

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4482796

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
INGENU INC. (F/K/A ON-RAMP WIRELESS, INC.)		06/27/2017
RECEIVING PARTY DATA		
Name:	NDJR GRID PARTNERS II, LLC	
Street Address:	460 PARK AVENUE	
Internal Address:	SUITE 1501	
City:	NEW YORK	
State/Country:	NEW YORK	
Postal Code:	10022	
PROPERTY NUMBERS Total: 39		
Property Type	Number	
Patent Number:	7782926	
Patent Number:	7593383	
Patent Number:	7593452	
Patent Number:	7526013	
Patent Number:	7773664	
Patent Number:	7848272	
Patent Number:	7639726	
Patent Number:	7702290	
Patent Number:	7733945	
Patent Number:	7742775	
Patent Number:	8259780	
Patent Number:	8160122	
Patent Number:	8958460	
Patent Number:	8320430	
Patent Number:	8290023	
Patent Number:	8565289	
Patent Number:	8069402	
Patent Number:	8121174	
Patent Number:	8401054	

PATENT

Property Type	Number
Patent Number:	8045598
Patent Number:	8611399
Patent Number:	8254498
Patent Number:	8363699
Patent Number:	8036178
Patent Number:	8831072
Patent Number:	8477830
Patent Number:	8520721
Patent Number:	8831069
Patent Number:	8831068
Patent Number:	8824524
Patent Number:	8837555
Patent Number:	8817845
Patent Number:	8995404
Patent Number:	9294930
Application Number:	15370336
Application Number:	15370469
Application Number:	15490498
Application Number:	15369936
Application Number:	15490510

CORRESPONDENCE DATA

Fax Number: (908)758-1201

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: 9087581374

Email: docket@charneyiplaw.com

Correspondent Name: SCOTT E. CHARNEY

Address Line 1: CHARNEY IP LAW LLC

Address Line 2: 233 MOUNT AIRY ROAD - SUITE 100

Address Line 4: BASKING RIDGE, NEW JERSEY 07920

ATTORNEY DOCKET NUMBER:	NDCAP004
NAME OF SUBMITTER:	SCOTT E. CHARNEY
SIGNATURE:	/scott e. charney/
DATE SIGNED:	06/28/2017

Total Attachments: 11

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PATENT SECURITY AGREEMENT

This Patent Security Agreement ("Patent Security Agreement") is entered into on this 27th day of June, 2017, between Ingenu Inc. (f/k/a On-Ramp Wireless, Inc.), a Delaware corporation ("Grantor") and NDJR Grid Partners II, LLC ("Secured Party").

RECITALS:

- A. WHEREAS**, pursuant to the terms and conditions of a Security Agreement ("Security Agreement") entered into on even date, the parties intend that the Grantor's obligations to repay a Secured Senior Subordinated Convertible Promissory Note ("Note") be secured by all of the Company's assets, including Intellectual Property.
- B. WHEREAS**, Grantor is the owner of the U.S. patents and patent applications listed on the attached Schedule A (collectively, including all reissues, divisions, continuations, continuations-in-part, renewals, extensions, and reexaminations thereof and amendments thereto, the "Patents").
- C. WHEREAS**, pursuant to the Security Agreement, Grantor has granted a security interest to Secured Party; and
- D. WHEREAS**, Grantor and Secured Party by this instrument seek to confirm and make a record of the grant of a security interest in the Patents.

NOW, THEREFORE, in consideration of the amounts advanced under the Note by the Secured Party prior to the date hereof and for other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the Grantor hereby pledges and grants to the Secured Party a continuing Lien on and creates a first priority security interest in favor of the Secured Party (the "Security Interest") in, all of the Grantor's right, title and interest in and to its Intellectual Property, wherever located, whether now existing or hereafter from time to time arising or acquired, including the Patents.

Grantor hereby acknowledges and affirms that the rights and remedies of Secured Party with respect to the liens and security interests in the Intellectual Property made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

Grantor authorizes the Commissioner for Patents to record and register this Patent Security Agreement upon request by the Secured Party.

