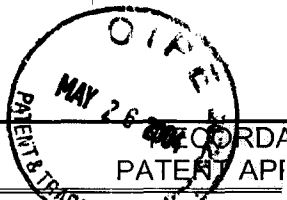


BOX ASSIGNMENTS



06-01-2004

OT USE FOR TRADEMARKS



102755270

TO THE DIRECTOR OF THE U.S. PATENT AND  
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENT.

F.

## 1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)):

1. Greg VISALLY;
2. Douglas MORRISON;
3. Roy BODAYLA

5-26-04

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED?

☐ YES☒ NO

## 2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: TSYS Acquisition Corp.

ADDRESS: 275 West Street, Suite 400, Annapolis, Maryland 21401

ADDITIONAL NAME(S) &amp; ADDRESS(ES) ATTACHED?

☐ YES☒ NO

## 3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation – multiple copies of same Assignment signed by different inventors is one document.)☒ ASSIGNMENT OF:☒ WHOLE☐ PART INTEREST

EXEC. DATE: January 13, 2004

☐ CHANGE OF NAME☐ VERIFIED TRANSLATION☐ SECURITY☐ MERGER☐ OTHER:

## 4. EXECUTION DATES(S) ON THE DECLARATION IF FILED HEREWITH:

(NOTE: IF DATES ↑↓ DIFFER, SEE ATTORNEY!!)

## 4.5 APPL. OR PATENT NUMBER(S) – OTHERS ON ADD'L SHEET(S) ATTACHED?

☐ YES☒ NOA. PAT. APP. NO.(S)  
series code/serial no.

MATTER #

1ST INVENTOR if  
not in item 1

B. PATENT NO(S)

MATTER #

1ST INVENTOR  
if not in item 1

09/985,878

20-556

VISSALY

5. Name & Address of Party to Whom Correspondence  
Concerning Document Should be Mailed:

MANELLI DENISON &amp; SELTER PLLC

2000 M Street, NW Suite 700

Washington, DC 20036

## 6. NUMBER INVOLVED:

APPLNS 1 + PATS = TOTAL 1

## 7. AMOUNT OF FEE ENCLOSED: (Code 581) .....

ABOVE TOTAL X \$40 = \$40

## 5.5 ATTORNEY DOCKET:

8. IF ABOVE FEE IS MISSING OR INADEQUATE, CHARGE  
INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 50-0687

20-556

VISSALY

UNDER ORDER NO: 20-556

VISSALY

MATTER NO.

CLIENT REFERENCE

duplicate sheet not required

CLIENT/MATTER

## 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.

Attorney: William H. Bollman

Reg. No. 36,457

WHB/jtm

10. Total number of pages including this  
cover sheet, attachments and document  
(do not file duplicate cover sheet)

5

DATE: May 26, 2004

FAX: (202) 887-0336

TEL. (202) 261-1020

FILE WITH PTO RETURN RECEIPT

05/28/2004 MGETACHE 00000079 09985876

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40.00 OP

PATENT  
REEL: 015374 FRAME: 0309

## PATENT ASSIGNMENT

This Patent Assignment is delivered pursuant to the Closing under that certain Purchase Agreement, as amended, (the "**Agreement**") dated as of December 18, 2003, between Aether Systems, Inc., as the "**Seller**", and TSYS Acquisition Corp., as the "**Purchaser**". Capitalized terms used in this Patent Assignment have the same meanings given to them in the Agreement.

The Seller has delivered this instrument signed by the Seller to enable the Purchaser to file it with any appropriate governmental agency to indicate ownership of the Patents described below and for the other purposes set forth in this instrument. This instrument supplements and is in addition to all other rights of the Purchaser under the Agreement and other instruments of transfer delivered in connection with the Agreement.

