

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM546572

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Intellectual Property Security Agreement

**CONVEYING PARTY DATA**

Name	Formerly	Execution Date	Entity Type
Wall Street Systems Delaware, Inc.		10/24/2019	Corporation: DELAWARE
Reval.com, Inc.		10/24/2019	Corporation: DELAWARE
Allegro Development Corporation		10/24/2019	Corporation: DELAWARE
Financial Engineering Associates, Inc.		10/24/2019	Corporation: CALIFORNIA
Triple Point Technology, LLC		10/24/2019	Limited Liability Company: DELAWARE
OpenLink Financial LLC		10/24/2019	Limited Liability Company: DELAWARE
SolArc, LLC		10/24/2019	Limited Liability Company: DELAWARE
Wall Street Systems Treasury Inc.		10/24/2019	Corporation: DELAWARE

**RECEIVING PARTY DATA**

<b>Name:</b>	Credit Suisse AG, Cayman Islands Branch, as Collateral Agent
<b>Street Address:</b>	11 Madison Avenue
<b>City:</b>	New York
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10010
<b>Entity Type:</b>	Bank: SWITZERLAND

**PROPERTY NUMBERS Total: 46**

Property Type	Number	Word Mark
<b>Registration Number:</b>	3556113	ALLEGRO
<b>Registration Number:</b>	5336021	ALLEGRO HORIZON
<b>Registration Number:</b>	4529992	@ENERGY/POWERWORKS
<b>Registration Number:</b>	2109907	@EQUITY
<b>Registration Number:</b>	1752287	@GLOBAL
<b>Registration Number:</b>	1860319	@INTEREST
<b>Registration Number:</b>	3799345	FEA
<b>Registration Number:</b>	1738136	FEA

TRADEMARK

Property Type	Number	Word Mark
Registration Number:	4491592	POWERWORKS
Registration Number:	3833626	PRONG+
Registration Number:	3263167	STRUCTURETOOL
Registration Number:	2019804	VARWORKS
Registration Number:	2239086	@ENERGY
Registration Number:	2723554	ENDUR
Registration Number:	5082124	FINDUR
Registration Number:	2770873	
Registration Number:	2749531	OPENLINK
Registration Number:	2571922	REVAL
Registration Number:	2617759	REVAL
Registration Number:	5142443	REVAL CHOICE
Registration Number:	5142444	REVAL CLEARPATH
Registration Number:	5142442	REVAL CORE
Registration Number:	4258610	SINGLE SOLUTION. TOTAL VISIBILITY.
Registration Number:	4059218	SOLARC
Registration Number:	2351258	SOLARC
Registration Number:	3925111	SOLARC
Registration Number:	3925009	RIGHTANGLE
Registration Number:	2240263	THE WALL STREET SYSTEM
Registration Number:	2233488	WALL STREET SYSTEMS
Registration Number:	3700939	WALLSTREET FX
Registration Number:	3826848	WALLSTREET BACKOFFICE
Registration Number:	3830049	WALLSTREET SUITE
Registration Number:	3830048	WALLSTREET TREASURY
Registration Number:	2233489	WSS
Registration Number:	4370797	COMMODITY XL
Registration Number:	4370798	COMMODITY XL
Registration Number:	5027326	CXL
Registration Number:	2295896	
Registration Number:	2348232	
Registration Number:	2348231	TRIPLE POINT TECHNOLOGY
Serial Number:	87785647	ALLEGRO VISTA
Serial Number:	87599038	
Serial Number:	87599035	OPENLINK
Serial Number:	87635586	OPENLINK AGTECH
Serial Number:	87301663	RAAS
Serial Number:	87599028	OPENLINK

**CORRESPONDENCE DATA****Fax Number:**

*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:** 212-819-2655  
**Email:** iprecordations@whitecase.com  
**Correspondent Name:** Peter Giovine/White & Case LLP  
**Address Line 1:** 1221 Avenue of the Americas  
**Address Line 4:** New York, NEW YORK 10020

<b>ATTORNEY DOCKET NUMBER:</b>	4411002-0032-BC15
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<b>NAME OF SUBMITTER:</b>	Peter Giovine
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<b>SIGNATURE:</b>	/Peter Giovine/
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<b>DATE SIGNED:</b>	10/24/2019
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**Total Attachments: 17**

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## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This **INTELLECTUAL PROPERTY SECURITY AGREEMENT** (as amended, amended and restated, supplemented or otherwise modified from time to time, the “IP Security Agreement”) dated October 24, 2019, is among the Persons listed on the signature pages hereof (collectively, the “Grantors”) and CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH, as collateral agent (the “Collateral Agent”) for the Secured Parties (as defined in the Credit Agreement referred to below).

