# OP \$390.00 7701166

# TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 ETAS ID: TM594324

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

## **CONVEYING PARTY DATA**

Name	Formerly	Execution Date	Entity Type
Novinium, Inc.		08/14/2020	Corporation: DELAWARE
UTILX Corporation		08/14/2020	Corporation: DELAWARE
Utilx Overseas Holdings, Inc.		08/14/2020	Corporation: DELAWARE
Plenovo, Inc.		08/14/2020	Corporation: DELAWARE

## **RECEIVING PARTY DATA**

Name:	Star Mountain Diversified Credit Income Fund III, LP
Street Address:	140 East 45th Street
Internal Address:	37th Floor
City:	New York
State/Country:	NEW YORK
Postal Code:	10017
Entity Type:	Limited Partnership: DELAWARE

## **PROPERTY NUMBERS Total: 15**

Property Type	Number	Word Mark	
Serial Number:	77011668	CABLECURE	
Serial Number:	74184200	CABLECURE	
Serial Number:	74187092	CABLECURE	
Serial Number:	86222793	CABLECURE	
Serial Number:	74136360	CABLECURE	
Serial Number:	88567385	CABLECURE XLG	
Serial Number:	86208133	CABLEWISE	
Serial Number:	86038945	MASTERS OF RELIABILITY	
Serial Number:	86222843	MAXIMUM RELIABILITY AT MINIMUM COST	
Serial Number:	76536114	NOVINIUM	
Serial Number:	87887066	PLENOVO	
Serial Number:	86955450	PREVENT	
Serial Number:	74136886	UTILX	
Serial Number:	86203270	UTILX	
Serial Number:	86223510	X	

TRADEMARK REEL: 007034 FRAME: 0523

#### **CORRESPONDENCE DATA**

**Fax Number:** 2158325619

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:** 2155695619

**Email:** pecsenye@blankrome.com

Correspondent Name: Timothy D. Pecsenye (154502-01012 ND)

Address Line 1: One Logan Square

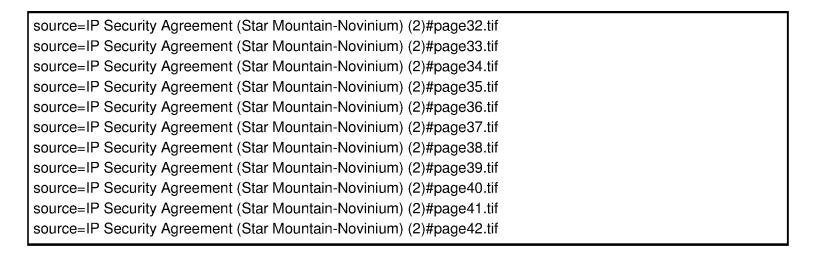
Address Line 2: 8th Floor

Address Line 4: Philadelphia, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	154502-01012
NAME OF SUBMITTER:	Timothy D. Pecsenye
SIGNATURE:	/Timothy D. Pecsenye/
DATE SIGNED:	08/26/2020

## **Total Attachments: 42**

source=IP Security Agreement (Star Mountain-Novinium) (2)#page1.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page2.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page3.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page4.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page5.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page6.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page7.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page8.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page9.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page10.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page11.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page12.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page13.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page14.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page15.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page16.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page17.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page18.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page19.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page20.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page21.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page22.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page23.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page24.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page25.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page26.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page27.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page28.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page29.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page30.tif source=IP Security Agreement (Star Mountain-Novinium) (2)#page31.tif



## PATENTS, TRADEMARKS AND COPYRIGHTS SECURITY AGREEMENT

This Patents, Trademarks and Copyrights Security Agreement ("<u>Agreement</u>") is made as of the 14<sup>th</sup> day of August, 2020, by the Persons listed on the signature pages hereof (collectively and individually, "<u>Company</u>"), and delivered to STAR MOUNTAIN DIVERSIFIED CREDIT INCOME FUND III, LP, having a mailing address of c/o Star Mountain Capital, LLC, Two Grand Central Tower, 140 East 45<sup>th</sup> Street, 37<sup>th</sup> Floor, New York, New York 10017, as agent ("<u>Agent</u>") for the lenders identified in the Credit Agreement, as that term is defined below (the lenders, together with each of their successors and assigns, each individually a "<u>Lender</u>" and collectively the "<u>Lenders</u>").

#### **BACKGROUND**

- A. This Agreement is being executed and delivered to Agent as additional security for the Obligations of Credit Parties under that certain Revolving Credit, Term Loan and Security Agreement, dated as of even date herewith (as amended, restated, amended and restatement, supplemented, replaced or otherwise modified from time to time, the "Credit Agreement"), by and among NOVINIUM, INC., a Delaware corporation ("Novinium"), Agent, PNC Bank, National Association, as revolving agent ("Revolving Agent"), and each of the financial institutions identified as Lenders on Schedule 1.2(b) to the Credit Agreement. Capitalized terms not defined herein shall have the meanings given to such terms in the Credit Agreement.
- B. Company has filed applications for and/or obtained registrations of the patents, if any, (collectively, the "Patents"); trademarks and service marks, if any, (collectively, "Trademarks"); and copyrights, if any, which have been federally registered (collectively, the "Copyrights"); listed on **Schedule A** attached hereto and made part hereof (all such Patents, Trademarks, and Copyrights hereinafter referred to as the "Assets").

NOW THEREFORE, with the foregoing Background hereinafter deemed incorporated by reference and made a part hereof, and in consideration of the premises and mutual promises herein contained, the parties hereto, intending to be legally bound hereby, covenant and agree as follows:

- 1. In consideration of and pursuant to the terms of the Credit Agreement and all Other Documents, and for other good, valuable and sufficient consideration, the receipt of which is hereby acknowledged, and to secure the Obligations, each Company grants to Agent, for the ratable benefit of Revolving Agent and Lenders, a lien and security interest in all of its present and future right, title and interest in and to the Assets and the goodwill associated therewith, and the registration thereof and the right (but not the obligation) to sue for past, present and future infringements, and the proceeds thereof, including, without limitation, license royalties and proceeds of infringement suits.
  - 2. Each Company represents, warrants and covenants that:
- (a) To the best of each Company's knowledge, without investigation, the Assets are subsisting and have not been adjudged invalid or unenforceable;
- (b) To the best of each Company's knowledge, without investigation, each of the Assets is valid and enforceable;
  - (c) To the best of each Company's knowledge, without investigation, the Company

listed on <u>Schedule A</u> as the owner of each Asset (the "<u>Applicable Company</u>") is the sole and exclusive owner of the entire and unencumbered right, title and interest in and to such Assets, and each of the Assets is free and clear of any Liens (other than Permitted Encumbrances), claims, charges and encumbrances, including, without limitation, pledges, assignments, licenses and covenants by the Applicable Company not to sue third persons; Applicable Company has the power to transfer the Assets with respect to which it has purported to grant a security interest hereunder, free and clear of all Liens (other than Permitted Encumbrances) or encumbrances of any kind;

