

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3669970

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	MERGER	
EFFECTIVE DATE:	09/03/2015	
CONVEYING PARTY DATA		
	Name	Execution Date
	UMBRA CELLULAR, LIMITED LIABILITY COMPANY	09/03/2015
RECEIVING PARTY DATA		
Name:	TAMIRAS PER PTE. LTD., LLC	
Street Address:	160 GREENTREE DRIVE	
Internal Address:	SUITE 101	
City:	DOVER	
State/Country:	DELAWARE	
Postal Code:	19904	
PROPERTY NUMBERS Total: 2		
Property Type	Number	
Patent Number:	7771202	
Patent Number:	7931472	
CORRESPONDENCE DATA		
Fax Number:	(425)679-0580	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Email:	ivrecording@intven.com	
Correspondent Name:	MEYERTONS HOOD KIVLIN KOWERT&GOETZEL PC	
Address Line 1:	1120 S. CAPITAL OF TEXAS HWY.	
Address Line 2:	BUILDING 2, SUITE 300	
Address Line 4:	AUSTIN, TEXAS 78746	
NAME OF SUBMITTER:	LEE BRADLEY	
SIGNATURE:	/Lee Bradley/	
DATE SIGNED:	12/22/2015	
Total Attachments: 13		
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Delaware

PAGE 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"ADDAX CELLULAR NV L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"AKIMBO DATA DEVELOPMENT LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"ANNEAL DEVELOPMENT, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"ANOCNTROLS LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"APODICTIC TECHNOLOGIES L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"ARMADA NETWORKING LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"BARTANVA DRIO DATA, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"BENASSI TRANSFER L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"BIBIM ASSETS LIMITED LIABILITY COMPANY", A DELAWARE LIMITED

4608198 8100M

151255919




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 2703653

DATE: 09-03-15

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PATENT
REEL: 037350 FRAME: 0012

Delaware

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The First State

LIABILITY COMPANY,

"BORICHA FOUNDATION L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"BRINDLE DATA L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"CAMEMBERT DEVELOPMENT LIMITED LIABILITY COMPANY", A
DELAWARE LIMITED LIABILITY COMPANY,

"CAPRICCIO AUDIO LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"CAVESSON SOFTWARE LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"CLINQUANT SOLUTIONS LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"CONSALLUS GROUP L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"CORILLI CAPITAL LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

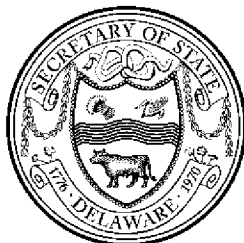
"DI-WALKOR III SERVICES LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"ECHIDNA WIRELESS LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"EHN SPIRE LIMITED LIABILITY COMPANY", A DELAWARE LIMITED

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LIABILITY COMPANY,

"ENERGICO ACQUISITIONS L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"ENTELECHY ASSETS LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"ESPRESSIVO ACQUISITIONS LIMITED LIABILITY COMPANY", A
DELAWARE LIMITED LIABILITY COMPANY,

"FERLY NETWORKING L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"FERMATA ASSETS LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"FLORESCERE ASSETS LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"FURZE FOUNDATION NY LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"GAMBADO SERVICES LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"GARBORTESE HOLDINGS, LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"GENNARINO FOUNDATION LIMITED LIABILITY COMPANY", A DELAWARE

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The First State

LIMITED LIABILITY COMPANY,

"GIA FUND XII LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"GLACE APPLICATIONS NY LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"GLOUSTER APPLICATIONS L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"GORSE TRANSFER LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"GRADUAL TECH SOFTWARE L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"GRAVITAS APPLICATIONS LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"HAHNTRIG TRANSFER LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"IMOGEN FUND XII LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"IRINEI SOLUTIONS, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"KATSUO CELLULAR LIMITED LIABILITY COMPANY", A DELAWARE

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The First State

LIMITED LIABILITY COMPANY,

"KI RHEE SOFTWARE PTE. LIMITED LIABILITY COMPANY", A
DELAWARE LIMITED LIABILITY COMPANY,

"LATROSSE TECHNOLOGIES, L.L.C.", A DELAWARE LIMITED
LIABILITY COMPANY,

"LI GOLUNG PTE. LLC", A DELAWARE LIMITED LIABILITY COMPANY,
"LUCIANO PROCESSING L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"MARTINA KASSERI TELECOM L.L.C.", A DELAWARE LIMITED
LIABILITY COMPANY,

"MISAKI ACQUISITIONS L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"MOGUL SOLUTIONS LLC", A DELAWARE LIMITED LIABILITY COMPANY,
"MONSELLA MGMT. NY, LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