WHEREAS, HELIOS SOFTWARE HOLDINGS, INC., a Delaware corporation and ION CORPORATE SOLUTIONS FINANCE S.À R.L., a private limited liability company (*société à responsabilité limitée*) incorporated under the laws of the Grand Duchy of Luxembourg, having its registered office at 63-65 rue de Merl, L-2146 Luxembourg, Grand Duchy of Luxembourg and registered with the Luxembourg Trade and Companies Register under number B 233.723, ION CORPORATES INVESTMENT GROUP LIMITED, a private limited company incorporated under the laws of Republic of Ireland with registered number 648231, have entered into the Credit Agreement dated as of October 24, 2019 (as amended, amended and restated, supplemented or otherwise modified from time to time, the “Credit Agreement”), with the lenders and financial institutions from time to time party thereto and CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH, as Administrative Agent, Collateral Agent and a L/C Issuer. Capitalized terms defined in the Credit Agreement or in the Security Agreement (as defined below) and not otherwise defined herein are used herein as defined in the Credit Agreement or the Security Agreement, as the case may be (and in the event of a conflict, the applicable definition shall be the one given to such term in the Security Agreement).

WHEREAS, as a condition precedent to the making of the Loans by the Lenders from time to time and the issuance of Letters of Credit by the L/C Issuers from time to time, the entry into Secured Hedge Agreements by the Hedge Banks from time to time and the entry into Secured Cash Management Agreements by the Cash Management Banks from time to time, each Grantor has executed and delivered that certain U.S. Security Agreement dated October 24, 2019 (as amended, amended and restated, supplemented or otherwise modified from time to time, the “Security Agreement”), among the Grantors from time to time party thereto and the Collateral Agent.

WHEREAS, under the terms of the Security Agreement, the Grantors have granted to the Collateral Agent, for the benefit of the Secured Parties, a security interest in, among other property, certain intellectual property of the Grantors, and have agreed thereunder to execute this IP Security Agreement for recording with the United States Patent and Trademark Office (the “USPTO”) and/or the United States Copyright Office (the “USCO”), as applicable.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor agrees as follows:

Section 1. Grant of Security. Each Grantor hereby grants to the Collateral Agent (and its successors and permitted assigns), for the benefit of the Secured Parties, a security interest in and to all of such Grantor’s right, title and interest in and to the following, whether now owned or hereafter acquired by the undersigned (the “Collateral”):

- (i) all Patents, including, without limitation, the United States federal patents and patent applications set forth in Schedule A hereto (the “Patent Collateral”);
- (ii) all Trademarks, including, without limitation, the United States federal trademark and service mark registrations and applications set forth in Schedule B hereto

(provided that no security interest shall be granted in United States intent-to-use trademark applications prior to the filing of a "Statement of Use" pursuant to Section 1(d) of the Lanham Act or an "Amendment to Allege Use" pursuant to Section 1(c) of the Lanham Act with respect thereto, to the extent that, and solely during the period, if any, in which, the grant of a security interest therein or the assignment thereof would impair the validity or enforceability of any registration that issues from such intent-to-use application under applicable federal law, provided that after any such Statement of Use or Amendment to Allege Use is filed for any such intent-to-use trademark application this grant of a security interest shall automatically apply thereto), together with the goodwill symbolized thereby (the "Trademark Collateral");

(iii) all Copyrights, whether registered or unregistered, including, without limitation, the United States federal copyright registrations and applications set forth in Schedule C hereto (the "Copyright Collateral");

(iv) all reissues, divisionals, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the foregoing, all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of such Grantor accruing thereunder or pertaining thereto;

(v) any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and

(vi) any and all proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and supporting obligations relating to, any and all of the Collateral of or arising from any of the foregoing;

provided that notwithstanding anything to the contrary contained in the foregoing clauses (i) through (vi), the security interest created hereby shall not extend to, and the term "Collateral" shall not include, any Excluded Property.