- (d) Each Company has the unqualified corporate or organizational right, power and authority to enter into this Agreement and perform its terms including the authority to grant a security interest hereunder;
- (e) The Assets listed on <u>Schedule A</u> constitute all of the federally registered Assets, and all applications for any of the foregoing, now owned by either Company which are necessary and material for the conduct of their business. If, before all Obligations shall have been indefeasibly paid and satisfied in full and the Credit Agreement shall have been terminated, either Company shall obtain rights as a registrant for any new registered patent, trademark or copyright or application therefor, the provisions of this Agreement shall automatically apply thereto and such patent, trademark or copyright or application therefor shall be deemed part of the Assets. Company shall give Agent prompt written notice thereof along with an amended <u>Schedule A</u>.
- 3. Company shall: (i) perform all of its obligations under or in connection with the Assets in accordance with customary business practices, (ii) not alter or permit the alteration of any material portion (individually or collectively) of the Assets, (iii) not do or permit any act which would impair any material portion of the Assets, (iv) except as permitted herein and the Credit Agreement, not sell, convey, assign or otherwise dispose of, or grant any option to, any of the Assets, and (v) reasonably maintain in good condition all of the records with respect to the Assets.
- 4. Company shall not enter into any agreement or take any other action, that would materially restrict the transferability of any of the Assets or otherwise materially impair or conflict with its obligations or the rights of the Agent, Revolving Agent or Lenders hereunder.
- 5. So long as an Event of Default has not occurred and is continuing under the Credit Agreement, the Applicable Company shall continue to have the exclusive right to use, license, sell or otherwise deal with the Assets subject to the terms of the Credit Agreement and Agent, Revolving Agent and Lenders shall have no right to use the Assets or issue any exclusive or non-exclusive license with respect thereto, or assign, pledge or otherwise transfer title in the Assets to anyone else.
- 6. If and while an Event of Default exists and is continuing under the Credit Agreement, each Company hereby covenants and agrees that Agent, as the holder of a security interest under the Uniform Commercial Code as now or hereafter in effect in the State of New York, may take such action permitted under the Other Documents or permitted by law, in its exclusive discretion, to foreclose upon the Assets covered hereby. In such event, each Company hereby authorizes and empowers Agent, its successors and assigns, and any officer or agent of Agent as Agent may select, in its exclusive discretion, as such Company's true and lawful attorney-in-fact, with the power to endorse such Company's name on all applications, assignments, documents, papers and instruments necessary for Agent to use the Assets or to grant or issue any exclusive or non-exclusive license under the Assets to anyone else, or necessary for Agent to assign, pledge, convey or otherwise transfer title in or dispose of the Assets to anyone else including, without limitation, the power to execute an assignment in the form attached hereto as

- **Exhibit 1**. Each Company hereby ratifies all that such attorney shall lawfully do or cause to be done by virtue hereof and in accordance with the terms hereof, except for the gross negligence or willful misconduct of such attorney. This power of attorney is coupled with an interest and with full power of substitution and shall be irrevocable for the life of this Agreement and the Other Documents, and until all Obligations (other than Inchoate Obligations) are indefeasibly paid and satisfied in full and the Credit Agreement is terminated.
- 7. This Agreement shall be subject to the terms, provisions, and conditions set forth in the Credit Agreement and may not be modified without the written consent of the parties hereto.
- 8. All rights and remedies herein granted to Agent, Revolving Agent and Lenders shall be in addition to any rights and remedies granted under the Credit Agreement and the Other Documents. In the event of an inconsistency between this Agreement and the Credit Agreement, the language of the Credit Agreement shall control.
- 9. Upon Borrowers' performance of all of the obligations under the Credit Agreement and the Other Documents and full and unconditional satisfaction of all Obligations (other than the Inchoate Obligations), Agent shall execute and deliver to the Applicable Company all documents necessary to terminate Agent's security interest in the Assets.
- 10. Reasonable fees, costs and expenses, including the reasonable documented out-of-pocket attorneys' fees and legal expenses incurred by Agent or any Lender in connection with the preparation of this Agreement and all other documents relating hereto and the consummation of this transaction, the filing or recording of any documents (including all taxes in connection therewith) in public offices, the payment or discharge of any taxes, reasonable counsel fees, maintenance fees, encumbrances or costs otherwise incurred in protecting, maintaining or preserving the Assets, or in defending or prosecuting any actions or proceedings arising out of or related to the Assets, or defending, protecting or enforcing Agent's rights hereunder, in each case in accordance with the terms of this Agreement, shall be borne and paid by Company on demand by Agent or any Lender and until so paid shall be added to the principal amount of Obligations and shall bear interest at the otherwise applicable rate of interest prescribed in the Credit Agreement.
- 11. The Applicable Company shall have the right to bring suit in its own name to enforce the Assets, in which event Agent may, if such Applicable Company reasonably deems it necessary, be joined as a nominal party to such suit if Agent shall have been satisfied, in its reasonable discretion, that Agent is not thereby incurring any risk of liability because of such joinder. Each Company shall promptly, upon demand, reimburse and indemnify Agent for all actual damages, reasonable costs and expenses, including reasonable documented out-of-pocket attorneys' fees, incurred by Agent in the fulfillment of the provisions of this paragraph.
- 12. During the existence of an Event of Default under the Credit Agreement, Agent may, without any obligation to do so, complete any obligation of either Company hereunder, in either Company's name or in Agent's name, but at Company's expense, and each Company hereby agrees to reimburse Agent in full for all reasonable costs and expenses, including reasonable attorneys' fees, incurred by Agent or any Lender in protecting, defending and maintaining the Assets.
- 13. No course of dealing between any or all Borrowers and Agent, Revolving Agent or any Lender nor any failure to exercise, nor any delay in exercising, on the part of Agent, Revolving Agent or any Lender, any right, power or privilege hereunder, shall operate as a waiver thereof, and all of Agent's,

Revolving Agent's and Lenders' rights and remedies with respect to the Assets, whether established hereby or by the Other Documents, or by any other future agreements between any or all Borrowers and Agent, Revolving Agent or any Lender or by law, shall be cumulative and may be exercised singularly or concurrently.

- 14. The provisions of this Agreement are severable and the invalidity or unenforceability of any provision herein shall not affect the remaining provisions which shall continue unimpaired and in full force and effect.
- 15. This Agreement shall inure to the benefit of and be binding upon the respective successors and permitted assigns of the parties.
- 16. This Agreement shall be governed by and construed in conformity with the laws of the State of New York without regard to its otherwise applicable principles of conflicts of laws.
- 17. Each Company and Agent waive any and all rights it may have to a jury trial in connection with any litigation, proceeding or counterclaim arising with respect to rights and obligations of the parties hereto or under the Credit Agreement and the Other Documents.

[Signature Page Follows]

Dated the date and year first written above.

**NOVINIUM, INC.** 

Name: Ben Schneider Title: Chief Financial Officer

Secretary

**UTILX CORPORATION** 

Name: Ben Schneider Title: Treasurer and Secretary

UTILX OVERSEAS HOLDINGS, INC.

Title: Treasurer and Secretary

PLENOVO, INC.

Name: Ben Schneider

Title: Treasurer and Secretary

[Signatures Continued on Following Page]

Approved and Accepted:

STAR MOUNTAIN DIVERSIFIED CREDIT INCOME FUND  $\gamma \Pi_{J} \perp P$ 

Name: Brett Hickey

Title: Authorized Signatory

# **SCHEDULE A**

## **US TRADEMARKS:**

Mark	Registratio n No/ (Applicatio n No.)	Referenc e No.	Country	Registratio n Date/ (Applicatio n Date)	Assignee	Status
CABLECURE	77/011668	NVNM- 2- 0034447	USA	8/14/2007	Novinium, Inc.	Registere d
CABLECURE	74/184200	NVNM- 2- 0009350	USA	3/23/1993	UTILX Corporatio	To Lapse
CABLECURE & Design	74/187092	NVNM- 2- 0009349	USA	3/22/1994	UTILX Corporatio	To Lapse
CABLECURE & Starburst Design	86/222793	NVNM- 2- 0053002	USA	2/24/2015	Novinium, Inc.	To Lapse
CABLECURE (Stylized Letters)	74/136360	NVNM- 2- 0009351	USA	4/19/1994	Novinium, Inc.	To Lapse
CABLECURE XLG	88/567385	NVNM- 2- 0059356	USA		Novinium, Inc.	Pending
CABLEWISE & Starburst Design	86/208133	NVNM- 2- 0053003	USA	2/24/2015	UTILX Corporatio	To Lapse
MASTERS OF RELIABILIT Y	86/038945	NVNM- 2- 0055351	USA	4/22/2014	Novinium, Inc.	Registere d
MAXIMUM RELIABILIT Y AT MINIMUM COST	86/222843	NVNM- 2- 0053004	USA	2/24/2015	UTILX Corporatio n	To Lapse

