

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3545915

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	MERGER
<b>EFFECTIVE DATE:</b>	09/03/2015

**CONVEYING PARTY DATA**

Name	Execution Date
TTI INVENTIONS C LLC	08/26/2015

**RECEIVING PARTY DATA**

<b>Name:</b>	NYTELL SOFTWARE LLC
<b>Street Address:</b>	2711 CENTERVILLE RD
<b>Internal Address:</b>	SUITE 400
<b>City:</b>	WILMINGTON
<b>State/Country:</b>	DELAWARE
<b>Postal Code:</b>	19808

**PROPERTY NUMBERS Total: 85**

Property Type	Number
Patent Number:	8423398
Patent Number:	8908530
Patent Number:	8724508
Patent Number:	8346794
Patent Number:	7957397
Patent Number:	6216128
Patent Number:	8392873
Patent Number:	8023423
Patent Number:	6144991
Patent Number:	5884181
Patent Number:	6138118
Patent Number:	5832519
Patent Number:	5608801
Patent Number:	6016512
Patent Number:	6738815
Patent Number:	7359730
Patent Number:	8019576
Patent Number:	5878224

PATENT

<b>Property Type</b>	<b>Number</b>
Patent Number:	6301664
Patent Number:	6813358
Patent Number:	5960178
Patent Number:	5727063
Patent Number:	6226640
Patent Number:	7152065
Patent Number:	7630867
Patent Number:	5638446
Patent Number:	7716221
Patent Number:	5751812
Patent Number:	7664020
Patent Number:	8615071
Patent Number:	7957276
Patent Number:	9077691
Patent Number:	8620259
Patent Number:	7593489
Patent Number:	7933237
Patent Number:	6438554
Patent Number:	8448159
Patent Number:	8577733
Patent Number:	7912902
Patent Number:	7103360
Patent Number:	8099104
Patent Number:	7788278
Patent Number:	6873258
Patent Number:	8191146
Patent Number:	7801073
Patent Number:	8615214
Patent Number:	6771934
Patent Number:	6216005
Patent Number:	6487406
Patent Number:	6009326
Patent Number:	7978647
Patent Number:	7496065
Patent Number:	7664501
Patent Number:	6490259
Patent Number:	5905719
Patent Number:	8645282

Property Type	Number
Patent Number:	7072664
Patent Number:	8111669
Patent Number:	7688777
Patent Number:	6208864
Patent Number:	6775253
Patent Number:	6628943
Patent Number:	6788660
Patent Number:	5822681
Patent Number:	6965673
Patent Number:	5809140
Patent Number:	5946582
Patent Number:	6285044
Patent Number:	5708681
Patent Number:	7272121
Patent Number:	6708036
Patent Number:	6570926
Patent Number:	6480537
Patent Number:	5936659
Patent Number:	5764277
Patent Number:	6041330
Patent Number:	RE42997
Patent Number:	6091819
Patent Number:	8442005
Patent Number:	8578498
Patent Number:	8572743
Patent Number:	8670418
Patent Number:	7970592
Application Number:	13104489
Application Number:	14753385

**CORRESPONDENCE DATA**

**Fax Number:** (425)679-0580

*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.*

**Email:** ivrecording@intven.com

**Correspondent Name:** FITCH EVEN TABIN & FLANNERY LLP

**Address Line 1:** 120 SOUTH LASALLE STREET

**Address Line 2:** SUITE 1600

**Address Line 4:** CHICAGO, ILLINOIS 60603

<b>NAME OF SUBMITTER:</b>	JOANN REYNOLDS
<b>SIGNATURE:</b>	/Joann Reynolds/
<b>DATE SIGNED:</b>	09/28/2015
<b>Total Attachments: 9</b> source=++ NYTELL SOFTWARE LLC DE filed Merger Certificate_03 Sept 2015#page1.tif source=++ NYTELL SOFTWARE LLC DE filed Merger Certificate_03 Sept 2015#page2.tif source=++ NYTELL SOFTWARE LLC DE filed Merger Certificate_03 Sept 2015#page3.tif source=++ NYTELL SOFTWARE LLC DE filed Merger Certificate_03 Sept 2015#page4.tif source=++ NYTELL SOFTWARE LLC DE filed Merger Certificate_03 Sept 2015#page5.tif source=++ NYTELL SOFTWARE LLC DE filed Merger Certificate_03 Sept 2015#page6.tif source=++ NYTELL SOFTWARE LLC DE filed Merger Certificate_03 Sept 2015#page7.tif source=++ NYTELL SOFTWARE LLC DE filed Merger Certificate_03 Sept 2015#page8.tif source=++ NYTELL SOFTWARE LLC DE filed Merger Certificate_03 Sept 2015#page9.tif	

# 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:

"ADVENTIVE REMOTE L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"ALVERCA TECHNOLOGIES NY LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"APROLASE DEVELOPMENT CO., LLC", A DELAWARE LIMITED LIABILITY COMPANY,