For good and valuable consideration, receipt of which the Seller acknowledges, and by signing and delivering this instrument, the Seller sells, assigns, transfers, conveys, and delivers to the Purchaser all of the Seller's right, title, and interest in and to:

(a) the patents and patent applications specifically listed in Annex A to this Patent Assignment; and

(b) the following properties and rights with respect to all patents and patent applications so listed in Annex A:

(1) the inventions claimed or described in the patents or applications,

(2) any patents in the United States and anywhere else in the world and patent applications that have been or may be granted or filed, respectively, with respect to those inventions, including without limitation all foreign patents that may claim priority based on and correspond to the patents listed in Annex A,

(3) all divisions, renewals, reissues, continuations, extensions, and continuations-in-part of the foregoing patents,

(4) all income, royalties, damages, and payments due or payable to the Seller with respect to the patents, including without limitation unpaid damages and payments for past, present, and future infringements of any patent, and

(5) all rights to sue and recover damages and payments for past, present, and future infringements of any of the patents, including the right to fully and entirely replace the Seller in all related matters.

The foregoing rights in and under the patents shall apply to the full end of their terms as fully as the Seller would have held the same in the absence of this assignment. As of the date set forth below, the Purchaser has succeeded to all right, title, and standing of the Seller to (a) receive all rights and benefits pertaining to the patents described above, and (b) commence, prosecute, defend and settle all claims and take all actions that the Purchaser, in its sole discretion, may elect in relation to the patents and rights described above. This Patent Assignment (a) is irrevocable and effective upon the Seller's signature to and delivery of a manually signed copy of this instrument or facsimile or email transmission of the signature to this instrument in connection with the Closing, if and only if the Closing is completed, (b) benefits and binds the parties to the Agreement and their respective successors and assignees, (c) does not modify or affect,

and is subject to, the provisions of the Agreement, and (d) may be signed in counterparts as provided in Section 12.12 of the Agreement.

The undersigned has signed this Patent Assignment on January 13, 2004.

Aether Systems, Inc.:

By: [Signature]  
Name: David S. Oros  
Title: Chief Executive Officer

STATE OF MARYLAND

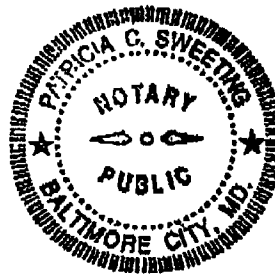
COUNTY OF Baltimore  
City

On \_\_\_\_\_ before me, Patricia C. Sweeting (the undersigned notary), personally appeared David S. Oros personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[Signature]  
Notary Public

[seal]



## Annex A

| TITLE                                                                                                                                                 | FILING DATE | SERIAL #   | ISSUE DATE | PATENT #      | OWNER/DIVISION              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|------------|---------------|-----------------------------|
| Method and System for Providing Formatted Information via a 2-Way Communication System                                                                |             |            | 10/16/01   | US6,304,746B1 | Aether Systems, Inc./EMS    |
| Method and System for Conducting Real-Time Electronic Commerce                                                                                        |             |            | 07/1/03    | US6,587,838   | Aether Systems, Inc./EMS    |
| Transmitting Updated Information                                                                                                                      |             |            | 01/04/2000 | 6,011,954     | Sila Technology Limited/EMS |
| IPX/Data transmission (Danish patent - 'Fremgangsmåde til transmission af data fra en sender til en eller flere modtagere')                           |             |            | 1/13/1997  | PR171571      | Sila Technology Limited/EMS |
| IPX/Data transmission (Registered EP - designated country: Germany)(A Method of Transmitting Data from a Transmitter to One or More Receivers)        |             |            | 5/3/2000   | EP 0731964    | Sila Technology Limited/EMS |
| IPX/Data transmission (Registered EP - designated country: France)(A Method of Transmitting Data from a Transmitter to One or More Receivers)         |             |            | 5/3/2000   | EP 0731964    | Sila Technology Limited/EMS |
| IPX/Data transmission (Registered EP - designated country: United Kingdom)(A Method of Transmitting Data from a Transmitter to One or More Receivers) |             |            | 5/3/2000   | EP 0731964    | Sila Technology Limited/EMS |
| Method for Providing Vendor Notification Marketing in Electronic Communication Network                                                                | 01/25/99    | 09/236,510 |            |               | Aether Systems, Inc./EMS    |
| Apparatus for Providing Vendor Notification                                                                                                           | 01/25/99    | 09/237,289 |            |               | Aether Systems, Inc./EMS    |
| Method and Apparatus for Storing Real-Time Text Messages                                                                                              | 8/30/2001   | 09/941,582 |            |               | Aether Systems, Inc./EMS    |
| System for Automated, Mid-Session, User-Directed, Device-to-Device Session Transfer System                                                            | 9/17/2001   | 09/953,408 |            |               | Aether Systems, Inc./EMS    |