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REEL: 007034 FRAME: 0532

Mark	Registratio n No/ (Applicatio n No.)	Referenc e No.	Country	Registratio n Date/ (Applicatio n Date)	Assignee	Status
NOVINIUM	76/536114	NVNM- 2- 0055139	USA	5/30/2006	Novinium, Inc.	Registere d
PLENOVO	87/887066	NVNM- 2- 0058375	USA		Novinium Licensing, Inc.	Pending
PreVent	86/955450	NVNM- 2- 0055140	USA	2/6/2018	Novinium, Inc.	Registere d
UTILX	74/136886	NVNM- 2- 0007425	USA	12/8/1992	UTILX Corporatio	To Lapse
UTILX & Starburst Design	86/203270	NVNM- 2- 0053001	USA	2/17/2015	UTILX Corporatio n	To Lapse
X & Starburst Design	86/223510	NVNM- 2- 0053000	USA	2/10/2015	UTILX Corporatio n	To Lapse

# FOREIGN TRADEMARKS:

Mark	Registratio n No/ (Applicatio n No.)	Referenc e No.	Country	Registratio n Date/ (Applicatio n Date)	Assignee	Status
CABLECUR E	677,617	NVNM- 2- 0009441	Canada	7/24/1992	UTILX Corporatio n	To Lapse
CABLECUR E	686,399	NVNM- 2- 0009442	Canada	3/4/1994	UTILX Corporatio n	To Lapse
CABLECUR E	1,341,832	NVNM- 2-	Canada	5/11/2009	UTILX Corporatio	Registere d

Mark	Registratio n No/ (Applicatio n No.)	Referenc e No.	Country	Registratio n Date/ (Applicatio n Date)	Assignee	Status
		0035376			n	
CABLECUR E	2007-31254	NVNM- 2- 0035379	Japan	10/31/2008	Novinium, Inc.	To Lapse
CABLECUR E & Starburst Design	1436005307	NVNM- 2- 0053298	Saudi Arabia	9/16/2015	UTILX Corporatio n	To Lapse
CABLECUR E & Starburst Design	1436005308	NVNM- 2- 0053416	Saudi Arabia	9/16/2015	UTILX Corporatio n	To Lapse
CABLECUR E XLG	2,009,489	NVNM- 2- 0059838	Canada	7/24/1992	Novinium, Inc.	Pending
MASTERS OF RELIABILIT Y	1,639,787	NVNM- 2- 0055352	Canada	4/15/2015	Novinium, Inc.	Registere d
PERFICIO	1,639,782	NVNM- 2- 0055350	Canada	7/17/2015	Novinium, Inc.	To Lapse
PLENOVO	1,898,796	NVNM- 2- 0058424	Canada		Novinium Licensing, Inc.	Pending
PreVent		NVNM- 2- 0055640	Australia	1/11/2018	Novinium, Inc.	Registere d
PREVENT	1,895,497	NVNM- 2- 0058343	Canada		Novinium Licensing, Inc.	Pending
PreVent		NVNM- 2- 0055641	China	7/5/2018	Novinium, Inc.	Registere d

Mark	Registratio n No/ (Applicatio n No.)	Referenc e No.	Country	Registratio n Date/ (Applicatio n Date)	Assignee	Status
PreVent		NVNM- 2- 0055642	European Union	2/16/2018	Novinium, Inc.	Registere d
PreVent	303915937	NVNM- 2- 0055638	Hong Kong	6/1/2017	Novinium, Inc.	Registere d
PreVent	A0061862	NVNM- 2- 0055639	Internation al	9/14/2017	Novinium, Inc.	Registere d
ULTRINIUM	1,639,781	NVNM- 2- 0055348	Canada	3/5/2015	Novinium, Inc.	Registere d
UTILX	686,010	NVNM- 2- 0007877	Canada	7/8/1994	UTILX Corporatio n	To Lapse

# **COPYRIGHTS**:

Application No. Application Date None.
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# **PATENTS**:

Patent	Application No.	Reference No.	Application Filed	Jurisdiction	Paten t No.	Assignee	Status
Connections and Termination s for Cables	09/689296	NVNM-1- 0016339	10/11/2000	US	64895 54	UTILX Corporation	Issued
Time	09/732448	NVNM-1-	12/6/2000	US	66464	UTILX	Issued

154502.01012/123623284v.6 TRADEMARK
REEL: 007034 FRAME: 0535

Patent	Application	Reference	Application	Jurisdiction	Paten	Assignee	Status
	No.	No.	Filed		t No.		
Domain		0016599			51	Corporation	
Reflectomet		0010377				Corporation	
er Display							
Method							
Long Range						UTILX	
Electronic						Corporation	
Guidance						1	
System for		NVNM-1-			65435		
Locating a	09/747162	0016761	12/21/2000	US	50		Issued
Discrete In-		0010701			30		
Ground							
Boring							
Device							
Method and						UTILX	
Apparatus						Corporation	
for Blocking		NINININ # 1			65170		
Pathways	10/013940	NVNM-1-	12/6/2001	US	65173		Issued
Between a Power Cable		0018369			66		
and the							
Environment							
Method and						UTILX	
Apparatus						Corporation	
for Blocking						Corporation	
Pathways	10/245422	NVNM-1-	1 /1 2 /2 0 0 2	***	69294		
Between a	10/345433	0019663	1/13/2003	US	92		Issued
Power Cable							
and the							
Environment							
METHOD						Novinium,	
FOR						Inc.	
TREATING							
ELECTRIC		0064767					
AL CABLE	2557164	0064565-	3/1/2005	CA	25571		Issued
AT		003CA0			64		
SUSTAINE							
D ELEVATED							
PRESSURE							
METHOD						Novinium,	
FOR	2557167	0064565-	3/1/2005	CA	25571	Inc.	Issued
SELECTIN	255/10/	001CA0	3/1/2003		67	me.	100000

Patent	Application	Reference	Application	Jurisdiction	Paten	Assignee	Status
	No.	No.	Filed		t No.		
~							
G							
FORMULA							
TIONS TO							
TREAT							
ELECTRIC							
AL							
CABLES						XT	
High-		0064565			25571	Novinium,	
Pressure	2557169	0064565-	3/1/2005	CA	25571	Inc.	Issued
Power Cable		002CA0			69		
Connector							
METHOD						Novinium,	
FOR						Inc.	
SELECTIN							
G		0064565			17440		
FORMULA	5724258.8	0064565-	3/1/2005	EP	17448		Issued
TIONS TO		001EP0			66		
TREAT							
ELECTRIC							
AL CABLES							
						Novinium,	
High- Pressure		0064565-			17237	Inc.	
	5724261.2	0004363- 002EP0	3/1/2005	EP	00	inc.	Issued
Power Cable Connector		002EP0			00		
						Novinium,	
High- Pressure	10-2006-	0064565-			10-		
Pressure Power Cable	7020263	0004363- 002KR0	3/1/2005	KR	10051	Inc.	Issued
	1020203	002KK0			27		
Connector METHOD						Novinium,	
FOR						Inc.	
SELECTIN						inc.	
G							
FORMULA	10-2006-	0064565-			10-		
TIONS TO	7020265	0004303- 001KR0	3/1/2005	KR	10051		Issued
TREAT	1020203	JULIKI			51		
ELECTRIC							
AL							
CABLES							
METHOD					10-	Novinium,	
FOR	10-2006-	0064565-	3/1/2005	KR	10051	Inc.	Issued
TREATING	7020266	003KR0	3/1/2003		75	1110.	100404