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

"BERGSTROM PROPERTIES LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"BERNHAUSEN FUGH GMBH, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

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

"CALABRESE HOLDINGS L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"CASTELL SOFTWARE LIMITED LIABILITY COMPANY", A DELAWARE

4930899 8100M

151253734



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2702916

DATE: 09-03-15

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

PATENT  
REEL: 036703 FRAME: 0195

# Delaware

PAGE 2

*The First State*

LIMITED LIABILITY COMPANY,

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

"CRIZPIM BROS. LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"DUBINSHIRE LTD., LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"EDUCE DATA DEVELOPMENT L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

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

"FA HASSET CO., L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"FINLASIN TECHNOLOGY LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"FOREMOST TECHNOLOGIES LLC", A DELAWARE LIMITED LIABILITY COMPANY,


"FOSSICK SERVICES LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"FRONTIER GAUGE SOLUTIONS L.L.C.", A DELAWARE LIMITED

4930899 8100M

151253734



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2702916

DATE: 09-03-15

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PATENT  
REEL: 036703 FRAME: 0196

# Delaware

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*The First State*

LIABILITY COMPANY,

"HAUGH TELECOM LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"HISMAP POINT DE LIMITED LIABILITY COMPANY", A DELAWARE  
LIMITED LIABILITY COMPANY,

"INTELLECTUAL VENTURES FUND 82 LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,

"INTELLECTUAL VENTURES HOLDING 82 LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,

"INTELLECTUAL VENTURES HOLDING 83 LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,

"INTELLECTUAL VENTURES HOLDING 84 LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,

"INTELLECTUAL VENTURES HOLDING 86 LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,

"INTELLECTUAL VENTURES HOLDING 88 LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,


"KERWAR ACQUISITIONS LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"LUSATIA FOUNDATION AG L.L.C.", A DELAWARE LIMITED LIABILITY  
COMPANY,

4930899 8100M

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PATENT  
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# Delaware

PAGE 4


*The First State*

"O'HEARN AUDIO LLC", A DELAWARE LIMITED LIABILITY COMPANY,  
"OLANTRA FUND X L.L.C.", A DELAWARE LIMITED LIABILITY  
COMPANY,  
"OLK GRUN GMBH, LLC", A DELAWARE LIMITED LIABILITY COMPANY,  
"PHAN TIA GROUP PTE. LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,  
"PHU SANG LTD., LLC", A DELAWARE LIMITED LIABILITY COMPANY,  
"PORTULIM FOUNDATION LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,  
"PRAN, CHO & SHICI PTE., LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,  
"PYTHALIS SUITE DATA KG, LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,  
"QUALTENSE MGMT, L.L.C.", A DELAWARE LIMITED LIABILITY  
COMPANY,  
"ROAC ND INVESTMENTS L.L.C.", A DELAWARE LIMITED LIABILITY  
COMPANY,  
"SACCADE RESEARCH L.L.C.", A DELAWARE LIMITED LIABILITY  
COMPANY,  
"TIMUR GROUP II L.L.C.", A DELAWARE LIMITED LIABILITY

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Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2702916

DATE: 09-03-15

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PATENT  
REEL: 036703 FRAME: 0198



# Delaware

PAGE 5

*The First State*

COMPANY,

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

"TTI FUTURE INVENTIONS FUNDING LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,

"TTI INVENTIONS A LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"TTI INVENTIONS C LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"TTI INVENTIONS D LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"TTI INVENTIONS E LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"TWO POINT FUND LLC", A DELAWARE LIMITED LIABILITY COMPANY,

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

"UTROM PROCESSING CO. L.L.C.", A DELAWARE LIMITED LIABILITY  
COMPANY,

"VIRTUAL COMPASS CO. LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

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Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2702916

DATE: 09-03-15

PATENT  
REEL: 036703 FRAME: 0199

# Delaware

PAGE 6

*The First State*

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

"WHI SPUR LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

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


"6 BELLMONT LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

WITH AND INTO "NYTELL SOFTWARE LLC" UNDER THE NAME OF "NYTELL SOFTWARE 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 11:13 O'CLOCK A.M.