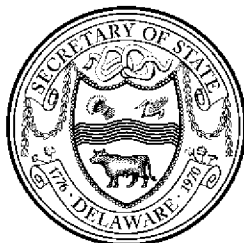
"MURDOCK FUND 8 LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"MYKEE ACQUISITIONS L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"NAMUL APPLICATIONS LLC", A DELAWARE LIMITED LIABILITY

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The First State

COMPANY,

"NAVIGATOR REMOTE LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"NEUDORFER DATA GROUP LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"OAL DATA LIMITED LIABILITY COMPANY", A DELAWARE LIMITED
LIABILITY COMPANY,

"O'BYRNE MANAGEMENT FUND LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"OISTRAKH ASSETS LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"OLIVERSSON FOUNDATION, LIMITED LIABILITY COMPANY", A
DELAWARE LIMITED LIABILITY COMPANY,

"OSMOSE AUDIO L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"OSTROUSHKO NETWORKS L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

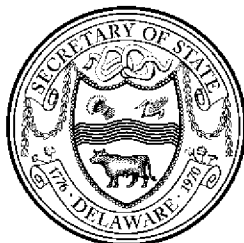
"OVID DATA CO. LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"PAGANINI FOUNDATION, L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"PANGRAM ACQUISITIONS L.L.C.", A DELAWARE LIMITED LIABILITY

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The First State

COMPANY,

"PETRONA CONSULTING LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"PLATI NETWORKING, LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"PREHENSIBLE APPLICATIONS LIMITED LIABILITY COMPANY", A
DELAWARE LIMITED LIABILITY COMPANY,

"PURLIEU WIRELESS LTD. LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"QUARK REMOTE RESEARCH LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"RADEMACHER PROCESSING L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"RISIBLE ENTERPRISES LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"ROSALVA NETWORKING LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"ROUSSEAU INVESTMENT GROUP LLC", A DELAWARE LIMITED
LIABILITY COMPANY,

"RUPERTO AUDIO AG LIMITED LIABILITY COMPANY", A DELAWARE

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DATE: 09-03-15

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The First State

LIMITED LIABILITY COMPANY,

"RYOU CAPITAL, L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"SCIO RESEARCH FUND DE LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"SEONG SANG INVESTMENTS LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"SERRY SOLUTIONS, LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"SIMPATICO FOUNDATION GROUP LIMITED LIABILITY COMPANY", A
DELAWARE LIMITED LIABILITY COMPANY,

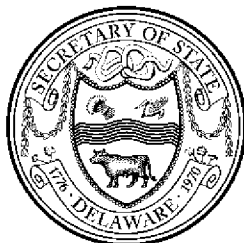
"SIROCCO MGMT., L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"SKYLARK MOXIE LTD. LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"S. MOORE MASCHINE LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"SORA APPLICATIONS LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"TACK FOSS B.V., LLC", A DELAWARE LIMITED LIABILITY COMPANY,



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Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 2703653

DATE: 09-03-15

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REEL: 037350 FRAME: 0019

Delaware

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The First State

"TAHNK WIRELESS CO., LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"TARTINI CAPITAL LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"TELEMANN FUND NINE, LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"TORREFY CONSULTING LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"UMBRA CELLULAR, LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"VORTZUVI RESEARCH LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"WONIEGE DATA B.V., LLC", A DELAWARE LIMITED LIABILITY COMPANY,

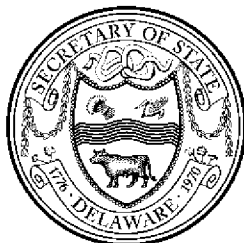
"XILUNIUM CAPITAL AG, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"YANICKLO TECHNOLOGY LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"YASU SOLUTIONS PTE., LLC", A DELAWARE LIMITED LIABILITY COMPANY,

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DATE: 09-03-15

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The First State

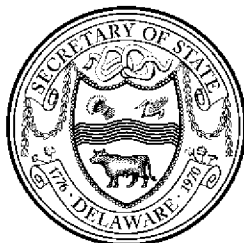
"ZARON REMOTE LLC", A DELAWARE LIMITED LIABILITY COMPANY,
"ZHIBO CELLULAR LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

WITH AND INTO "TAMIRAS PER PTE. LTD., LLC" UNDER THE NAME OF
"TAMIRAS PER PTE. LTD., LLC", A LIMITED LIABILITY COMPANY
ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE,
AS RECEIVED AND FILED IN THIS OFFICE THE THIRD DAY OF SEPTEMBER,
A.D. 2015, AT 2:57 O'CLOCK P.M.