Patent	Application	Reference	Application	Jurisdiction	Paten	Assignee	Status
	No.	No.	Filed		t No.		
ELECTRIC							
AL CABLE							
AT							
SUSTAINE							
D							
ELEVATED							
PRESSURE							
METHOD						Novinium,	
FOR						Inc.	
SELECTIN							
G							
FORMULA	44/0=0.000	0064565-	<b>24400</b>	****	7,611,		
TIONS TO	11/070,390	001US0	3/1/2005	US	748		Issued
TREAT							
ELECTRIC							
AL							
CABLES							
High-						Novinium,	
Pressure		0064565-			7,195,	Inc.	
Power Cable	11/070,393	002US0	3/1/2005	US	504		Issued
Connector							
METHOD						Novinium,	
FOR						Inc.	
TREATING							
ELECTRIC							
AL CABLE	11/070 010	0064565-	24.0005	***	7,615,		
AT	11/070,818	003US0	3/1/2005	US	247		Issued
SUSTAINE							
D							
ELEVATED							
PRESSURE							
Fluid		NIXININ 4 1			70560	UTILX	
Reservoir for	11/109926	NVNM-1-	4/19/2005	US	72563	Corporation	Issued
a Cable Span		0023687			50		
Cable and						UTILX	
Cable	11/210140	NVNM-1-	0/22/2005	LIC	75441	Corporation	Looned
Connection	11/210149	0024364	8/23/2005	US	05	_	Issued
Assembly							
Cable		NIX/NIM 1			72442	UTILX	
Connection	11/210254	NVNM-1-	8/23/2005	US	73443	Corporation	Issued
Assembly		0025723			96		
Check Valve	11/220385	NVNM-1-	9/6/2005	US	77040	UTILX	Issued

Patent	Application No.	Reference No.	Application Filed	Jurisdiction	Paten t No.	Assignee	Status
	INU.	110.	THEG		LINU.		
for Charge Tank		0026334			87	Corporation	
Cable and Cable Connection Assembly	2,617,412	NVNM-1- 0030633	4/18/2006	CA	2,617, 412	Novinium, Inc.	Issued
Cable Connection Assembly	2,617,417	NVNM-1- 0030639	4/18/2006	CA	2,617, 417	Novinium, Inc.	Issued
Cable Connection Assembly Adapted to Receive a Pressurized Fluid	2,744,829	NVNM-1- 0035837	4/18/2006	CA	2,744, 829	Novinium, Inc.	Issued
Cable Connection Assembly Adapted to Receive a Pressurized Fluid	2,745,002	NVNM-1- 0035838	4/18/2006	CA	2,745, 002	Novinium, Inc.	Issued
INTEGRAT ED METHOD FOR RESTORIN G ELECTRIC AL POWER CABLE	11/379,979	0064565- 004US0	4/24/2006	US	7,353, 601	Novinium, Inc.	Issued
SYSTEM AND METHOD FOR PREDICTIN G PERFORM ANCE OF ELECTRIC AL POWER	11/468,118	0064565- 005US0	8/29/2006	US	7,643, 977	Novinium, Inc.	Issued

Patent	Application	Reference	Application	Jurisdiction	Paten	Assignee	Status
	No.	No.	Filed		t No.		
CABLES							
METHOD						Novinium,	
FOR						Inc.	
EXTENDIN							
G LONG-							
TERM	11/468,274	0064565-	8/29/2006	US	7,658,		Issued
ELECTRIC	117 100,27 1	006US0	0/23/2000		808		155404
POWER							
CABLE							
PERFORM							
ANCE							
METHOD						Novinium,	
FOR						Inc.	
EXTENDIN							
G LONG-							
TERM	2620225	0064565-	8/30/2006	CA	26202		Issued
ELECTRIC	202022	006CA0	0.50.2000		25		155404
AL POWER							
CABLE							
PERFORM							
ANCE							
SYSTEM						Novinium,	
AND						Inc.	
METHOD							
FOR							
PREDICTIN	2620226	0064565-	0.120.1200.6		26202		<b>T</b> 1
G	2620226	005CA0	8/30/2006	CA	26		Issued
PERFORM							
ANCE OF							
ELECTRIC							
AL POWER							
CABLES						Novinium,	
METHOD						· ·	
FOR ENHANCIN						Inc.	
G THE							
DIELECTRI	10-2008-	0064565-			10-		
C	7007544	0004303- 006KR0	8/30/2006	KR	10189		Issued
PROPERTI	7007344	OUUKKU			41		
ES OF AN							
ELECTRIC							
AL CABLE							
AL CADLE			L				

Patent	Application	Reference	Application	Jurisdiction	Paten	Assignee	Status
	No.	No.	Filed		t No.		
SECTION							
ACID-						Novinium,	
CATALYZE						Inc.	
D							
DIELECTRI							
C							
ENHANCE							
MENT		0054757					
FLUID	11/625,251	0064565-	1/19/2007	US	7,700,		Issued
AND	11,020,201	009US0	1,13,200,		871		155404
CABLE							
RESTORAT							
ION							
METHOD							
EMPLOYIN							
G SAME							
SWAGABL						Novinium,	
E HIGH-						Inc.	
PRESSURE						me.	
CABLE							
CONNECT		0064565-			7,538,		
ORS	11/625,264	008US0	1/19/2007	US	274		Issued
HAVING		000050			274		
IMPROVED							
SEALING							
MEANS							
SWAGABL						Novinium,	
E HIGH-						Inc.	
PRESSURE						me.	
CABLE							
CONNECT		0064565-			26379		
ORS	2637938	008CA0	1/22/2007	CA	38		Issued
HAVING		0000110					
IMPROVED							
SEALING							
MEANS							
SWAGABL						Novinium,	
E HIGH-						Inc.	
PRESSURE		0064565-	1/22/222		19849		T .
CABLE	7717355.7	008EP0	1/22/2007	EP	80		Issued
CONNECT							
ORS							

Patent	Application	Reference	Application	Jurisdiction	Paten	Assignee	Status
	No.	No.	Filed		t No.		
HAVING							
IMPROVED							
SEALING							
MEANS							
SWAGABL						Novinium,	
E HIGH-						Inc.	
PRESSURE							
CABLE					10		
CONNECT	10-2008-	0064565-	1/22/2007	I/D	10-		Toomed
ORS	7020642	008KR0	1/22/2007	KR	11658 77		Issued
HAVING					/ /		
IMPROVED							
SEALING							
MEANS							
ACID-						Novinium,	
CATALYZE						Inc.	
D							
DIELECTRI							
C							
ENHANCE							
MENT	0.675.706	0064565-	11/0/2007	<b>C</b> A	2,675,		т 1
FLUID	2,675,726	009CA0	11/8/2007	CA	726		Issued
AND							
CABLE RESTORAT							
ION							
METHOD							
EMPLOYIN							
G SAME							
ACID-						Novinium,	
CATALYZE						Inc.	
D							
DIELECTRI							
C							
ENHANCE		0064565-			21212		
MENT	7844995.6	0004303- 009EP0	11/8/2007	EP	73		Issued
FLUID		OUPLEU			13		
AND							
CABLE							
RESTORAT							
ION							
METHOD							

Patent	Application	Reference	Application	Jurisdiction	Paten	Assignee	Status
	No.	No.	Filed		t No.		
EN IDI OVINI							
EMPLOYIN							
G SAME							
ACID-						Novinium,	
CATALYZE						Inc.	
D							
DIELECTRI							
C							
<b>ENHANCE</b>							
MENT	10.2000	0064565			10-		
FLUID	10-2009-	0064565-	11/8/2007	KR	13248		Issued
AND	7017159	009KR0			78		
CABLE							
RESTORAT							
ION							
METHOD							
EMPLOYIN							
G SAME							
Composition						UTILX	
and Method						Corporation	
						Corporation	
for Restoring an Electrical							
Cable and							
Inhibiting	11/965544	NVNM-1-	12/27/2007	US	77771		Issued
Corrosion in	11/903344	0030461	12/2//2007	03	31		188464
the							
Aluminum							
Conductor							
Core						NT '	
METHOD						Novinium,	
FOR	2619519	0064565-	1/24/2000		26185	Inc.	T 1
RESTORIN	2618518	010CA0	1/24/2008	CA	18		Issued
G POWER							
CABLES						17011 37	
Cable	10/000700	NVNM-1-	2/0/2000	110	76217	UTILX	т 1
Connection	12/028709	0030816	2/8/2008	US	67	Corporation	Issued
Assembly		-					
Cable		NVNM-1-			76586	UTILX	ا ا
Connection	12/050069	0031089	3/17/2008	US	29	Corporation	Issued
Assembly		0001007					
METHOD		0064565-			7,976,	Novinium,	
FOR	12/257,993	010US0	10/24/2008	US	7,970,	Inc.	Issued
RESTORIN		010000			' - ' /		