4930899 8100M

151253734



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2702916

DATE: 09-03-15

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

PATENT  
REEL: 036703 FRAME: 0200

**CERTIFICATE OF MERGER  
OF  
NON-SURVIVING ENTITIES LISTED BELOW  
INTO  
NYTELL SOFTWARE LLC**

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>		
Nytell Software LLC	Delaware	Limited Liability Company
<i>The Non-Surviving Entities:</i>		
6 Belmont Limited Liability Company	Delaware	Limited Liability Company
Adventive Remote L.L.C.	Delaware	Limited Liability Company
Alverca Technologies NY LLC	Delaware	Limited Liability Company
Aprolase Development Co., LLC	Delaware	Limited Liability Company
Benedetti Technologies L.L.C.	Delaware	Limited Liability Company
Bergstrom Properties LLC	Delaware	Limited Liability Company
Bernhausen Fugh GmbH, LLC	Delaware	Limited Liability Company
Bewes Assets Limited Liability Company	Delaware	Limited Liability Company
Calabrese Holdings L.L.C.	Delaware	Limited Liability Company
Castell Software Limited Liability Company	Delaware	Limited Liability Company
Cortege Wireless, LLC	Delaware	Limited Liability Company
Crizpim Bros. Limited Liability Company	Delaware	Limited Liability Company
Dubinshire Ltd., LLC	Delaware	Limited Liability Company
Educe Data Development L.L.C.	Delaware	Limited Liability Company
EPAX Consulting Limited Liability Company	Delaware	Limited Liability Company
FA Hasset Co., L.L.C.	Delaware	Limited Liability Company
Finlasin Technology LLC	Delaware	Limited Liability Company
Foremost Technologies LLC	Delaware	Limited Liability Company
Fossick Services Limited Liability Company	Delaware	Limited Liability Company
Frontier Gauge Solutions L.L.C.	Delaware	Limited Liability Company
Haugh Telecom LLC	Delaware	Limited Liability Company
Hismap Point DE Limited Liability Company	Delaware	Limited Liability Company
Intellectual Ventures Fund 82 LLC	Delaware	Limited Liability Company
Intellectual Ventures Holding 82 LLC	Delaware	Limited Liability Company
Intellectual Ventures Holding 83 LLC	Delaware	Limited Liability Company
Intellectual Ventures Holding 84 LLC	Delaware	Limited Liability Company

Phyllis Turner-Brim  
E-signed 2015-08-26 02:53PM PDT  
pturnerbrim@intven.com  
Intellectual Ventures  
VP Chief IP Counsel

Byron E Springer Jr  
E-signed 2015-08-26 05:25PM PDT  
bspringer@intven.com

***The Non-Surviving Entities - continuing:***

	<b>Jurisdiction of Formation</b>	<b>Type of Entity</b>
Intellectual Ventures Holding 86 LLC	Delaware	Limited Liability Company
Intellectual Ventures Holding 88 LLC	Delaware	Limited Liability Company
Kerwar Acquisitions LLC	Delaware	Limited Liability Company
Lusatia Foundation AG L.L.C.	Delaware	Limited Liability Company
O'Hearn Audio LLC	Delaware	Limited Liability Company
Olantra Fund X L.L.C.	Delaware	Limited Liability Company
OLK Grun GmbH, LLC	Delaware	Limited Liability Company
Phan Tia Group Pte. LLC	Delaware	Limited Liability Company
Phu Sang Ltd., LLC	Delaware	Limited Liability Company
Portulim Foundation LLC	Delaware	Limited Liability Company
Pran, Cho & Shici Pte., LLC	Delaware	Limited Liability Company
Pythalis Suite Data KG, LLC	Delaware	Limited Liability Company
Qualtense Mgmt. L.L.C.	Delaware	Limited Liability Company
Roac ND Investments L.L.C.	Delaware	Limited Liability Company
Saccade Research L.L.C.	Delaware	Limited Liability Company
Timur Group II L.L.C.	Delaware	Limited Liability Company
Tiraboschi Services, LLC	Delaware	Limited Liability Company
TTI Future Inventions Funding LLC	Delaware	Limited Liability Company
TTI Inventions C LLC	Delaware	Limited Liability Company
TTI Inventions D LLC	Delaware	Limited Liability Company
TTI Inventions E LLC	Delaware	Limited Liability Company
TTI Inventions A LLC	Delaware	Limited Liability Company
Two Point Fund LLC	Delaware	Limited Liability Company
Ulloa Research Limited Liability Company	Delaware	Limited Liability Company
Utrom Processing Co. L.L.C.	Delaware	Limited Liability Company
Virtual Compass Co. LLC	Delaware	Limited Liability Company
Weald Remote Limited Liability Company	Delaware	Limited Liability Company
Whi Spur Limited Liability Company	Delaware	Limited Liability Company
Wisibor Networking, 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 Nytell Software LLC.

4. The Certificate of Formation of Nytell Software 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.

**Phyllis Turner-Brim**  
E-signed 2015-08-26 02:53PM PDT  
pturnerbrim@intven.com  
Intellectual Ventures  
VP Chief IP Counsel

**Byron E Springer Jr**  
E-signed 2015-08-26 05:25PM PDT  
bspringer@intven.com

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 August 28, 2015.

**NYTELL SOFTWARE LLC**

By: *Byron E Springer Jr*  
Byron E Springer Jr (Aug 28, 2015)  
Name: **Byron E Springer Jr**  
Its: **Authorized Person**

**Phyllis Turner-Brim**  
E-signed 2015-08-26 02:53PM PDT  
pturnerbrim@intven.com  
Intellectual Ventures  
VP Chief IP Counsel

**Byron E Springer Jr**  
E-signed 2015-08-26 05:25PM PDT  
bspringer@intven.com