This Patent Security Agreement and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Patent Security Agreement and the transactions contemplated hereby and thereby shall be governed by, and construed in accordance with, the laws of the United States and the State of California, without giving effect to any choice or conflict of law provision or rule (whether of the State of California or any other jurisdiction).

Capitalized terms used herein and not defined herein shall have the definitions given in the Security Agreement.

[Signature Page Follows]

IN WITNESS WHEREOF, the parties have caused this Patent Security Agreement to be duly executed and delivered by duly authorized officers as of the date written above.

Ingenu Inc. (f/k/a On-Ramp Wireless, Inc.)

By: _____

Name: John Horn

Title: Pres. CEO

See attached California Acknowledgment
~~BE IT REMEMBERED, That on this ____ day of June, 2017, before me, a Notary Public, personally appeared _____, who I am satisfied is the person named in and who executed the foregoing instrument on behalf of Ingenu Inc. (f/k/a On-Ramp Wireless, Inc.) in my presence, and I having first made known to him/her the contents thereof, he/she did acknowledge that he/she signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.~~

Notary Public

NDJR Grid Partners II, LLC

By: _____

Name: _____

Title: _____

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

STATE OF CALIFORNIA

COUNTY OF SAN FRANCISCO

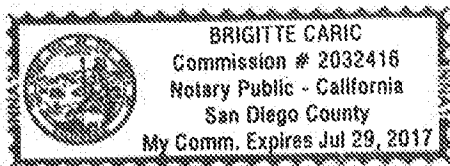
)
) ss.
)

On June 21, 2017 before me, Brigitte Caric, Notary Public,
personally appeared John Horn

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing is true and correct.

WITNESS my hand and official seal.



Place Notary Seal Above

Brigitte Caric
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Patent Security Agreement

Document Date: June 21, 2017 Number of Pages: 4

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer – Title(s): _____
☐ Partner – ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer is representing: _____

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

IN WITNESS WHEREOF, the parties have caused this Patent Security Agreement to be duly executed and delivered by duly authorized officers as of the date written above.

Ingenu Inc. (f/k/a On-Ramp Wireless, Inc.)

By: _____

Name: _____

Title: _____

BE IT REMEMBERED, That on this _____ day of June, 2017, before me, a Notary Public, personally appeared _____, who I am satisfied is the person named in and who executed the foregoing instrument on behalf of Ingenu Inc. (f/k/a On-Ramp Wireless, Inc.) in my presence, and I having first made known to him/her the contents thereof, he/she did acknowledge that he/she signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

NDJR Grid Partners II, LLC

By: Brian S. Rossing

Name: Brian Rossing

Title: Chief Financial Officer

Schedule A



Intellectual Property Portfolio

The information contained herein is proprietary and strictly confidential. It is intended for use only by the recipient, then only to the extent necessary to consider a business relationship with or an investment in Ingenu Inc. and for no other purpose. The recipient is hereby notified that any dissemination, distribution, reproduction or use of this presentation, in whole or in part, is strictly prohibited without the prior written consent of Ingenu Inc.