Patent	Application	Reference	Application	Jurisdiction	Paten	Assignee	Status
	No.	No.	Filed		t No.		
a pourep							
G POWER							
CABLES						<b>.</b>	
METHOD						Novinium,	
FOR						Inc.	
EXTENDIN							
G LONG-		0064565			0.101		
TERM	12/349,440	0064565-	1/6/2009	US	8,101,		Issued
ELECTRIC		006US1			034		
AL POWER							
CABLE PERFORM							
ANCE						Marriairea	
SWAGABL E HIGH-						Novinium, Inc.	
PRESSURE						me.	
CABLE							
CABLE		0064565-			7,683,		
ORS	12/426,401	008US1	4/20/2009	US	260		Issued
HAVING		000051			200		
IMPROVED							
SEALING							
MEANS							
Cable						UTILX	
Termination	10/5/1005	NVNM-1-	0.120.12000	110	79594	Corporation	
Connection	12/544985	0033516	8/20/2009	US	77	1	Issued
Assembly							
Cable Splice		NIXININ # 1			02442	UTILX	
Connection	12/544991	NVNM-1-	8/20/2009	US	83442	Corporation	Issued
Assembly		0033385			52	-	
METHOD						Novinium,	
FOR						Inc.	
THERMAL							
LY		0064565-			8,572,		
ENHANCIN	12/572,092	011US0	10/1/2009	US	842		Issued
G		011050			072		
INJECTION							
OF POWER							
CABLES							
METHOD						Novinium,	
FOR	12/574,051	0064565-	10/6/2009	US	8,205,	Inc.	Issued
TREATING	12.071,001	003US1	10,0,200)		326		155304
ELECTRIC							

Patent	Application	Reference	Application	Jurisdiction	Paten	Assignee	Status
	No.	No.	Filed		t No.		
AL CABLE							
AT							
SUSTAINE							
D							
ELEVATED							
1							
PRESSURE							
THERMAL						Novinium,	
LY						Inc.	
ENHANCE		0064565-			26856		
D POWER	2685653		11/13/2009	CA			Issued
CABLE		011CA0			53		
REJUVENA							
TION							
SYSTEM						Novinium,	
AND						Inc.	
						mc.	
METHOD							
FOR							
PREDICTIN		0064565-			7,848,		
G	12/621,147	005US1	11/18/2009	US	912		Issued
PERFORM		003051			712		
ANCE OF							
ELECTRIC							
AL POWER							
CABLES							
On-Line						Novinium,	
Time						Inc.	
Domain	2,765,194	NVNM-1-	6/22/2010	CA	2,765,	me.	Issued
Reflector	2,703,174	0038408	0/22/2010	CA	194		Issucu
System						T 1777 37	
On-line						UTILX	
Time		NVNM-1-			89880	Corporation	
Domain	12/820886	0034893	6/22/2010	US	99		Issued
Reflectomet		0001070					
er System							
RETICULA						Novinium,	
TED		0064565			0.475	Inc.	
FLASH	12/900,677	0064565-	10/8/2010	US	8,475,		Issued
PREVENTI	ĺ	012US0			194		
ON PLUG							
RETICULA						Novinium,	
TED	2,717,404	0064565-	10/12/2010	CA	2,717,	Inc.	Issued
	<u>∠,</u> /1/, <del>4∪4</del> 	012CA0	10/12/2010	CA	404	IIIC.	155UEU 
FLASH							

Patent	Application	Reference	Application	Jurisdiction	Paten	Assignee	Status
	No.	No.	Filed		t No.		
PREVENTI							
ON PLUG							
Systems and						UTILX	
Methods						Corporation	
Employing		N			00100	Corporation	
Time	13/157227	NVNM-1-	6/9/2011	US	92102		Issued
Domain		0036917			57		
Reflectometr							
y							
METHOD						Novinium,	
FOR						Inc.	
TREATING							
ELECTRIC		0064565			0.656		
AL CABLE AT	13/346,292	0064565- 003US2	1/9/2012	US	8,656, 586		Issued
SUSTAINE		003032			300		
D							
ELEVATED							
PRESSURE							
Saturation						UTILX	
Valve		NVNM-1-			89671	Corporation	
Assembly	13/452474	0039162	4/20/2012	US	78		Issued
For Electric		0037102			70		
Cables		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			0000	******	
Injection	13/843708	NVNM-1-	3/15/2013	US	92393	UTILX	Issued
Protocol		0040596 NVNM-1-			51	Corporation	
Valve Assembly	2,810,685	0041005	3/26/2013	CA	2,810, 685	Novinium, Inc.	Issued
INJECTION		0041003			003	Novinium,	
ELECTRIC						Inc.	
AL	15/581,405	0064565-	4/28/2017	US	10,230		Issued
CONNECT		014US0			,222		
OR (LPI)							
INJECTION						Novinium,	
ELECTRIC		0064565-			10,199	Inc.	
AL	15/581,496	017US0	4/28/2017	US	,805		Issued
CONNECT		01.000			,000		
OR (VIA)						NT '	
INJECTION		0064565			10.500	Novinium,	
ELECTRIC AL	15/581,585	0064565- 018US0	4/28/2017	US	10,522	Inc.	Issued
CONNECT		010030			,983		
CONNECT							

Patent	Application	Reference	Application	Jurisdiction	Paten	Assignee	Status
	No.	No.	Filed		t No.		
OR (MIC							
Body)						N.T	
INJECTION						Novinium,	
ELECTRIC						Inc.	
AL	15/501 505	0064565-	4/20/2017	LIC	10,522		T 1
CONNECT	15/581,595	019US0	4/28/2017	US	,984		Issued
OR (Injection							
Probe)							
INJECTION						Novinium,	
ELECTRIC						Inc.	
AL		0064565-			10,418	me.	
CONNECT	15/581,890	020US0	4/28/2017	US	,794		Issued
OR (Inner		02000			,,,,		
Valve)							
Ventilation	2016271175	0064565-	4/29/2016	AU		Novinium,	Pending
System for		013AU0				Inc.	
Manhole							
Vault							
Ventilation	2986381	0064565-	4/29/2016	CA		Novinium,	Pending
System for		013CA0				Inc.	
Manhole							
Vault							
Ventilation	18111097.9	0064565-	4/29/2016	HK		Novinium,	Pending
System for		013HK0				Inc.	
Manhole							
Vault	10-2017-	0064565-	4/29/2016	KR		Massinisses	Dandina
Ventilation	7035686	013KR0	4/29/2016	KK		Novinium,	Pending
System for Manhole	7033080	UISKKU				Inc.	
Vault							
Smart	62/316,230	0064565-	3/31/2016	US		Novinium,	Pending
System for	02/310,230	013PR1	0,01,2010			Inc.	l'enang
Manhole							
Event							
Suppression							
System							
Ventilation	1120170949	0064565-	4/29/2016	SG		Novinium,	Pending
System for	4T	013SG0				Inc.	
Manhole							
Vault							
Injection	3018998	0064565-	4/28/2017	CA		Novinium,	Pending