<sup>1</sup> EP = European Patent

| TITLE                                                                                                                                                                                 | FILING DATE | SERIAL #   | ISSUE DATE | PATENT # | OWNER/DIVISION            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|------------|----------|---------------------------|
| Multikeyed Table Implementable on a Personal Digital Assistant System, Method and Computer Program Product for Providing Server Discovery Services during a Startup Sequence          | 10/16/2000  | 09/688,160 |            |          | Aether Systems, Inc./FEMS |
| System and Method for Re-Directing Requests from Browsers for Communication over Non-IP Based Networks                                                                                | 10/30/2000  | 09/698,181 |            |          | Aether Systems, Inc./FEMS |
| System and Method for Developing Applications in Wireless and Wireline Environments                                                                                                   | 11/3/2000   | 09/704,535 |            |          | Aether Systems, Inc./FEMS |
| Site Mining Stylesheet Generator                                                                                                                                                      | 12/15/2000  | 09/736,167 |            |          | Aether Systems, Inc./FEMS |
| Run-Time Engine Implemented on a Computing Device Allowing Synchronization of Records during Application Execution                                                                    | 10/16/2000  | 60/240,087 |            |          | Aether Systems, Inc./FEMS |
| Messaging Method and Apparatus for Sending and Receiving Messages in a Client Server Environment over Multiple Wireless and Wireline Networks                                         | 10/24/2000  | 09/694,297 |            |          | Aether Systems, Inc./FEMS |
| System and Method to Publish Information from Servers to Remote Monitor Devices                                                                                                       | 1/24/2001   | 09/767,951 |            |          | Aether Systems, Inc./FEMS |
| A System and Method for Servers to Send Alerts to Connectionless Devices                                                                                                              | 11/28/2000  | 09/723,285 |            |          | Aether Systems, Inc./FEMS |
| A System, Method and Computer Program Product for Maintaining Program State over Wireless Networks that Dynamically Workload Balance Messages Across Multiple Servers                 | 1/23/2001   | 09/767,266 |            |          | Aether Systems, Inc./FEMS |
| A Method and System for Deploying Content to Wireless Devices                                                                                                                         | 11/13/2000  | 09/709,487 |            |          | Aether Systems, Inc./FEMS |
| Messaging Method and Apparatus for Routing Messages in a Client Server Environment over Multiple Wireless and Wireline Networks                                                       | 12/20/2000  | 09/739,844 |            |          | Aether Systems, Inc./FEMS |
| Messaging Method and Apparatus including a Protocol Stack that Corresponds Substantially to an Open System Interconnect (OSI) Model and Incorporates a Simple Network Transport Layer | 12/20/2000  | 09/740,040 |            |          | Aether Systems, Inc./FEMS |
| Web Page Content Translator                                                                                                                                                           | 11/8/2000   | 09/707,770 |            |          | Aether Systems, Inc./FEMS |
| System, Method and Apparatus for Automatically and Dynamically Updating Options, Features, and/or Services Available to a Client Device                                               | 3/10/2000   | 09/523,168 |            |          | Aether Systems, Inc./FEMS |
| Service Chaining: a Mechanism for Optimizing the Invocation of Computer Based Services Deployed in a Distributed Computing Environment                                                | 12/27/2001  | 10/026,887 |            |          | Aether Systems, Inc./FEMS |
| System for Efficiently Handling Cryptographic Messages Containing Nonce Values in a Wireless, Connectionless Environment without Compromising Security                                | 8/21/2001   | 09/932,982 |            |          | Aether Systems, Inc./FEMS |