Section 2. Security for Obligations. The grant of a security interest in the Collateral by each Grantor under this IP Security Agreement secures the payment of all Secured Obligations of such Grantor now or hereafter existing under or in respect of the Secured Documents (as such Secured Documents may be amended, amended and restated, supplemented, replaced, refinanced or otherwise modified from time to time (including any increases of the principal amount outstanding thereunder)). Without limiting the generality of the foregoing, this IP Security Agreement secures, as to each Grantor, the payment of all amounts that constitute part of the Secured Obligations that would be owed by such Grantor to any Secured Party under the Secured Documents but for the fact that they are unenforceable or not allowable due to the existence of a bankruptcy, or reorganization or similar proceeding involving a Loan Party.

Section 3. Recordation. Each Grantor authorizes and requests that the Register of Copyrights, the Commissioner for Patents and the Commissioner for Trademarks record this IP Security Agreement.

Section 4. Execution in Counterparts. This IP Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

Section 5. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Each Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Collateral Agent with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this IP Security Agreement and the terms of the Security Agreement, the terms of the Security Agreement shall govern.

Section 6. Governing Law; Jurisdiction; Etc.

(a) THIS IP SECURITY AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.

(b) EACH PARTY HERETO IRREVOCABLY AND UNCONDITIONALLY SUBMITS, FOR ITSELF AND ITS PROPERTY, TO THE EXCLUSIVE JURISDICTION OF THE COURTS OF THE STATE OF NEW YORK SITTING IN NEW YORK CITY IN THE BOROUGH OF MANHATTAN AND OF THE UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF NEW YORK SITTING IN THE BOROUGH OF MANHATTAN, AND ANY APPELLATE COURT FROM ANY THEREOF, IN ANY ACTION OR PROCEEDING ARISING OUT OF OR RELATING TO THIS IP SECURITY AGREEMENT, OR FOR RECOGNITION OR ENFORCEMENT OF ANY JUDGMENT, AND EACH OF THE PARTIES HERETO IRREVOCABLY AND UNCONDITIONALLY AGREES THAT ALL CLAIMS IN RESPECT OF ANY SUCH ACTION OR PROCEEDING MAY BE HEARD AND DETERMINED IN SUCH NEW YORK STATE COURT OR, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, IN SUCH FEDERAL COURT. EACH OF THE PARTIES HERETO AGREES THAT A FINAL JUDGMENT IN ANY SUCH ACTION OR PROCEEDING SHALL BE CONCLUSIVE AND MAY BE ENFORCED IN OTHER JURISDICTIONS BY SUIT ON THE JUDGMENT OR IN ANY OTHER MANNER PROVIDED BY LAW. NOTHING IN THIS IP SECURITY AGREEMENT SHALL AFFECT ANY RIGHT THAT THE COLLATERAL AGENT, ANY LENDER OR ANY L/C ISSUER MAY OTHERWISE HAVE TO BRING ANY ACTION OR PROCEEDING RELATING TO THIS IP SECURITY AGREEMENT OR THE RECOGNITION OR ENFORCEMENT OF ANY JUDGMENT AGAINST ANY LOAN PARTY OR ITS PROPERTIES IN THE COURTS OF ANY JURISDICTION.

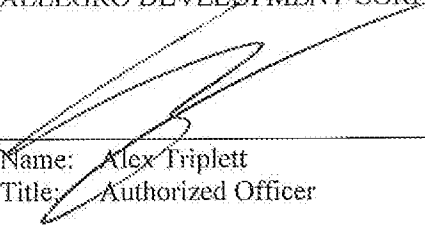
(c) EACH PARTY HERETO IRREVOCABLY AND UNCONDITIONALLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY OBJECTION THAT IT MAY NOW OR HEREAFTER HAVE TO THE LAYING OF VENUE OF ANY ACTION OR PROCEEDING ARISING OUT OF OR RELATING TO THIS IP SECURITY AGREEMENT IN ANY COURT REFERRED TO IN CLAUSE (b) OF THIS SECTION 6. EACH OF THE PARTIES HERETO HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, THE DEFENSE OF AN INCONVENIENT FORUM TO THE MAINTENANCE OF SUCH ACTION OR PROCEEDING IN ANY SUCH COURT.

(d) EACH PARTY HERETO IRREVOCABLY CONSENTS TO SERVICE OF PROCESS IN THE MANNER PROVIDED FOR NOTICES IN SECTION 10.02 OF THE CREDIT AGREEMENT. NOTHING IN THIS IP SECURITY AGREEMENT WILL AFFECT THE RIGHT OF ANY PARTY HERETO TO SERVE PROCESS IN ANY OTHER MANNER PERMITTED BY APPLICABLE LAW.