Patent	Application	Reference	Application	Jurisdiction	Paten	Assignee	Status
	No.	No.	Filed		t No.		
El 1		014040				т	
Electrical		014CA0				Inc.	
Connector	60/200 120	0064565	4/29/2016	TIC		Nonimina	Dandina
Injection	62/329,132	0064565-	4/28/2016	US		Novinium,	Pending
Electrical Connector		014PR0				Inc.	
Smart	3019528	0064565-	3/31/2017	CA		Novinium,	Dandina
System for	3019328	0004303- 016CA0	3/31/2017	CA		Inc.	Pending
Manhole		UIOCAU				nic.	
Event							
Suppression							
System							
Smart	2018-	0064565-	3/31/2017	JP		Novinium,	Pending
System for	551138	016JP0	3/31/2017	Ji		Inc.	
Manhole	331130	010310				me.	
Event							
Suppression							
System							
Silane	62/697,298	0064565-	7/12/2018	US		Novinium,	Pending
Functional		021PR0				Inc.	
Stabilizers							
for							
Extending							
Long-term							
Electrical							
Power Cable							
Performance							
Method of	62/702,228	0064565-	7/23/2018	US		Novinium,	Pending
Identifying		022PR0				Inc.	
Burning by							
Monitoring							
Water Level							
and							
Combustion	16460000	0064565	10/16/2010	****		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	D 11
Calibrationle	16/162,260	0064565-	10/16/2018	US		Novinium,	Pending
ss Operation		023US0				Inc.	
Method	16/100 620	0064565	11/12/2010	TIC		NT. ''	D1'
Methods of	16/189,639	0064565-	11/13/2018	US		Novinium,	Pending
Using		024US0				Inc.	
Component							
Mass Palance to							
Balance to							
Evaluate							

Patent	Application	Reference	Application	Jurisdiction	Paten	Assignee	Status
	No.	No.	Filed		t No.		
3.5 1 1							
Manhole							
Events	16/100 022	0064565	11/14/2010	IIC		NT · ·	D 1'
Methods of	16/190,832	0064565-	11/14/2018	US		Novinium,	Pending
Using		024US1				Inc.	
Component							
Mass Balance to							
Evaluate							
Manhole							
Events							
Methods of	16/207 622	0064565-	12/2/2019	US		Novinium	Danding
	16/207,633	0004505- 025US0	12/3/2018	03		Novinium, Inc.	Pending
Using Dilution of a		023080				mic.	
First Type to							
Calibrate							
One or More							
Sensors							
Methods and	16/208,098	0064565-	12/3/2018	US		Novinium,	Pending
Systems for	10/200,090	026US0	12/3/2016	0.5		Inc.	Chang
Detecting		020050				me.	
Manhole							
Events							
FLOW	16/208,120	0064565-	12/3/2018	US		Novinium,	Pending
RESTRICT	10/200,120	027US0	12/3/2010			Inc.	Tending
OR FOR		027050				inc.	
INSTALLA							
TION IN							
AN							
UNDERGR							
OUND							
CONDUIT							
CONNECT							
ED TO AN							
UNDERGR							
OUND							
VAULT							
HOSE FOR	16/208,219	0064565-	12/3/2018	US		Novinium,	Pending
PROVIDIN		028US0				Inc.	
G AN							
EMERGEN							
CY FRESH							
AIR							

Patent	Application	Reference	Application	Jurisdiction	Paten	Assignee	Status
	No.	No.	Filed		t No.		
CLIDDI VITO							
SUPPLY TO							
AN							
UNDERGR							
OUND							
VAULT AFTER AN							
EXPLOSIO							
N N							
METHODS	16/219,137	0064565-	12/13/2018	US		Novinium,	Pending
OF USING	10/219,137	029US0	12/13/2016			Inc.	Chang
DILUTION		027030				inc.	
OF A							
SECOND							
TYPE TO							
CALIBRAT							
E ONE OR							
MORE							
SENSORS							
METHODS	16/234,246	0064565-	12/27/2018	US		Novinium,	Pending
OF USING		030US0				Inc.	
TRIANGUL							
ATION TO							
LOCATE A							
MANHOLE							
EVENT IN							
A SYSTEM							
OF							
UNDERGR							
OUND							
VAULTS	62/910 202	0064565	2/15/2010	TIC		NT · ·	D 1'
Smart	62/819,303	0064565-	3/15/2019	US		Novinium,	Pending
Injection		031PR0				Inc.	
Tank Fluid	62/879,263	0064565-	7/26/2019	US		Novinium,	Pending
Injection	02/0/9,203	0004303- 031PR1	112012019	03		Inc.	rending
System with		0511101				inc.	
Smart							
Injection and							
Receiver							
Tanks							
Fluid	62/897,065	0064565-	9/6/2019	US		Novinium,	Pending
Injection		031PR2				Inc.	

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	No.	No.	Filed		t No.		
System with							
Smart							
Injection and							
Receiver							
Tanks							
Fluid	16/818,928	0064565-	3/13/2020	US		Novinium,	Pending
Injection		031US0				Inc.	8
System with							
Smart							
Injection and							
Receiver							
Tanks							
Fluid	16/818,941	0064565-	3/13/2020	US		Novinium,	Pending
Injection	10/010,771	031US1	3/13/2020			Inc.	1 Chang
System with		031031				me.	
Smart							
Injection and							
Receiver							
Tanks							
Fluid	PCT/US202	0064565-	3/14/2020	WO		Novinium,	Pending
Injection	0/022861	031WO0	3/14/2020	****		Inc.	1 Chang
System with	0/022001	031 W 00				mc.	
Smart							
Injection and							
Receiver							
Tanks							
Extending	62/976,125	0064565-	2/13/2020	US		Novinium,	Pending
Gas Monitor	02/9/0,123	032PR0	2/13/2020	US		Inc.	rending
Life in		U32FKU				nic.	
Harsh							
Environment							
Method for	62/985,637	0064565-	3/5/2020	US		Novinium,	Pending
1	02/903,03/	0004303- 033PR0	31312020	US		Inc.	rending
Injecting Strand-		USSEKU				mc.	
Blocked							
Cable							
	62/020 455	0064565	5/5/2020	IIC		Novinium,	Dondin ~
POWER	63/020,455	0064565- 034PR0	3/3/2020	US		· · · · · ·	Pending
HARVESTI		US4PKU				Inc.	
NG FROM							
A							
CURRENT							

TRANSFOR   MER   Mexical State   Mexical Sta	Patent	Application	Reference	Application	Jurisdiction	Paten	Assignee	Status
MER			No.	Filed		t No.		
MER	ED A NICEOR							
VENTILATI								
ON   SYSTEM   FOR   MANHOLE   VAULT   MX/a/2017/ O15583   O13MXO   O13EPO   MX   Novinium, Inc.   Published   Inc.   Publishe		16902022 9	0064565	4/20/2016	ED		Novinium	Dublished
SYSTEM		10003923.0		4/29/2010	LI			Fublished
FOR   MANHOLE   VAULT			OISELO				inc.	
MANHOLE								
VAULT								
VENTILATI								
ON   SYSTEM   FOR   MANHOLE   VAULT   T7776872.8   O064565- O16EPO   O15USO   O15USO   O15USO   O15USO   O16USO   O16USO   O15USO   O16USO   O16USO   O15USO   O16USO   O16USO   O15USO   O16USO   O16U		MX/a/2017/	0064565-	4/29/2016	MX		Novinium,	Published
FOR   MANHOLE   VAULT	ON	015583	013MX0				· ·	
MANHOLE	SYSTEM							
VAULT	FOR							
SMART   SYSTEM   FOR   MANHOLE   EVENT   SUPPRESSI   ON   SYSTEM   FOR   MANHOLE   EVENT   SUPPRESSI   ON   SYSTEM   FOR   MANHOLE   CONTRIBUTION   MANHOLE   CONTRIBUTION   CONTRIBUTIO								
SYSTEM								
FOR MANHOLE EVENT SUPPRESSI ON SYSTEM  VENTILATI ON SYSTEM POR MANHOLE VAULT  SYSTEMS FOR CIRCULAT ING AIR INSIDE A MANHOLE VAULT  SMART SYSTEM FOR MANHOLE EVENT SUPPRESSI		17776872.8		3/31/2017	EP			Published
MANHOLE EVENT SUPPRESSI ON SYSTEM         0064565- 013US0         3/29/2016         US         Novinium, Inc.         Published           VENTILATI ON SYSTEM FOR MANHOLE VAULT         15/084,321         0064565- 013US0         6/4/2016         US         Novinium, Inc.         Published           FOR CIRCULAT ING AIR INSIDE A MANHOLE VAULT         15/173,633         0064565- 015US0         6/4/2016         US         Novinium, Inc.         Published           SYSTEM FOR MANHOLE EVENT SUPPRESSI         15/476,775         0064565- 016US0         3/31/2017         US         Novinium, Inc.         Published			016EP0				Inc.	
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Patent	Application No.	Reference No.	Application Filed	Jurisdiction	Paten t No.	Assignee	Status
SYSTEM							
VENTILATI ON	16/114,697	0064565- 013US1	8/28/2018	US		Novinium, Inc.	Published
SYSTEM FOR		013031				1110.	
MANHOLE VAULT							
INJECTION ELECTRIC AL	16/721,544	0064565- 018US1	12/19/2019	US		Novinium, Inc.	Published
CONNECT OR (MIC Body)							

