PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7994446

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	08/12/2015

CONVEYING PARTY DATA

Name	Execution Date
VOORHUIS PLC, LIMITED LIABILITY COMPANY	08/12/2015

RECEIVING PARTY DATA

Name:	CUFER ASSET LTD. L.L.C.
Street Address:	251 LITTLE FALLS DR
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19808

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18330788

CORRESPONDENCE DATA

Fax Number: (503)796-2900

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.

Phone: (503) 222-9981
Email: alee@schwabe.com

Correspondent Name: SCHWABE, WILLIAMSON & WYATT, P.C. Address Line 1: 1211 SW FIFTH AVENUE, SUITE 1600

Address Line 4: PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER:	129073-279882_9663-0013C2
NAME OF SUBMITTER:	AILEEN LEE
SIGNATURE:	/Aileen Lee/
DATE SIGNED:	06/07/2023

Total Attachments: 13

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PATENT REEL: 063884 FRAME: 0052

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:

"AC IP SOFTWARE INSTITUTE LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"ADS SOFTWARE MGMT. L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"ARASTAD SOFTWARE SOLUTIONS, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

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

"BANDWIDTH WIRELESS LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"BAROKAV T.C. PROPERTY HOLDINGS LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"BT WEB SOLUTIONS, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"CAL. MEDIA, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY, "CANTRELE TELECOM CO., LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

4454057 8100M

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DATE: 08-20-15

AUTHENTICATION: 2663299

PATENT REEL: 063884 FRAME: 0053

Jeffrey W. Bullock, Secretary of State

"COTHRE TECHNOLOGY LTD. LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"CRYSTAL DEVELOPMENT CONSULTING SERVICES L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"DAC REMOTE INVESTMENTS LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"DEFERN ELECTRONICS LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"DETA TECHNOLOGY DEVELOPMENT LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"DIGITAL ASSET ENTERPRISES, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"DML TECH. HOLDINGS LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"DNVN TECHNOLOGY ASSETS L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"DRAKEZ TOKAJ RT. L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"FAST CHNL. ASSETS, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

4454057 8100M

151190457

DATE: 08-20-15

AUTHENTICATION: 2663299

PATENT REEL: 063884 FRAME: 0054

Jeffrey W. Bullock, Secretary of State

"FRANKFURT GMBH. LLC", A DELAWARE LIMITED LIABILITY COMPANY, "GALLE DEVELOPMENT KG LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"GENERALE MICRO FR, LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"GROMENS ACQUISITIONS CO. L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"GS IP LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"HANDHELD DEVICES & CO., L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"HOWELL V INVESTMENTS LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"I.L. DEVICES LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"INFINITE DATA TRANSFER L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"INTELLECTUAL VENTURES COMPUTING PLATFORCE ASSETS LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"INT. PROPERTY CONSULTING, LIMITED LIABILITY COMPANY", A

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151190457

DATE: 08-20-15

AUTHENTICATION: 2663299

PATENT REEL: 063884 FRAME: 0055

Jeffrey W. Bullock, Secretary of State

DELAWARE LIMITED LIABILITY COMPANY,

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

"JAIN V FUND, LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"JAWAR SOFTWARE LTD. LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"KOZAMATSO SOFTWARE GROUP, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"LAVES WIRELESS HOLDINGS LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"LEMCHEN INVENTION I, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"LOT 10 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"LOT 11 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"LOT 16 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"LOT 17 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

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Jeffrey W. Bullock, Secretary of State

The First State

"LOT 3 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"LOT 6 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"LOT 7 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"LOT 8 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"LOT 9 ACQUISITION FOUNDATION, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"MANO RECORDINGS LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"MEMLNK DIGITAL LTD., L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"MIRIM NETWORK TRANSFER LTD. L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"MOVEMENT SOFTWARE SOLUTIONS L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"MRT ASSET SERVICES, LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

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DATE: 08-20-15

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Jeffrey W. Bullock, Secretary of State

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The First State

"MWORKS WIRELESS HOLDINGS LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"NANPAK REMOTE INVESTMENTS LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"OTIC INVESTMENTS LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"PRD FC HOLDINGS L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"PROOSTDAM OFFSHORE BV, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"PROTOCOL-IP.COM, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"PYFRM HOLDINGS LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"QUILES SOFTWARE SOLUTIONS L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"RAVELLES CO. DE, LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"RBCS SOFTWARE LLC", A DELAWARE LIMITED LIABILITY COMPANY,
"REFRACTOR APPLICATIONS, LLC", A DELAWARE LIMITED LIABILITY

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Jeffrey W. Bullock, Secretary of State

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The First State

COMPANY,

"RESEARCH TRANSFER ENTERPRISE, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"ROEDER CO. LTD., LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"SANWORK DATA MGMT. L.L.C.", A DELAWARE LIMITED LIABILITY
COMPANY,

"SEARCH RESOURCES MGMT. L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"SINTER WIRELESS HOLDINGS LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"SOLQUE SOFTWARE LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"STEIFFEN TELEKOM A.S., LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"STRAFORM DATA MGMT LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