(e) EACH PARTY TO THIS IP SECURITY AGREEMENT HEREBY EXPRESSLY WAIVES ANY RIGHT TO TRIAL BY JURY OF ANY CLAIM, DEMAND, ACTION OR CAUSE OF ACTION ARISING UNDER THIS IP SECURITY AGREEMENT OR IN ANY WAY CONNECTED WITH OR RELATED OR INCIDENTAL TO THE DEALINGS OF THE PARTIES HERETO OR ANY OF THEM WITH RESPECT TO THIS IP SECURITY AGREEMENT, OR THE TRANSACTIONS RELATED THERETO, IN EACH CASE WHETHER NOW EXISTING OR HEREAFTER ARISING, AND WHETHER FOUNDED IN CONTRACT OR TORT OR OTHERWISE; AND EACH PARTY HEREBY AGREES AND CONSENTS THAT ANY SUCH CLAIM, DEMAND, ACTION OR CAUSE OF ACTION SHALL BE DECIDED BY COURT TRIAL WITHOUT A JURY, AND THAT ANY PARTY TO THIS IP SECURITY AGREEMENT MAY FILE AN ORIGINAL COUNTERPART OR A COPY OF THIS SECTION 6(e) WITH ANY COURT AS WRITTEN EVIDENCE OF THE CONSENT OF THE SIGNATORIES HERETO TO THE WAIVER OF THEIR RIGHT TO TRIAL BY JURY.

IN WITNESS WHEREOF, each Grantor and the Collateral Agent have caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first written above.

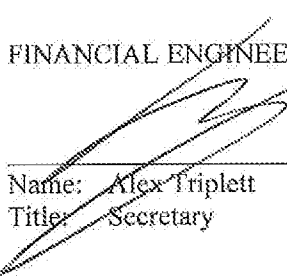
WALL STREET SYSTEMS DELAWARE, INC.  
REVAL.COM, INC.  
ALLEGRO DEVELOPMENT CORPORATION



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Name: Alex Triplett  
Title: Authorized Officer

FINANCIAL ENGINEERING ASSOCIATES, INC.



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Name: Alex Triplett  
Title: Secretary



TRIPLE POINT TECHNOLOGY, LLC



By: \_\_\_\_\_

Name: Alex Triplett

Title: President

OPENLINK FINANCIAL LLC



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Name: Ashley Woods

Title: Secretary

SOLARC, LLC

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Name: Richard Grossi

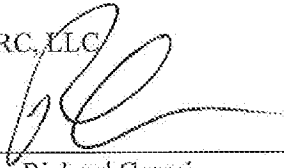
Title: Chief Executive Officer

OPENLINK FINANCIAL LLC

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Name: Ashley Woods  
Title: Secretary

SOLARC, LLC



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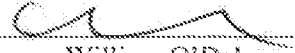
Name: Richard Grossi  
Title: Chief Executive Officer

WALL STREET SYSTEMS TREASURY INC.

Name: Alex Triplett

Title: Chief Financial Officer and Authorized Officer

CREDIT SUISSE AG, CAYMAN ISLANDS  
BRANCH,  
as Collateral Agent

By:   
Name: William O'Daly  
Title: Authorized Signatory

By:   
Name: D. Andrew Maletta  
Title: Authorized Signatory

**Schedule A  
to Intellectual Property Security Agreement**

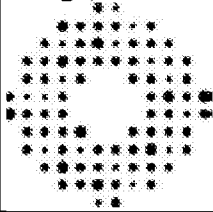


Patents

<u>Owner</u>	<u>Title</u>	<u>Application No.</u>	<u>Patent No.</u>	<u>Status</u>
Financial Engineering Associates, Inc.	System and method for determination of incremental value at risk for securities trading	08/600,685	5,819,237	Expired - Within 6 years after expiration date
Financial Engineering Associates, Inc.	Transformation of real time data into times series and filtered real time data within a spreadsheet application	08/709,101	5,926,822	Expired - Within 6 years after expiration date
Financial Engineering Associates, Inc.	Watershed method for controlling cashflow mapping in value at risk determination	09/109,110	6,122,623	Expired - Within 6 years after expiration date