UNITED STATES OF AMERICA		
STATE OF	_ : SS	
COUNTY OF	_ :	
On this day of, 2	2020 before me personally appeared	to me
	poses and says that he / she is the	
Agreement as such officer pursuant	described in the foregoing Agreement; that he to the authority vested in him / her by law; ach corporation; and he / she desires the same to	; that the within
	Notary Public	
	My Commission Expires:	

154502.01012/123623284v.6

UNITED STATES OF AMERICA STATE OF	: : SS
COUNTY OF	:
	20, before me personally appearedto
	and says that he / she is the of UTILX
	ribed in the foregoing Agreement; that he / she signed the
-	the authority vested in him / her by law; that the within
•	corporation; and he / she desires the same to be recorded as
such.	
	Notary Public
	My Commission Expires:

UNITED STATES OF AMERICA	:
STATE OF	: SS
COUNTY OF	:
	020, before me personally appearedto
	es and says that he / she is the of UTILX
OVERSEAS HOLDINGS, INC., the c	orporation described in the foregoing Agreement; that he / she
signed the Agreement as such officer J	oursuant to the authority vested in him / her by law; that the
within Agreement is the voluntary act of	such corporation; and he / she desires the same to be recorded
as such.	
	Notary Public
	My Commission Expires:

UNITED STATES OF AMERICA	: : SS
STATE OF COUNTY OF	. 33
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	b, before me personally appeared to
	s and says that he / she is the of
	bed in the foregoing Agreement; that he / she signed the
•	e authority vested in him / her by law; that the within
•	poration; and he / she desires the same to be recorded as
such.	
	Notary Public
	My Commission Expires:

## **EXHIBIT 1**

# PATENTS, TRADEMARKS AND COPYRIGHTS ASSIGNMENT

WHEREAS,	, a
("Grantor"), is the registered ow	wher of the assets listed on $\underline{\mathbf{Schedule}\;\mathbf{A}}$ attached hereto and made a particular particular of the United States Patent and Trademark Office; and
WHEREAS,	("Grantee"), having a place of business at, is desirous of acquiring said Assets;
acknowledged, and intending thereby transfer, assign and set of terms of the Patents, Trademar between Grantor and STAR MC present and future right, title and associated therewith.	for good and valuable consideration, receipt of which is hereby to be legally bound hereby, Grantor, its successors and assigns, does over unto Grantee, its successors, transferees and assigns, subject to the take and Copyrights Security Agreement, dated as of
Copyrights Assignment to be ex	xecuted as of the day of, 20
	By:Attorney-in-fact
	Attorney-in-fact
Witness:	

154502.01012/123623284v.6

## **EXHIBIT 1**

# **ACKNOWLEDGMENT**

UNITED STATES OF AMERICA	:
STATE OF	: S.S.
COUNTY OF	:
On this day of, 20_and State, personally appeared	, before me, a Notary Public for the said County known to me or satisfactorily proven to me to
be attorney-in-fact on behalf of	
that s/he executed the foregoing Patents, Trademarks	and Copyrights Assignment on behalf of Grantor
and as the act and deed of Grantor for the purposes the	herein contained.
IN WITNESS WHEREOF, I hereunto set my	y hand and official seal.
	Notary Public
	My Commission Expires:

154502.01012/123623284v.6

## POWER OF ATTORNEY

NOVINIUM, INC., a Delaware corporation ("Grantor"), hereby authorizes STAR MOUNTAIN DIVERSIFIED CREDIT INCOME FUND III, LP, its successors and assigns, and any officer or agent thereof (collectively, the "Grantee") as Grantor's true and lawful attorney-in-fact, effective and exercisable only during the occurrence and during the continuance of an Event of Default (as defined in the Revolving Credit, Term Loan and Security Agreement by and between Grantor, certain affiliates of Grantor, the Grantee and each of the other financial institutions identified as Lenders therein bearing even date herewith) and until such time as the Obligations (other than the Inchoate Obligations) have been paid in full, with the power to endorse Grantor's name on all applications, assignments, documents, papers and instruments necessary for Grantee to enforce and effectuate its rights under a certain Patents, Trademarks and Copyrights Security Agreement among Grantor, UTILX CORPORATION, a Delaware corporation, UTILX OVERSEAS HOLDINGS, INC., a Delaware corporation, PLENOVO, INC., a Delaware corporation, and Grantee dated as of the date hereof (as it may hereafter be supplemented, restated, superseded, amended or replaced, the "Agreement"), including, without limitation, the power to use the Assets, as defined in the Agreement and listed on Schedule A attached thereto and made a part hereof, to grant or issue any exclusive or nonexclusive license under the Assets to anyone else, or to assign, pledge, convey or otherwise transfer title in or dispose of the Assets, in each case subject to the terms of the Agreement.

This Power of Attorney is given and any action taken pursuant hereto is intended to be so given or taken pursuant to and subject to the provisions of that certain Credit Agreement (as defined in the Agreement) bearing even date herewith among Grantee, as collateral agent, and the lenders under the Credit Agreement, and Grantor, as a borrower, as each document may be hereinafter supplemented, restated, superseded, amended or replaced.

Grantor hereby unconditionally ratifies all that such attorney shall lawfully do or cause to be done by virtue hereof and in accordance with the terms of the Agreement.

This Power of Attorney is coupled with an interest and with full power of substitution and shall be irrevocable for the life of the Agreement.

IN WITNESS WHEREOF, the Grantor has executed this Power of Attorney, on this _	_ day of
 , 2020.	