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

"ST. STEP V HOLDINGS LLC", A DELAWARE LIMITED LIABILITY

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DATE: 08-20-15

AUTHENTICATION: 2663299

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Jeffrey W. Bullock, Secretary of State

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The First State

COMPANY,

"SW REVOLUTIONS LTD. LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"TC DATA SOLUTIONS, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"TC TECH ELECTRONICS, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"TEVTON DIGITAL APPLICATION AG, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"TRI MBC COMMUNICATIONS L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"TRL PROPERTIES LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"TRSR CAPITAL DE, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"TURNPIKE DATA PROCESSING LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"U KROWEL LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"U-SMART NETWORKING LLC", A DELAWARE LIMITED LIABILITY

COMPANY,

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DATE: 08-20-15

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Jeffrey W. Bullock, Secretary of State

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The First State

"VALCOM LABS LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"VAN DETSAN NETWORKS LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"VENDOR TRACKING COMPANY LIMITED LIABILITY COMPANY", A
DELAWARE LIMITED LIABILITY COMPANY,

"VIG ACQUISITIONS LTD., L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"VOCALCOMM GROUP, LLC", A DELAWARE LIMITED LIABILITY
COMPANY,

"VOORHUIS PLC, LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"VOR SOFTWARE MGMT, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"WAITE INVENTORY CONSULTING LIMITED LIABILITY COMPANY", A
DELAWARE LIMITED LIABILITY COMPANY,

"W.D. BURGEON, LIMITED LIABILITY COMPANY", A DELAWARE LIMITED LIABILITY COMPANY,

"WM II DATA MANAGEMENT, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

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DATE: 08-20-15

AUTHENTICATION: 2663299

PATENT REEL: 063884 FRAME: 0061

Jeffrey W. Bullock, Secretary of State

4454057 8100M



The First State

"WOLFE-GANZ GMBH, LIMITED LIABILITY COMPANY", A DELAWARE
LIMITED LIABILITY COMPANY,

"XYLANIS TRANSFER AG, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

WITH AND INTO "CUFER ASSET LTD. L.L.C." UNDER THE NAME OF

"CUFER ASSET LTD. L.L.C.", A LIMITED LIABILITY COMPANY ORGANIZED

AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS

RECEIVED AND FILED IN THIS OFFICE THE NINETEENTH DAY OF AUGUST,

A.D. 2015, AT 12:09 O'CLOCK P.M.

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DATE: 08-20-15

PATENT REEL: 063884 FRAME: 0062

Jeffrey W. Bullock, Secretary of State

AUTHENTICATION: 2663299

CERTIFICATE OF MERGER OF NON-SURVIVING ENTITIES LISTED BELOW INTO CUFER ASSET LTD. L.L.C.

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</u> of Formation	Type of Entity
The Surviving Entity:		
Cufer Asset Ltd. L.L.C.	Delaware	Limited Liability Company
The Non-Surviving Entities:		
SW Revolutions Ltd. LLC Voorhuis Plc, Limited Liability Company Wolfe-Ganz Gmbh, Limited Liability Company Generale Micro Fr, Limited Liability Company Int. Property Consulting, Limited Liability Company MRT Asset Services, Limited Liability Company Steiffen Telekom A.S., LLC VocalComm Group, LLC Barokav T.C. Property Holdings LLC Howell V Investments Limited Liability Company Proostdam Offshore BV, L.L.C. Search Resources Mgmt, L.L.C. Dnvn Technology Assets L.L.C. DML Tech. Holdings Limited Liability Company Fast Chnl. Assets, LLC	Delaware	Limited Liability Company
RbCs Software LLC Cantrele Telecom Co., Limited Liability Company Cal. Media, L.L.C. Drakez Tokaj Rt. L.L.C. Mano Recordings Limited Liability Company Turnpike Data Processing LLC Pyfrm Holdings Limited Liability Company TC Data Solutions, L.L.C. GS IP Limited Liability Company Mworks Wireless floldings LLC TRL Properties Limited Liability Company Bandwidth Wireless Limited Liability Company Infinite Data Transfer L.L.C. Protocol-IP.com, L.L.C.	Delaware	Limited Liability Company

Phyllis Turner-Brim

E-signed 2015-08-11 12:31PM PDT pturnerbrim@intven.com Intellectual Ventures
VP Chief IP Counsel

Byron E. Springer Jr.

