Patent or Patents in the United States of

America and all foreign countries which may be granted therefor and thereon, and in and to any all

divisions, continuations, and continuations-in-part of said Letters Patent, or reissues or extensions

of said Letters Patent or Patents, and all rights under the International Convention for the

Protection of Industrial Property, the same to be held and enjoyed by the said assignee, for its

own use and behoof and the use and behoof of its successors, legal representatives and assigns, to

the full end of the term or terms for which said Letters Patent or Patents may be granted, as fully

PATENT

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and entirely as the same would have been held and enjoyed by the said assignor, had this sale and

assignment not been made;

AND for the same consideration, the said assignor hereby covenants and agrees to and with the

said assignee, its successors, legal representatives and assigns, that, at the time of execution and

delivery of these presents, the said assignor believes that it is the sole and lawful owner of the

entire right, title and interest in and to said inventions and the Letters Patent or Patents

above-mentioned and that the same are unencumbered and that the said assignor has good and full

right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the said assignor hereby covenants and agrees to and with the

said assignee, its successors, legal representatives and assigns that said assignor by this assignment

is transferring to said assignee whatever only rights, title and interest to said Letters Patent and

inventions held by said assignor;

AND for the same consideration, the said assignor hereby covenants and agrees to and with the

said assignee, its successors, legal representatives and assigns, that the assignor will, wherever

counsel of the assignee or the counsel of its successors, legal representatives and assigns shall

advise that any proceeding in connection with said inventions, or said Letters Patent or Patents, or

in any proceeding in connection with Letters Patent for said inventions in any country, including

interference proceedings, is lawful and desirable, or that any division, continuation or

continuation- in-part of any application for Letters Patent, or any reissue or extension of any

Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take

all lawful oaths, and do all acts necessary, required or desirable to be done for the filing,

prosecution, assignment, maintenance, enforcement and defense of said Letters Patents for said

PATENT

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inventions, without charge to the said assignee, its successors, legal representatives and assigns, but at the cost and expense of the said assignee, its successors, legal representatives and assigns.

AND said assignor hereby requests the Commissioner of Patents to issue said Letters Patent or Patents of the United States to the said assignee, as the assignee of said inventions and the Letters Patent or Patents to be issued thereon for the sole use and behoof of the said assignee, its successors, legal representatives and assigns.

PNC BANK, NATIONAL ASSOCIATION

Dated: 127 2001

Name: Phentoghe h Drinder
Title: Wer President

STATE OF Delaware

COUNTY OF New Costle) so

Before me this day of April, 2001, personally appeared in the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Notary Public
My Commission Expires:

RECORDED: 08/01/2005

LOUISE A. RISPOLI
NOTARY PUBLIC
STATE OF DELAWARE
My Commission Expires Feb. 28, 2004

3