501990041 07/16/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Aether Systems, Inc.	01/13/2004

RECEIVING PARTY DATA

Name:	TSYS Acquisistion Corp.
Street Address:	275 West Street
Internal Address:	Suite 400
City:	Annapolis
State/Country:	MARYLAND
Postal Code:	21401

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13549975

CORRESPONDENCE DATA

Fax Number:

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

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Address Line 2: 2000 M Street, N.W. 7th Floor

Address Line 4: Washington, DISTRICT OF COLUMBIA 20036-3307

ATTORNEY DOCKET NUMBER:	40030
NAME OF SUBMITTER:	William H. Bollman

Total Attachments: 5

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> PATENT REEL: 028558 FRAME: 0001

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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 Amex 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 3, 2004.

Aether Systems, Inc.:

Name: David S. Oros

Title: (Chief Executive Officer

STATE OF MARYLAND

COUNTY OF Batter

on before me, Patricia C Surefulthe undersigned notary), personally appeared Deris 5.0 ees 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 appropriated to me that he 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.

WIINESS my hand and official seal.

Notary Public

[seal]

PATENT

REEL: 028558 FRAME: 0003

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PATENT REEL: 028558 FRAME: 0004

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Multikeyed Table Implementable on a Personal Digital Assistant 10/16/2000	00 09/688.160		
-	\dashv		Aether Systems, Ino/ENS
System and Method for Re-Directing Requests from Browsers for 10/30/2000 Communication over Non-IP Based Networks	00 09/698,181		Aether Systems, Inc./EMS
System and Method for Developing Applications in Wireless and 11/3/2000 Wireline Environments	09/704,535		Aethor Systems, Inc./EMS
Site Miming Stylesheet Generator 12/15/2000	00 09/736,167		Aether Systems Inc./RMS
Kith-Lime Engine Implemented on a Computing Device Allowing 10/16/2000 Synchronization of Records during Application Execution		-	Aether Systems, Inc./EMS
Messaging Method and Apparatus for Sending and Receiving 10/24/2000 Messages in a Client Server Environment over Multiple Wireless and Wireline Networks	09/694,297		Aether Systems, Inc./EMS
System and Method to Publish Information from Servers to Remote (1/24/2001 Monitor Devices	1 09/767,951		Aether Systems, Inc./EMS
A System and Method for Servers to Send Alerts to Connectionless 11/28/2000 Devices	09/723,285		Aether Systems, Inc./EMS
A System, Method and Computer Program Product for Maintaining 1/23/2001 Program State over Wireless Networks that Dynamically Workload Balance Messages Across Multiple Servers	1 09/767,266		Aether Systems, Inc./EMS
rices	0 09/709,487		Aother Systems, Inc./EMS
Networks 12/20/2000 Client Server Environment over Multiple Wireless and Wireline Networks	09/739,844		Aether Systems, Inc./BMS
Messaging Method and Apparatus including a Protocol Stack that [2/20/2000] Corrasponds Substantially to an Open System Interconnect (OSI) Model and Incorporates a Simple Network Transport Layer	0 09/740,040		Aether Systems, Inc./EMS
	H		Aether Systems, Inc./EMS
, t			Aether Systems, Inc./EMS
Service Chaining: a Mechanium for Opdimizing the Invocation of 12/27/2001 Computer Based Services Deployed in a Distributed Computing Environment	1 10/026,887		Aether Systems, Inc./EMS
System for Efficiently Handling Cryptographic Messages 8/21/2001 Containing Nonce Values in a Wireless, Connectionless Environment without Compromising Security	09/932,982		Aether Systems, Inc/EMS

PATENT REEL: 028558 FRAME: 0005

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	DATE.		Asther Systems, Inc./EMS
Kun-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			Late Out - Year
System for an Open Architecture Development Platform with Centralized Synchronization	11/6/2001	09/985,878		,	Aether Systems, Inc./EMS Aether Systems, Inc./EMS
System for a Run-Time Engine Capable for Pager Capable Remote Device	11/6/2001	09/985,880			Asther Systems, Inc./EMS
Routing Protocol Selection for an Ad Hoc Network	12/28/2001	10/028,267			1.4.5.4.7.7.10
System, Method and Apparatus for Utilizing Transaction Databases in a Cilent-Server Environment	10/11/2002	10/268,665			Aether Systems, Inc./EMS Aether Systems, Inc./EMS
bribilit wir auch einer aufer eine der der der	X1747 X17		THE PERSON	COLUMN TO SERVICE SHAPE	
Run-time Engine Implemented on a Computing Device Allowing Synchronization of Records during Application Execution	10/16/2001	PCT/US01/3219	er parties		Aether Systems, Inc./EMS
System for Optimizing the Invocation of Computer-Based Sarvices Deployed in a Distributed Computer Environment	12/272002	PCT/US02/4149			Aether Systems, Inc./EMS
Routing Protocol Selection for an Ad Hoc Network	12/27/2002	PCT/US02/4149			Aether Systems, Inc./EMS
IFX/Datatransmission (EP Application; divisional application based on EP 0731964)	12/2/1994	•		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	ť		00941946.6	Sila Technology Limited/EMS
Sile (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(71571)	7/20/1995			PA199500850	Sila Technology Limited/EMS
Sila - Norwegian Patant Application (national phase of PCT/DK00/00363)	7/4/2000			20016416	Sila Technology Limited/EMS
Sila - Norwegian Palent Application (national phase of PCT/DK00/00364)	7/4/2000			20016421	Sila Technology Limited/HMS

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

PATENT REEL: 028558 FRAME: 0006

RECORDED: 07/16/2012