Patent No.	Country	Matter Title	Status	Application Number	Application Date	Patent Number	Grant Date	Inventors	Owner Name	Expiration Date	
1	091721-0103	USA	RANDOM PHASE MULTIPLE ACCESS COMMUNICATION INTERFACE SYSTEM AND METHOD	Registered	12/189609	8/11/2008	7782926	8/24/2010	Theodore J. Myers	On-Ramp Wireless, Inc.	8/11/2028
2	091721-0104	USA	UPLINK TRANSMITTER IN A RANDOM PHASE MULTIPLE ACCESS COMMUNICATION SYSTEM	Registered	12/189619	8/11/2008	7593383	9/22/2009	Theodore J. Myers	Inventor(s)	8/11/2028
3	091721-0105	USA	DESPREADING SPREAD SPECTRUM DATA	Registered	12/189533	8/11/2008	7593452	9/22/2009	Theodore J. Myers	Inventor(s)	8/11/2028
4	091721-0106	USA	TAG COMMUNICATIONS WITH ACCESS POINT	Registered	12/189505	8/11/2008	7526013	4/28/2009	Theodore J. Myers	Inventor(s)	8/11/2028
5	091721-0108	USA	RANDOM PHASE MULTIPLE ACCESS SYSTEM WITH MESHING	Registered	12/345374	12/29/2008	7773664	8/10/2010	Theodore J. Myers	Inventor(s)	8/11/2028
6	091721-0109	USA	SLOTTED MODE ACQUISITION	Registered	12/276971	11/24/2008	7848272	12/7/2010	Theodore J. Myers; Lewis N. Cohen; Daniel Thomas Werner; Matthew Hughes; Robert W. Boesel	On-Ramp Wireless, Inc.	2/11/2029
7	091721-0110	USA	DOWNLINK COMMUNICATION	Registered	12/408538	3/20/2009	7639726	12/29/2009	Kenneth C. Sinsuan; Theodore J. Myers; Lewis N. Cohen; Matthew Hughes; Daniel Thomas Werner; Robert S. Boesel; Patrick M. Singler	Inventor(s)	3/20/2029
8	091721-0112	USA	DYNAMIC ENERGY CONTROL	Registered	12/420308	4/8/2009	7702290	4/20/2010	Theodore J. Myers	On-Ramp Wireless, Inc.	4/8/2029
9	091721-0113	USA	SPREAD SPECTRUM WITH DOPPLER OPTIMIZATION	Registered	12/472642	5/27/2009	7733945	6/8/2010	Theodore J. Myers; Daniel Thomas Werner	On-Ramp Wireless, Inc.	8/11/2028
10	091721-0117	USA	RANDOM PHASE MULTIPLE ACCESS SYSTEM WITH LOCATION TRACKING	Registered	12/483722	6/12/2009	7742775	6/22/2010	Theodore J. Myers	On-Ramp Wireless, Inc.	8/11/2028
11	091721-0122	USA	DOWNLINK COMMUNICATION	Registered	12/647756	12/28/2009	8259780	9/4/2012	Kenneth C. Sinsuan; Theodore J. Myers; Lewis N. Cohen; Matthew Hughes; Daniel Thomas Werner; Robert W. Boesel; Patrick M. Singler	On-Ramp Wireless, Inc.	3/20/2029
12	091721-0123	USA	METHOD AND SYSTEM FOR UPLINK COMMUNICATION	Registered	12/755229	4/6/2010	8160122	4/17/2012	Kenneth C. Sinsuan; Theodore J. Myers; Lewis N. Cohen; Matthew Hughes; Daniel Thomas Werner; Robert W. Boesel; Patrick M. Singler	On-Ramp Wireless, Inc.	9/29/2029