## NOVINIUM, INC.

By:		
Name:		
Title:		

154502.01012/123623284v.6

UNITED STATES OF AMERICA	:
STATE OF	: SS
COUNTY OF	:
me known and being duly sworn, depose	, 2020, before me personally appeared, to es and says that he / she is of <b>NOVINIUM</b> ,
signed the Power of Attorney thereto a	tor described in the foregoing Power of Attorney; that he / she is such officer pursuant to the authority vested in him / her by is the voluntary act of such corporation; and he / she desires the
	Notary Public
	My Commission Expires:

154502.01012/123623284v.6

## **POWER OF ATTORNEY**

UTILX CORPORATION, a Delaware corporation ("Grantor"), hereby authorizes STAR MOUNTAIN DIVERSIFIED CREDIT INCOME FUND III, LP, its successors and assigns, and any officer or agent thereof (collectively, the "Grantee") as Grantor's true and lawful attorney-in-fact, effective and exercisable only during the occurrence and during the continuance of an Event of Default (as defined in the Revolving Credit, Term Loan and Security Agreement by and between Grantor, certain affiliates of Grantor, the Grantee and each of the other financial institutions identified as Lenders therein bearing even date herewith) and until such time as the Obligations (other than the Inchoate Obligations) have been paid in full, with the power to endorse Grantor's name on all applications, assignments, documents, papers and instruments necessary for Grantee to enforce and effectuate its rights under a certain Patents, Trademarks and Copyrights Security Agreement among Grantor, NOVINIUM, INC., a Delaware corporation, UTILX OVERSEAS HOLDINGS, INC., a Delaware corporation, PLENOVO, INC., a Delaware corporation, and Grantee dated as of the date hereof (as it may hereafter be supplemented, restated, superseded, amended or replaced, the "Agreement"), including, without limitation, the power to use the Assets, as defined in the Agreement and listed on Schedule A attached thereto and made a part hereof, to grant or issue any exclusive or nonexclusive license under the Assets to anyone else, or to assign, pledge, convey or otherwise transfer title in or dispose of the Assets, in each case subject to the terms of the Agreement.

This Power of Attorney is given and any action taken pursuant hereto is intended to be so given or taken pursuant to and subject to the provisions of that certain Credit Agreement (as defined in the Agreement) bearing even date herewith among Grantee, as collateral agent, and the lenders under the Credit Agreement, and Grantor, as a borrower, as each document may be hereinafter supplemented, restated, superseded, amended or replaced.

Grantor hereby unconditionally ratifies all that such attorney shall lawfully do or cause to be done by virtue hereof and in accordance with the terms of the Agreement.

This Power of Attorney is coupled with an interest and with full power of substitution and shall be irrevocable for the life of the Agreement.

IN WITNESS WHEREOF, the Grantor has executed this Power of Attorney, on this _	_ day of

#### UTILX CORPORATION

By:	
Name:	
Title	

154502.01012/123623284v.6

UNITED STATES OF AMERICA	:
STATE OF	_ : SS
COUNTY OF	
On this day of	_, 2020, before me personally appeared, to
me known and being duly sworn, der	ooses and says that he / she is of UTILX
	ation, the Grantor described in the foregoing Power of Attorney;
_	rney thereto as such officer pursuant to the authority vested in er of Attorney is the voluntary act of such corporation; and he / such.
	Notary Public
	My Commission Expires:

### **POWER OF ATTORNEY**

UTILX OVERSEAS HOLDINGS, INC., a Delaware corporation ("Grantor"), hereby authorizes STAR MOUNTAIN DIVERSIFIED CREDIT INCOME FUND III, LP, its successors and assigns, and any officer or agent thereof (collectively, the "Grantee") as Grantor's true and lawful attorney-in-fact, effective and exercisable only during the occurrence and during the continuance of an Event of Default (as defined in the Revolving Credit, Term Loan and Security Agreement by and between Grantor, certain affiliates of Grantor, the Grantee and each of the other financial institutions identified as Lenders therein bearing even date herewith) and until such time as the Obligations (other than the Inchoate Obligations) have been paid in full, with the power to endorse Grantor's name on all applications, assignments, documents, papers and instruments necessary for Grantee to enforce and effectuate its rights under a certain Patents, Trademarks and Copyrights Security Agreement among Grantor, NOVINIUM, INC., a Delaware corporation, UTILX CORPORATION, a Delaware corporation, PLENOVO, INC., a Delaware corporation, and Grantee dated as of the date hereof (as it may hereafter be supplemented, restated, superseded, amended or replaced, the "Agreement"), including, without limitation, the power to use the Assets, as defined in the Agreement and listed on Schedule A attached thereto and made a part hereof, to grant or issue any exclusive or nonexclusive license under the Assets to anyone else, or to assign, pledge, convey or otherwise transfer title in or dispose of the Assets, in each case subject to the terms of the Agreement.

This Power of Attorney is given and any action taken pursuant hereto is intended to be so given or taken pursuant to and subject to the provisions of that certain Credit Agreement (as defined in the Agreement) bearing even date herewith among Grantee, as collateral agent, and the lenders under the Credit Agreement, and Grantor, as a borrower, as each document may be hereinafter supplemented, restated, superseded, amended or replaced.

Grantor hereby unconditionally ratifies all that such attorney shall lawfully do or cause to be done by virtue hereof and in accordance with the terms of the Agreement.

This Power of Attorney is coupled with an interest and with full power of substitution and shall be irrevocable for the life of the Agreement.

IN WITNES	SS WHEREOF, the Grai	ntor has executed the	is Power of Attorney,	on this day of
, 2020.				

#### UTILX OVERSEAS HOLDINGS, INC.

By:	
Name:	
Title:	

UNITED STATES OF AMERICA	:
STATE OF	: SS
COUNTY OF	
On this day of	_, 2020, before me personally appeared, to
me known and being duly sworn, dep	oses and says that he / she is of UTILX
	Delaware corporation, the Grantor described in the foregoing
•	the Power of Attorney thereto as such officer pursuant to the hat the within Power of Attorney is the voluntary act of such me to be recorded as such.
	Notary Public
	My Commission Expires:

### **POWER OF ATTORNEY**

PLENOVO, INC., a Delaware corporation ("Grantor"), hereby authorizes STAR MOUNTAIN DIVERSIFIED CREDIT INCOME FUND III, LP, its successors and assigns, and any officer or agent thereof (collectively, the "Grantee") as Grantor's true and lawful attorney-in-fact, effective and exercisable only during the occurrence and during the continuance of an Event of Default (as defined in the Revolving Credit, Term Loan and Security Agreement by and between Grantor, certain affiliates of Grantor, the Grantee and each of the other financial institutions identified as Lenders therein bearing even date herewith) and until such time as the Obligations (other than the Inchoate Obligations) have been paid in full, with the power to endorse Grantor's name on all applications, assignments, documents, papers and instruments necessary for Grantee to enforce and effectuate its rights under a certain Patents, Trademarks and Copyrights Security Agreement among Grantor, NOVINIUM, INC., a Delaware corporation, UTILX CORPORATION, a Delaware corporation, UTILX OVERSEAS HOLDINGS, INC., a Delaware corporation, and Grantee dated as of the date hereof (as it may hereafter be supplemented, restated, superseded, amended or replaced, the "Agreement"), including, without limitation, the power to use the Assets, as defined in the Agreement and listed on Schedule A attached thereto and made a part hereof, to grant or issue any exclusive or nonexclusive license under the Assets to anyone else, or to assign, pledge, convey or otherwise transfer title in or dispose of the Assets, in each case subject to the terms of the Agreement.

This Power of Attorney is given and any action taken pursuant hereto is intended to be so given or taken pursuant to and subject to the provisions of that certain Credit Agreement (as defined in the Agreement) bearing even date herewith among Grantee, as collateral agent, and the lenders under the Credit Agreement, and Grantor, as a borrower, as each document may be hereinafter supplemented, restated, superseded, amended or replaced.

Grantor hereby unconditionally ratifies all that such attorney shall lawfully do or cause to be done by virtue hereof and in accordance with the terms of the Agreement.

This Power of Attorney is coupled with an interest and with full power of substitution and shall be irrevocable for the life of the Agreement.

IN WITNESS WHEREOF, the Grantor has executed this Power of Attorney, on this day	/ of

#### PLENOVO, INC.

UNITED STATES OF AMERICA	:
STATE OF	: SS
COUNTY OF	:
	2020, before me personally appeared, to
	s and says that he / she is of PLENOVO,
INC., a Delaware corporation, the Grant	tor described in the foregoing Power of Attorney; that he /she
	such officer pursuant to the authority vested in him / her by
law; that the within Power of Attorney is same to be recorded as such.	the voluntary act of such corporation; and he / she desires the
	Notary Public
	My Commission Expires:

**TRADEMARK REEL: 007034 FRAME: 0567 RECORDED: 08/26/2020**