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151255919

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Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 2703653

DATE: 09-03-15

PATENT
REEL: 037350 FRAME: 0021

**CERTIFICATE OF MERGER
OF
NON-SURVIVING ENTITIES LISTED BELOW
INTO
TAMIRAS PER PTE. LTD., LLC**

*State of Delaware
Secretary of State
Division of Corporations
Delivered 02:57 PM 09/03/2015
FILED 02:57 PM 09/03/2015
SRV 151255919 - 4608198 FILE*

The undersigned entity, organized and existing under and by virtue of the Delaware Limited Liability Company Act, does hereby certify as follows:

1. The name and jurisdiction of formation of the constituent entities are as follows:

<u>Name</u>	<u>Jurisdiction of Formation</u>	<u>Type of Entity</u>
<i>The Surviving Entity:</i>		
Tamiras Per Pte. Ltd., LLC	Delaware	Limited Liability Company
<i>The Non-Surviving Entities:</i>		
Addax Cellular NV L.L.C.	Delaware	Limited Liability Company
Akimbo Data Development Limited Liability Company	Delaware	Limited Liability Company
Anneal Development, LLC	Delaware	Limited Liability Company
AnoControls Limited Liability Company	Delaware	Limited Liability Company
Apodictic Technologies L.L.C.	Delaware	Limited Liability Company
Armada Networking Limited Liability Company	Delaware	Limited Liability Company
Benassi Transfer L.L.C.	Delaware	Limited Liability Company
Bibim Assets Limited Liability Company	Delaware	Limited Liability Company
Boricha Foundation L.L.C.	Delaware	Limited Liability Company
Brindle Data L.L.C.	Delaware	Limited Liability Company
Camembert Development Limited Liability Company	Delaware	Limited Liability Company
Capriccio Audio LLC	Delaware	Limited Liability Company
Cavesson Software LLC	Delaware	Limited Liability Company
Clinquant Solutions Limited Liability Company	Delaware	Limited Liability Company
Echidna Wireless LLC	Delaware	Limited Liability Company
Ehn Spire Limited Liability Company	Delaware	Limited Liability Company
Energico Acquisitions L.L.C.	Delaware	Limited Liability Company
Entelechy Assets LLC	Delaware	Limited Liability Company
Espressivo Acquisitions Limited Liability Company	Delaware	Limited Liability Company
Ferly Networking L.L.C.	Delaware	Limited Liability Company
Fermata Assets Limited Liability Company	Delaware	Limited Liability Company
Florescere Assets Limited Liability Company	Delaware	Limited Liability Company
Furze Foundation NY LLC	Delaware	Limited Liability Company
Gambado Services LLC	Delaware	Limited Liability Company
Gennarino Foundation Limited Liability Company	Delaware	Limited Liability Company
Gia Fund XII Limited Liability Company	Delaware	Limited Liability Company
Glance Applications NY LLC	Delaware	Limited Liability Company
Glouster Applications L.L.C.	Delaware	Limited Liability Company
Gorse Transfer Limited Liability Company	Delaware	Limited Liability Company
Gradual Tech Software L.L.C.	Delaware	Limited Liability Company
Gravitas Applications Limited Liability Company	Delaware	Limited Liability Company

Byron E Springer Jr
E-signed 2015-09-03 10:54AM PDT
bspringer@intven.com

<i>Jurisdiction of Formation</i>	<i>Type of Entity</i>
--	-----------------------