Patent No.	Country	Matter Title	Status	Application Number	Application Date	Patent Number	Grant Date	Inventors	Owner Name	Expiration Date	
13	091721-0124	USA	FORWARD ERROR CORRECTION MEDIA ACCESS CONTROL SYSTEM	Registered	12/770630	4/29/2010	8958460	2/17/2015	Theodore J. Myers; Daniel Thomas Werner; Kenneth C. Sinsuan	On-Ramp Wireless, Inc.	3/5/2030
14	091721-0128	USA	HANDOVER PROCESSING IN MULTIPLE ACCESS POINT DEPLOYMENT SYSTEM	Registered	13/354846	1/20/2012	8320430	11/27/2012	Theodore J. Myers; Daniel Thomas Werner; Kenneth Canullas Sinsuan	On-Ramp Wireless, Inc.	8/11/2028
15	091721-0129	USA	USER DATA BROADCAST MECHANISM	Registered	13/232426	9/14/2011	8290023	10/16/2012	Robert W. Boesel; Theodore J. Myers	On-Ramp Wireless, Inc.	8/11/2028
16	091721-0133	USA	FORWARD ERROR CORRECTION MEDIA ACCESS CONTROL SYSTEM	Registered	13/437509	4/2/2012	8565289	10/22/2013	Theodore J. Myers; Matthew Hughes; Robert W. Boesel	On-Ramp Wireless, Inc.	8/11/2028
17	091721-0135	USA	ERROR DETECTION SYSTEM	Registered	13/032393	2/22/2011	8069402	11/29/2011	Theodore J. Myers; Daniel Thomas Werner	On-Ramp Wireless, Inc.	8/11/2028
18	091721-0136	USA	SIGNAL QUALITY MEASUREMENT SYSTEM	Registered	13/116767	5/26/2011	8121174	2/21/2012	Theodore J. Myers; Daniel Thomas Werner	On-Ramp Wireless, Inc.	8/11/2028
19	091721-0139	USA	POWER DETECTION IN A SPREAD SPECTRUM SYSTEM	Registered	13/366848	2/6/2012	8401054	3/19/2013	Theodore J. Myers; Daniel Thomas Werner; Kenneth C. Sinsuan	On-Ramp Wireless, Inc.	8/11/2028
20	091721-0142	USA	CONTROLLING POWER IN A SPREAD SPECTRUM SYSTEM	Registered	12/816783	6/16/2010	8045598	10/25/2011	Theodore J. Myers	ON-RAMP WIRELESS, INC.	8/11/2028
21	091721-0156	USA	SYNCHRONIZED SYSTEM CONFIGURATION	Registered	13/355864	1/23/2012	8611399	12/17/2013	Theodore J. Myers; Robert W. Boesel; Matthew Hughes	Inventor(s)	8/11/2028
22	091721-0158	USA	RANDOM ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING	Registered	13/406888	2/28/2012	8254498	8/28/2012	Theodore J. Myers; Sourav Dey	On-Ramp Wireless, Inc.	2/28/2032
23	091721-0159	USA	RANDOM TIMING OFFSET DETERMINATION	Registered	13/572909	8/13/2012	8363699	1/29/2013	Kenneth C. Sinsuan; Theodore J. Myers; Lewis N. Cohen; Matthew Hughes; Daniel Thomas Werner; Robert W. Boesel; Patrick M. Singler	On-Ramp Wireless, Inc.	3/20/2029
24	091721-0166	USA	HANDOVER PROCESSING IN MULTIPLE ACCESS POINT DEPLOYMENT SYSTEM	Registered	13/027654	2/15/2011	8036178	10/11/2011	Theodore J. Myers; Robert W. Boesel; Matthew Hughes	On-Ramp Wireless, Inc.	8/11/2028
25	091721-0175	USA	ELECTRIC MONITORING SYSTEM USING A RANDOM PHASE MULTIPLE ACCESS SYSTEM	Registered	13/916263	6/12/2013	8831072	9/9/2014	Kenneth Canullas Sinsuan; Theodore J. Myers; Lewis N. Cohen; Daniel Thomas Werner; Matthew Hughes; Robert W. Boesel; Patrick M. Singler	On-Ramp Technologies, Inc.	8/11/2028
26	091721-0176	USA	LIGHT MONITORING SYSTEM USING A RANDOM PHASE MULTIPLE ACCESS SYSTEM	Registered	13/458451	4/27/2012	8477830	7/2/2013	Theodore J. Myers; Daniel Thomas Werner; Kenneth Canullas Sinsuan; Jason Ronald Wilson; Shawn Louis Reuland; Patrick M. Singler; Michael Jason Huovila	On-Ramp Wireless, Inc.	8/11/2028