E-signed 2015-08-12 09:06AM PDT bspringer@intven.com

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REEL: 063884 FRAME: 0063

The Non-Surviving Entities - continuing	Jurisdiction of Formation	Type of Entity
Refractor Applications, LLC	Delaware	Limited Liability Company
Waite Inventory Consulting Limited Liability	Delaware	Limited Liability Company
Company		
St. Step V Holdings LLC	Delaware	Limited Liability Company
TC Tech Electronics, LLC	Delaware	Limited Liability Company
TrSr Capital DE, L.L.C.	Delaware	Limited Liability Company
Kozamatso Software Group, L.L.C.	Delaware	Limited Liability Company
BT Web Solutions, LLC	Delaware	Limited Liability Company
AC IP Software Institute LLC	Delaware	Limited Liability Company
Lemchen Invention I, LLC	Delaware	Limited Liability Company
Strauss Acquisitions, L.L.C.	Delaware	Limited Liability Company
Valcom Labs Limited Liability Company	Delaware	Limited Liability Company
Wm II Data Management, LLC	Delaware	Limited Liability Company
MemLnk Digital Ltd., L.L.C.	Delaware	Limited Liability Company
Crystal Development Consulting Services L.L.C.	Delaware	Limited Liability Company
Digital Asset Enterprises, L.L.C.	Delaware	Limited Liability Company
Frankfurt Gmbh. LLC	Delaware	Limited Liability Company
Handheld Devices & Co., L.L.C.	Delaware	Limited Liability Company
Vendor Tracking Company Limited Liability	Delaware	Limited Liability Company
Company		
W.D. Burgeon, Limited Liability Company	Delaware	Limited Liability Company
Arastad Software Solutions, LLC	Delaware	Limited Liability Company
Jain V Fund, Limited Liability Company	Delaware	Limited Liability Company
Nanpak Remote Investments LLC	Delaware	Limited Liability Company
Quiles Software Solutions L.L.C.	Delaware	Limited Liability Company
Roeder Co. Ltd., LLC	Delaware	Limited Liability Company
Research Transfer Enterprise, L.L.C.	Delaware	Limited Liability Company
Ravelles Co. DE, Limited Liability Company	Delaware	Limited Liability Company
Prd FC Holdings L.L.C.	Delaware	Limited Liability Company
DAC Remote Investments LLC	Delaware	Limited Liability Company
Intellectual Ventures Computing Platforce Assets	Delaware	Limited Liability Company
LLC	* .	
U Krowel LLC	Delaware	Limited Liability Company
Van Detsan Networks Limited Liability Company	Delaware	Limited Liability Company
Xylanis Transfer AG, L.L.C. Lot 3 Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 6 Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 7 Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 8 Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 9 Acquisition Foundation, LLC	Delaware Delaware	Limited Liability Company
Lot 10 Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 11 Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 16 Acquisition Foundation, LLC	Delaware	Limited Liability Company
Lot 17 Acquisition Foundation, LLC	Delaware	Limited Liability Company Limited Liability Company
Sanwork Data Mgmt. L.I.,C.	Delaware	Limited Liability Company
Defern Electronics LLC	Delaware	Limited Liability Company
Tri MBC Communications L.L.C.	Delaware	Limited Liability Company
- Commence (A.C.C.	Delawait	Linned Liability Company

Phyllis Turner-Brim

E-signed 2015-08-11 12:31PM PDT pturnerbrim@intven.com Intellectual Ventures VP Chief IP Counsel

🖚 🕏 Document Integrity Verified 🖚

Byron E. Springer Jr.

E-signed 2015-08-12 09:06AM PDT bspringer@intven.com

PATENT

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The Non-Surviving Entities - continuing	Jurisdiction of Formation	Type of Entity
Vor Software Mgmt, L.L.C. Arcomp Acquisitions, L.L.C. Solque Software Limited Liability Company U-smart Networking LLC Straform Data Mgmt Limited Liability Company Gromens Acquisitions Co. L.L.C. IPower Holdings LLC VIG Acquisitions Ltd., L.L.C. I.L. Devices Limited Liability Company Sinter Wireless Holdings LLC ADS Software Mgmt. L.L.C. Movement Software Solutions L.L.C. Deta Technology Development LLC	Delaware	Limited Liability Company
Tevton Digital Application AG, LLC Mirim Network Transfer Ltd. L.L.C. Galle Development KG Limited Liability Company Cothre Technology Ltd. Limited Liability Company Otic Investments Limited Liability Company Jawar Software Ltd. LLC Laves Wireless Holdings LLC	Delaware Delaware Delaware Delaware Delaware Delaware	Limited Liability Company Limited Liability Company Limited Liability Company Limited Liability Company Limited Liability Company Limited Liability Company Limited Liability Company

- 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 Cufer Asset Ltd. L.L.C.
- The Certificate of Formation of Cufer Asset Ltd. L.L.C. shall be the Certificate of Formation of the surviving limited liability company.
- 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.
- 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, on August 12, 2015.

Cufer Asset Ltd. L.L.C.

By: Byton E. Springer Jr. (Aug 12/0018)

Name: Byron Springer Its: Authorized Person

Phyllis Turner-Brim

E-signed 2015-08-11 12:31PM PDT pturnerbrim@intven.com

Intellectual Ventures

VP Chief IP Counsel

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Byron E. Springer Jr.

E-signed 2015-08-12 09:06AM PDT

bspringer@intven.com

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REEL: 063884 FRAME: 0065