Hahntrig Transfer LLC	Delaware	Limited Liability Company
Imogen Fund XII Limited Liability Company	Delaware	Limited Liability Company
Irinei Solutions, L.L.C.	Delaware	Limited Liability Company
Katsuo Cellular Limited Liability Company	Delaware	Limited Liability Company
Ki Rhee Software Pte. Limited Liability Company	Delaware	Limited Liability Company
Li Golung Pte. LLC	Delaware	Limited Liability Company
Luciano Processing L.L.C.	Delaware	Limited Liability Company
Martina Kasserer Telecom L.L.C.	Delaware	Limited Liability Company
Misaki Acquisitions L.L.C.	Delaware	Limited Liability Company
Mogul Solutions LLC	Delaware	Limited Liability Company
Murdock Fund 8 Limited Liability Company	Delaware	Limited Liability Company
Mykee Acquisitions L.L.C.	Delaware	Limited Liability Company
Namul Applications LLC	Delaware	Limited Liability Company
Navigator Remote Limited Liability Company	Delaware	Limited Liability Company
Neudorfer Data Group LLC	Delaware	Limited Liability Company
Oal Data Limited Liability Company	Delaware	Limited Liability Company
O'byrne Management Fund LLC	Delaware	Limited Liability Company
Oistrakh Assets Limited Liability Company	Delaware	Limited Liability Company
Oliversson Foundation, Limited Liability Company	Delaware	Limited Liability Company
Osmose Audio L.L.C.	Delaware	Limited Liability Company
Ostroushko Networks L.L.C.	Delaware	Limited Liability Company
Ovid Data Co. LLC	Delaware	Limited Liability Company
Paganini Foundation, L.L.C.	Delaware	Limited Liability Company
Pangram Acquisitions L.L.C.	Delaware	Limited Liability Company
Petrona Consulting Limited Liability Company	Delaware	Limited Liability Company
Plati Networking, LLC	Delaware	Limited Liability Company
Prehensible Applications Limited Liability Company	Delaware	Limited Liability Company
Purlieu Wireless Ltd. LLC	Delaware	Limited Liability Company
Quark Remote Research LLC	Delaware	Limited Liability Company
Rademacher Processing L.L.C.	Delaware	Limited Liability Company
Risible Enterprises LLC	Delaware	Limited Liability Company
Rosalva Networking Limited Liability Company	Delaware	Limited Liability Company
Rousseau Investment Group LLC	Delaware	Limited Liability Company
Ruperto Audio AG Limited Liability Company	Delaware	Limited Liability Company
Ryou Capital, L.L.C.	Delaware	Limited Liability Company
S. Moore Maschine Limited Liability Company	Delaware	Limited Liability Company
Scio Research Fund DE LLC	Delaware	Limited Liability Company
Seong Sang Investments LLC	Delaware	Limited Liability Company
Serry Solutions, Limited Liability Company	Delaware	Limited Liability Company
Simpatco Foundation Group Limited Liability Company	Delaware	Limited Liability Company
Skylark Moxie Ltd. LLC	Delaware	Limited Liability Company
Sora Applications LLC	Delaware	Limited Liability Company
Tack Foss B.V., LLC	Delaware	Limited Liability Company
Tahnk Wireless Co., LLC	Delaware	Limited Liability Company
Tartini Capital Limited Liability Company	Delaware	Limited Liability Company

Document Integrity Verified

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The Non-Surviving Entities – continuing

	<i>Jurisdiction of Formation</i>	<i>Type of Entity</i>
Telemann Fund Nine, Limited Liability Company	Delaware	Limited Liability Company
Torrefy Consulting LLC	Delaware	Limited Liability Company
Umbra Cellular, Limited Liability Company	Delaware	Limited Liability Company
Yanicklo Technology, L.L.C.	Delaware	Limited Liability Company
Yasu Solutions Pte., LLC	Delaware	Limited Liability Company
Zaron Remote LLC	Delaware	Limited Liability Company
Zhibo Cellular Limited Liability Company	Delaware	Limited Liability Company
Bartanva Drio Data, L.L.C.	Delaware	Limited Liability Company
Consallus Group L.L.C.	Delaware	Limited Liability Company
Corilli Capital Limited Liability Company	Delaware	Limited Liability Company
DI-Walkor III Services I.L.C.	Delaware	Limited Liability Company
Garbortese Holdings, LLC	Delaware	Limited Liability Company
Latrosse Technologies, L.L.C.	Delaware	Limited Liability Company
Monsella Mgmt. NY, LLC	Delaware	Limited Liability Company
Vortzuvi Research Limited Liability Company	Delaware	Limited Liability Company
Woniege Data B.V., LLC	Delaware	Limited Liability Company
Xilunium Capital AG, L.L.C.	Delaware	Limited Liability Company
Sirocco Mgmt., L.L.C.	Delaware	Limited Liability Company

2. An agreement of merger has been approved and executed by each of the constituent entities in accordance with Section 18-209 of the Delaware Limited Liability Company Act.

3. The name of the surviving entity is Tamiras Per Pte. Ltd., LLC.

4. The Certificate of Formation of Tamiras Per Pte. Ltd., LLC shall be the Certificate of Formation of the surviving limited liability company.

5. The executed agreement of merger is on file at the principal place of business of the surviving entity located at 3150 139th Avenue SE, Building 4, Bellevue, Washington 98005.

6. A copy of the agreement of merger will be furnished by the surviving entity, on request and without cost, to any member of any constituent limited liability company.

IN WITNESS WHEREOF, the surviving limited liability company has caused this certificate to be signed by an authorized person, dated September 2, 2015.

TAMIRAS PER PTE. LTD., LLC

By: Byron E. Springer Jr.
Byron E. Springer Jr (Sep 3, 2015)
Name: Byron E. Springer, Jr.
Its: Assistant Secretary

Byron E Springer Jr
E-signed 2015-09-03 10:54AM PDT
bspringer@intven.com