Pocket No.	Country	Matter Title	Status	Application Number	Application Date	Patent Number	Grant Date	Inventors	Owner Name	Expiration Date	
27	091721-0213	USA	RSI MEASUREMENT MECHANISM IN THE PRESENCE OF PULSED JAMMERS	Registered	13/471000	5/14/2012	8520721	8/27/2013	Theodore J. Myers; Robert W. Boesel	On-Ramp Wireless, Inc.	8/11/2028
28	091721-0230	USA	WATER MONITORING SYSTEM USING A RANDOM PHASE MULTIPLE ACCESS SYSTEM	Registered	13/937990	7/9/2013	8831069	9/9/2014	Kenneth C. Sinsuan; Theodore J. Myers; Lewis N. Cohen; Daniel Thomas Werner; Matthew Hughes; Robert W. Boesel; Patrick M. Singler	On-Ramp Wireless, Inc.	8/11/2028
29	091721-0231	USA	GAS MONITORING SYSTEM USING A RANDOM PHASE MULTIPLE ACCESS SYSTEM	Registered	13/936984	7/8/2013	8831068	9/9/2014	Kenneth C. Sinsuan; Theodore J. Myers; Lewis N. Cohen; Daniel Thomas Werner; Matthew Hughes; Robert W. Boesel; Patrick M. Singler	On-Ramp Wireless, Inc.	8/11/2028
30	091721-0232	USA	FAULT CIRCUIT INDICATOR SYSTEM USING A RANDOM PHASE MULTIPLE ACCESS SYSTEM	Registered	13/938963	7/10/2013	8824524	9/2/2014	Kenneth Canillas Sinsuan; Theodore J. Myers; Lewis N. Cohen; Daniel Thomas Werner; Matthew Hughes; Robert W. Boesel; Patrick M. Singler	On-Ramp Wireless, Inc.	8/11/2028
31	091721-0233	USA	LIGHT MONITORING SYSTEM WITH ANTENNA DIVERSITY	Registered	13/938903	7/10/2013	8837555	9/16/2014	Kenneth Canillas Sinsuan; Theodore J. Myers; Lewis N. Cohen; Daniel Thomas Werner; Matthew Hughes; Robert W. Boesel; Patrick M. Singler	ON-RAMP WIRELESS, INC.	8/11/2028
32	091721-0238	USA	SMART TRANSFORMER USING A RANDOM PHASE MULTIPLE ACCESS SYSTEM	Registered	13/935364	7/3/2013	8817845	8/26/2014	Kenneth C. Sinsuan; Theodore J. Myers; Lewis N. Cohen; Daniel Thomas Werner; Matthew Hughes; Robert W. Boesel; Patrick M. Singler	On-Ramp Wireless, Inc.	8/11/2028
33	091721-0242	USA	DOWNLINK COMMUNICATION WITH MULTIPLE ACKNOWLEDGEMENTS	Registered	13/745567	1/18/2013	8995404	3/31/2015	Kenneth C. Sinsuan; Theodore J. Myers; Lewis N. Cohen; Matthew Hughes; Daniel Thomas Werner; Robert W. Boesel; Patrick M. Singler	On-Ramp Wireless, Inc.	3/20/2029
34	091721-0244	USA	COMBINED UNIQUE GOLD CODE TRANSMISSIONS	Registered	14/672594	3/30/2015	9294930	3/22/2016	Kenneth C. Sinsuan; Theodore J. Myers; Lewis N. Cohen; Matthew Hughes; Daniel Thomas Werner; Robert W. Boesel; Patrick M. Singler	On-Ramp Wireless, Inc.	3/20/2029
35	091721-0452	USA	DUAL SYSTEM ACCESS WITH DIFFERENT FRAME RATES	Pending - Application Filed	15/370336	12/6/2016	-	-	Theodore Myers; Daniel Werner; Dennis Espey	Inventor(s)	-
36	091721-0453	USA	SYNCHRONIZED ACCESS POINT TRANSMISSIONS WITH RANDOM TIMING	Pending - Application Filed	15/370469	12/6/2016	-	-	Daniel Werner; Theodore Myers	Ingenu Inc.	-

Ingenu Inc.

Pocket No.	Country	Matter Title	Status	Application Number	Application Date	Patent Number	Grant Date	Inventors	Owner Name	Expiration Date
37	091721-0454 USA	SYSTEMS AND METHODS FOR NETWORKS DURING MULTI-REGIONAL ROAMING OF MOBILES	Pending - Application Filed	15/490498	4/18/2017	-	-	Matthew Hughes; Theodore Myers; Daniel Werner; Alain Charles; Avinash Jain	Ingenu Inc.	-
38	091721-0455 USA	MULTI-REGIONAL PROVISIONING	Pending - Application Filed	15/369936	12/6/2016	-	-	Matthew Hughes; Theodore Myers; Daniel Werner; Alain Charles; Avinash Jain	Inventor(s)	-
39	091721-0456 USA	SYSTEMS AND METHODS FOR SERVER-BASED MULTI-REGIONAL ROAMING OF MOBILES	Pending - Application Filed	15/490510	4/18/2017	-	-	Matthew Hughes; Theodore Myers; Daniel Werner; Alain Charles; Avinash Jain	Ingenu Inc.	-

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