

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
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<b>Property Type</b>	<b>Number</b>
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<b>SIGNATURE:</b>	/Christopher P Harris/
<b>DATE SIGNED:</b>	04/16/2014
<b>Total Attachments: 5</b>	
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PATENT

## 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

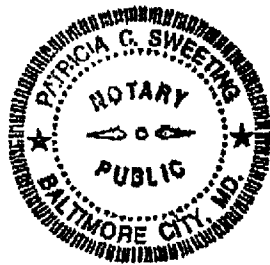
STATE OF MARYLAND  
COUNTY OF Baltimore  
City

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.

Patricia C. Sweeting  
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
IFX/Data transmission (Danish patent - <i>Freemangsmåde til transmission af data fra en sender til en eller flere modtagere</i> )			1/13/1997	PA171571	Sila Technology Limited/EMS
IFX/Data transmission (Registered EP <sup>1</sup> - designated country: Germany) <i>A Method of Transmitting Data from a Transmitter to One or More Receivers</i>			5/3/2000	EP 0731964	Sila Technology Limited/EMS
IFX/Data transmission (Registered EP - designated country: France) <i>A Method of Transmitting Data from a Transmitter to One or More Receivers</i>			5/3/2000	EP 0731964	Sila Technology Limited/EMS
IFX/Data transmission (Registered EP - designated country: United Kingdom) <i>A Method of Transmitting Data from a Transmitter to One or More Receivers</i>			5/3/2000	EP 0731964	Sila Technology Limited/EMS
Method for Providing Vendor Notification Marketing in Electronic Communication Network	01/25/99	09/236,310			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
Multitimed 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	11/8/2000	09/707,960			Aether Systems, Inc./FEMS
System and Method for Developing Applications in Wireless and Wireline Environments	10/30/2000	09/698,181			Aether Systems, Inc./FEMS
Site Mining Stylsheet Generator	11/3/2000	09/704,535			Aether Systems, Inc./FEMS
Run-Time Engine Implemented on a Computing Device Allowing Synchronization of Records during Application Execution	12/15/2000	09/736,167			Aether Systems, Inc./FEMS
Messaging Method and Apparatus for Sending and Receiving Messages in a Client Server Environment over Multiple Wireless and Wireline Networks	10/15/2000	60/740,087			Aether Systems, Inc./FEMS
System and Method to Publish Information from Servers to Remote Monitor Devices	10/24/2000	09/694,297			Aether Systems, Inc./FEMS
A System and Method for Servers to Send Alerts to Connectionless Devices	1/24/2001	09/767,951			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	11/28/2000	09/723,285			Aether Systems, Inc./FEMS
A Method and System for Deploying Content to Wireless Devices	1/23/2001	09/767,266			Aether Systems, Inc./FEMS
Messaging Method and Apparatus for Routing Messages in a Client Server Environment over Multiple Wireless and Wireline Networks	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	10265,740			Aether Systems, Inc./EMIS
Run-Time Engine Implemented on a Computing Device Allowing Synchronization of Records during Application Execution	10/16/2001	097977,686			Aether Systems, Inc./EMIS
System for a Configurable Open Database Connectivity Conduit	11/6/2001	097985,879			Aether Systems, Inc./EMIS
System for an Open-Architecture Development Platform with Centralized Synchronization	11/6/2001	097985,878			Aether Systems, Inc./EMIS
System for a Run-Time Engine Capable for Pager Capable Remote Device	11/6/2001	097985,880			Aether Systems, Inc./EMIS
Routing Protocol Selection for an Ad Hoc Network	12/28/2001	10028,267			Aether Systems, Inc./EMIS
System, Method and Apparatus for Utilizing Transaction Databases in a Client-Server Environment	10/11/2002	107268,665			Aether Systems, Inc./EMIS
Run-time Engine Implemented on a Computing Device Allowing Synchronization of Records during Application Execution	10/16/2001	PCT/US01/3219			Aether Systems, Inc./EMIS
System for Optimizing the Invocation of Computer-Based Services Deployed in a Distributed Computer Environment	12/7/2002	PCT/US02/4149			Aether Systems, Inc./EMIS
Routing Protocol Selection for an Ad Hoc Network	12/7/2002	PCT/US02/4149			Aether Systems, Inc./EMIS
IPX/Date Transmission (EP Application; divisional application based on EP 0731964)	12/2/1994			99202686.4	Sila Technology Limited/EMIS
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/EMIS
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/EMIS
IPX - Danish Patent Application (divisional application based on Danish Patent No. PR.171571)	7/20/1995			PA.199500850	Sila Technology Limited/EMIS
Sila - Norwegian Patent Application (national phase of PCT/DK00/00363)	7/4/2000			20016416	Sila Technology Limited/EMIS
Sila - Norwegian Patent Application (national phase of PCT/DK00/00364)	7/4/2000			20016421	Sila Technology Limited/EMIS

2 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.