| TITLE                                                                                                                                                                 | FILING DATE | SERIAL #                   | ISSUE DATE | PATENT #    | OWNER/DIVISION              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------|------------|-------------|-----------------------------|
| System and Method for Automated, Software-Based Session Coordination of Data into a Single Session Context                                                            | 10/8/2002   | 10/265,740                 |            |             | Aether Systems, Inc./EMS    |
| Run-Time Engine Implemented on a Computing Device Allowing Synchronization of Records during Application Execution                                                    | 10/16/2001  | 09/977,686                 |            |             | Aether Systems, Inc./EMS    |
| System for a Configurable Open Database Connectivity Conduit                                                                                                          | 11/6/2001   | 09/985,879                 |            |             | Aether Systems, Inc./EMS    |
| System for an Open-Architecture Development Platform with Centralized Synchronization                                                                                 | 11/6/2001   | 09/985,878                 |            |             | Aether Systems, Inc./EMS    |
| System for a Run-Time Engine Capable for Pager Capable Remote Device                                                                                                  | 11/6/2001   | 09/985,880                 |            |             | Aether Systems, Inc./EMS    |
| Routing Protocol Selection for an Ad Hoc Network                                                                                                                      | 12/28/2001  | 10/028,267                 |            |             | Aether Systems, Inc./EMS    |
| System, Method and Apparatus for Utilizing Transaction Databases in a Client-Server Environment                                                                       | 10/11/2002  | 10/268,665                 |            |             | Aether Systems, Inc./EMS    |
| Run-time Engine Implemented on a Computing Device Allowing Synchronization of Records during Application Execution                                                    | 10/16/2001  | PCT/US01/3219              |            |             | Aether Systems, Inc./EMS    |
| System for Optimizing the Invocation of Computer-Based Services Deployed in a Distributed Computer Environment                                                        | 12/27/2002  | PCT/US02/4149 <sup>2</sup> |            |             | Aether Systems, Inc./EMS    |
| Routing Protocol Selection for an Ad Hoc Network                                                                                                                      | 12/27/2002  | PCT/US02/4149 <sup>1</sup> |            |             | Aether Systems, Inc./EMS    |
| IFX/Datatransmission (EP Application; divisional application based on EP 0731964)                                                                                     | 12/7/1994   |                            |            | 99202686.4  | Sila Technology Limited/EMS |
| Sila (EP Application; EP regional phase of PCT/DK00/00363; 'Method of Transmitting Data Items to a Number of Mobile Stations, a Mobile Station and a Storage Module') | 7/4/2000    |                            |            | 00941946.6  | Sila Technology Limited/EMS |
| Sila (EP Application; EP regional phase of PCT/DK00/00364; 'Method of Transmitting Data Items to a Number of Mobile Stations, a Mobile Station and a Storage Module') | 7/4/2000    |                            |            | 00941947.4  | Sila Technology Limited/EMS |
| IFX - Danish Patent Application (divisional application based on Danish Patent No. PR.171571)                                                                         | 7/20/1995   |                            |            | PA199500850 | Sila Technology Limited/EMS |
| Sila - Norwegian Patent Application (national phase of PCT/DK00/00363)                                                                                                | 7/4/2000    |                            |            | 20016416    | Sila Technology Limited/EMS |
| Sila - Norwegian Patent Application (national phase of PCT/DK00/00364)                                                                                                | 7/4/2000    |                            |            | 20016421    | Sila Technology Limited/EMS |

<sup>2</sup> In December 2003 foreign patent counsel submitted paperwork to the relevant patent registries to record the change in name from Sila Technology Limited to Aether Technology Limited, for those patent applications listed in this section as being owned by Sila Technology Limited.