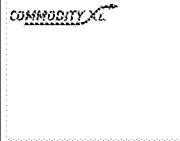


**Schedule B  
to Intellectual Property Security Agreement**

Trademarks

<b>Owner</b>	<b>Title</b>	<b>Application No.</b>	<b>Registration No.</b>	<b>Status</b>
Allegro Development Corporation	ALLEGRO	77/323,801	3,556,113	Registered
Allegro Development Corporation	ALLEGRO HORIZON	86/893,340	5,336,021	Registered
Allegro Development Corporation	ALLEGRO VISTA	87/785,647	N/A	Pending – “Intent to Use”
Financial Engineering Associates, Inc.	@ENERGY/ POWERWORKS	85476759	4529992	Registered
Financial Engineering Associates, Inc.	@EQUITY (STYLIZED)	75100047	2109907	Registered
Financial Engineering Associates, Inc.	@GLOBAL (STYLIZED)	74181015	1752287	Registered
Financial Engineering Associates, Inc.	@INTEREST (STYLIZED)	74395247	1860319	Registered
Financial Engineering Associates, Inc.	FEA	77851723	3799345	Registered
Financial Engineering Associates, Inc.	FEA and Design	74249904	1738136	Registered
Financial Engineering Associates, Inc.	POWERWORKS	85476753	4491592	Registered
Financial Engineering Associates, Inc.	ProNG+	77769024	3833626	Registered
Financial Engineering Associates, Inc.	STRUCTURETOOL	78820944	3263167	Registered
Financial Engineering Associates, Inc.	VARWORKS	74631222	2019804	Registered
Financial Engineering Associates, Inc.	@ENERGY (STYLIZED)	74629565	2239086	Registered

Owner	Title	Application No.	Registration No.	Status
OpenLink Financial LLC	MISCELLANEOUS DESIGN (Dot Circle Design) 	87/599,038		Pending –“Intent to Use”
OpenLink Financial LLC	ENDUR	76/372,584	2,723,554	Registered
OpenLink Financial LLC	FINDUR	86/972,577	5,082,124	Registered
OpenLink Financial LLC	O DESIGN 	76/364,166	2,770,873	Registered
OpenLink Financial LLC	OPENLINK	87/599,028		Pending –“Intent to Use”
OpenLink Financial LLC	OPENLINK & DESIGN 	76/372,573	2,749,531	Registered
OpenLink Financial LLC	OPENLINK & Design	87/599,035		Pending –“Intent to Use”
OpenLink Financial LLC	OPENLINK AGTECH	87/635,586		Pending –“Intent to Use”
OpenLink Financial LLC	RAAS	87/301,663		Pending –“Intent to Use”
Reval.com, Inc.	REVAL	75821375	2,571,922	Registered
Reval.com, Inc.	REVAL (Stylized)	76289090	2,617,759	Registered
Reval.com, Inc.	REVAL CHOICE	86634112	5,142,443	Registered
Reval.com, Inc.	REVAL CLEARPATH	86634115	5,142,444	Registered
Reval.com, Inc.	REVAL CORE	86634111	5,142,442	Registered
Reval.com, Inc.	SINGLE SOLUTION. TOTAL VISIBILITY.	85393363	4,258,610	Registered
SOLARC, LLC	SOLARC	85/257,191	4,059,218	Registered
SOLARC, LLC	SOLARC	75/504,679	2,351,258	Registered
SOLARC, LLC	SOLARC (STYLIZED)	85/056,595	3,925,111	Registered



Owner	Title	Application No.	Registration No.	Status
				
SOLARC, LLC	RIGHT ANGLE	85021099	3925009	Registered
Wall Street Systems Delaware, Inc.	THE WALL STREET SYSTEM	75324215	2240263	Registered
Wall Street Systems Delaware, Inc.	WALL STREET SYSTEMS	75324213	2233488	Registered
Wall Street Systems Delaware, Inc.	WALLSTREET FX	77578634	3700939	Registered
Wall Street Systems Delaware, Inc.	WALLSTREETBACKOFFICE	77578625	3826848	Registered
Wall Street Systems Delaware, Inc.	WALLSTREETSUITE	77578646	3830049	Registered
Wall Street Systems Delaware, Inc.	WALLSTREETTREASURY	77578631	3830048	Registered
Wall Street Systems Delaware, Inc.	WSS	75324214	2233489	Registered
TRIPLE POINT TECHNOLOGY, LLC	COMMODITY XL	85619695	4370797	Registered
TRIPLE POINT TECHNOLOGY, LLC		85619746	4370798	Registered
TRIPLE POINT TECHNOLOGY, LLC	CXL	85616375	5027326	Registered
TRIPLE POINT TECHNOLOGY, LLC		75567084	2295896	Registered
TRIPLE POINT TECHNOLOGY, LLC		75567082	2348232	Registered
TRIPLE POINT TECHNOLOGY, LLC	TRIPLE POINT TECHNOLOGY	75567081	2348231	Registered

**Schedule C  
to Intellectual Property Security Agreement**

Copyrights

<b>Owner</b>	<b>Title</b>	<b>Registration No.</b>	<b>Date</b>
Allegro Development Corporation	Allegro Exploration & Production Release 5.2	TXu000935712	2000-03-13
Allegro Development Corporation	Allegro Financials Release 5.2	TXu000935711	2000-03-13
Allegro Development Corporation	Allegro Natural Gas Release 5.2	TXu000941136	2000-03-13
Allegro Development Corporation	Allegro Power Release	TXu000941866	2000-03-13
Allegro Development Corporation	Allegro Risk Management Release 5.2	TXu000940847	2000-03-14
Allegro Development Corporation	Allegro liquids, release 5.2.	TXu000942607	2000-03-20
OpenLink Financial LLC	Abacus system source code deposit	TX0004344709	1996-06-27
SolArc, LLC	Right angle 3.1	TX0004856047	1998-10-26
SolArc, LLC	Right angle 2.1	TX0005339593	1998-10-26
SolArc, LLC	Right angle 3.0	TX0005339594	1998-10-26
SolArc, LLC	SolArc RightAngle 3.3	TX0005877893	2003-12-20
SolArc, LLC	RAEOTT	TX0005877894	2003-12-20
SolArc, LLC	SolArc RightAngle 4.0	TX0005880197	2003-12-20
SolArc, LLC	Solarc rightAngle 3.2	TX0005889339	2003-12-24
SolArc, LLC	SolArc rightangle training materials	TX0005917583	2003-11-25
Wall Street Systems Delaware, Inc.	Wall Street System: version 3, including modules)	TX0006145262	2005-03-11

Owner	Title	Registration No.	Date
Wall Street Systems Delaware, Inc.	GBS	TX0006858211	2008-07-18
Wall Street Systems Delaware, Inc.	The Wall Street System: version 4, including modules	TX0006145261	2005-03-11
Wall Street Systems Delaware, Inc.	Atlas & CLS	TX0006866636	2008-07-18
Wall Street Systems Delaware, Inc.	Wall Street System, Version 4.3, including modules.	TXu001684481	2008-05-28
Triple Point Technology, LLC	CXL for Gas.	TX0008434779	2017-10-05
Triple Point Technology, LLC	CXL for Credit Risk.	TX0008434768	2017-10-05
Triple Point Technology, LLC	ICE feeder.	V3548D290	2007
Triple Point Technology, LLC	NYMEX feeder.	V3548D290	2007
Triple Point Technology, LLC	Mainshell.	TX0004799853	1998-06-08
Triple Point Technology, LLC	Core routine file.	TX0004799855	1998-06-08
Triple Point Technology, LLC	Value at risk calculator.	TX0004799854	1998-06-08
Triple Point Technology, LLC	Forward curves window.	TX0004799852	1998-06-08
Triple Point Technology, LLC	FUTRAK bas operating system reference manual.	TX0002686396	1989-10-19
Triple Point Technology, LLC	FUTRAK advanced currency trading system (FACTS) source code.	TX0002512771	1989-02-21
Triple Point Technology, LLC	FUTRAK caps, floors, and collars reference manual: FUTRAK 6.0, manual version 1.0.	TX0002886709	1990-08-02
Triple Point Technology, LLC	FUTRAK: data extract utility reference manual.	TX0002886362	1990-08-02
Triple Point Technology, LLC	FUTRAK foreign currency management: FUTRAK 6.0, manual version 1.0.	TX0002886708	1990-08-02
Triple Point Technology, LLC	Futrak graphics (source code)	TX0001571437	1985-02-01
Triple Point Technology, LLC	Futrak (source code)	TX0001384350	1984-07-12
Triple Point Technology, LLC	Futrak interest rate and currency swaps-user's guide.	TX0002243238	1998-01-21
Triple Point Technology, LLC	FUTRAK swaps reference manual.	TX0002886296	1990-08-02

Owner	Title	Registration No.	Date
Triple Point Technology, LLC	Futrak: version 2.1 (source code)	TX0001917769	1986-05-06
Triple Point Technology, LLC	Futrak, version 2.2 (source code)	TX0002099966	1987-05-06
Triple Point Technology, LLC	Futures and options brokerage system (FOBS): source code.	TX0002566394	1989-04-25
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