

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5249946

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GARY L. SUGAR	10/27/2018
CHANDRA VAIDYANATHAN	10/27/2018
YOHANNES TESFAI	10/27/2018

RECEIVING PARTY DATA

Name:	IP3 2018, SERIES 300 OF ALLIED SECURITY TRUST I
Street Address:	ATTENTION: JAKE HANDY
Internal Address:	FENWICK & WEST LLP, 555 CALIFORNIA STREET, 12TH FLOOR
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94104

PROPERTY NUMBERS Total: 13

Property Type	Number
Application Number:	61652399
Application Number:	61564418
Application Number:	61435269
Application Number:	61421641
Application Number:	61409123
Application Number:	61836281
Patent Number:	9014172
Patent Number:	8687560
Patent Number:	8265011
Patent Number:	8179816
Application Number:	13891123
PCT Number:	US1158928
PCT Number:	US1222138

CORRESPONDENCE DATA

Fax Number: (215)933-6181

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.

PATENT

Phone: 6092882781
Email: mschrader@ast.com
Correspondent Name: ALLIED SECURITY TRUST
Address Line 1: 100 OVERLOOK CENTER
Address Line 2: 2ND FLOOR
Address Line 4: PRINCETON, NEW JERSEY 08540

ATTORNEY DOCKET NUMBER:	S300L5782
NAME OF SUBMITTER:	MELISSA SCHRADER
SIGNATURE:	/Melissa Schrader/
DATE SIGNED:	11/25/2018

Total Attachments: 5

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EXHIBIT B

CONFIRMATORY PATENT ASSIGNMENT FORM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, Gary L. Sugar, an individual with an address at 2873 Glengary Road, Shaker Heights, Ohio, 44120, U.S.A.; and Chandra Vaidyanathan, an individual with an address at 4978 Cloister Drive, Rockville, Maryland, 20852, U.S.A.; and Yohannes Tesfai, an individual with an address at 13213 Sherwood Forest Drive, Silver Spring, Maryland, 20904, U.S.A. ("ASSIGNOR"), own certain patent applications and/or registrations, as set forth in Attachment 1 attached hereto and incorporated herein by this reference ("PATENTS"); and

WHEREAS, IP3 2018, Series 300 of Allied Security Trust I, a series of a Delaware statutory trust with an address at Attention: Jake Handy, Fenwick & West LLP, 555 California St, 12th Floor, San Francisco, California, 94104, U.S.A. ("ASSIGNEE"), desires to acquire all of the right, title and interest of ASSIGNOR in, to and under the PATENTS;

WHEREAS, ASSIGNOR and ASSIGNEE have entered into a certain Patent Assignment Agreement, dated October 27, 2018, assigning, among other things, all right, title and interest in and to the PATENTS from ASSIGNOR to ASSIGNEE;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid by ASSIGNEE to ASSIGNOR, the receipt and sufficiency of which hereby is acknowledged, ASSIGNOR does hereby sell, assign, transfer and convey unto ASSIGNEE its entire right, title and interest in and to the PATENTS, including all divisions, continuations, continuations-in-part, reexaminations, substitutions, reissues, extensions and renewals of the applications and registrations for the PATENTS (and the right to apply for any of the foregoing); all rights to causes of action and remedies related thereto (including, without limitation, the right to sue for past, present or future infringement, misappropriation or violation of rights related to the foregoing); and any and all other rights and interests arising out of, in connection with or in relation to the PATENTS.

IN WITNESS WHEREOF, ASSIGNOR has caused this Assignment to be duly executed by an authorized officer on this 9th day of November 2018.

By:

[Handwritten signature of Gary L. Sugar]

Printed Name: Gary L. Sugar

STATE OF Ohio)
COUNTY OF Cuyahoga) ss.

On 11-9-2018, before me, the undersigned notary public in and for said County and State, personally appeared

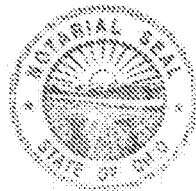
personally known to me [or]
 proved to me on the basis of satisfactory evidence

Wisconsin
DL 82603926-601-02
#19 1-11-19

to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity(ies) and that, by his/her signature(s) on the instrument, the person(s) or the entity(ies) upon behalf of which the person(s) acted executed the instrument.

WITNESS my hand and official seal.

Nov 21- 2019
My commission expires on



Nuha Newberry
Resident Summit County
Notary Public, State of Ohio
My Commission Expires: 11/21/2018

IN WITNESS WHEREOF, ASSIGNOR has caused this Assignment to be duly executed by an authorized officer on this _____ day of _____, 2018.

By: U. Mandoz

Printed Name: Chandra Vaidyanathan

STATE OF Maryland)

COUNTY OF Montgomery) ss.

On Nov 7, 2018, before me, the undersigned notary public in and for said County and State, personally appeared Chandra Vaidyanathan

 personally known to me [or]

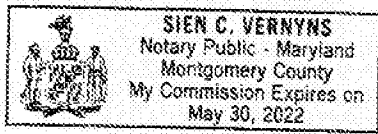
 proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity(ies) and that, by his/her signature(s) on the instrument, the person(s) or the entity(ies) upon behalf of which the person(s) acted executed the instrument.

WITNESS my hand and official seal.

Siem C. Vernyns

05/30/2022
My commission expires on



IN WITNESS WHEREOF, ASSIGNOR has caused this Assignment to be duly executed by an authorized officer on this 9 day of November, 2018.

By: [Signature]
Printed Name: Yohannes Tesfai

STATE OF MD)
COUNTY OF Montgomery) ss.

On Nov 8, 2018, before me, the undersigned notary public in and for said County and State, personally appeared Yohannes Tesfai

 personally known to me *[or]*
 proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity(ies) and that, by his/her signature(s) on the instrument, the person(s) or the entity(ies) upon behalf of which the person(s) acted executed the instrument.

WITNESS my hand and official seal.

[Signature: George Martiyan]
My commission expires on _____
George Martiyan
NOTARY PUBLIC
Howard County, Maryland
My Commission Expires 1/19/2019

ATTACHMENT 1

PATENTS

FAMILY NO.	PATENT/PUBL. NO.	APPLICATION NO.	STATUS	PATENT TITLE
1		US61652399	Expired	Method For Estimating Time and Carrier Phase Offsets in Legacy Time-Frequency Offset Wideband Signaling Systems
1		US61564418	Expired	Alternative Time-of-Arrival Estimation Methods For Time-Frequency Offset Wideband Signaling
1		US61435269	Expired	Frequency-Hopped Ultra-Wideband Time-of-Arrival Estimation Technique for Legacy Devices
1		US61421641	Expired	High Resolution Indoor Positioning System
1		US61409123	Expired	High-resolution channel sounding for indoor TDOA positioning using a narrowband RF transceiver
1		US61836281	Expired	Unsynchronized Time-of-Flight-based wireless positioning system using AP broadcasts
1	US9014172/ US20120320787	US13602451	Patent	HIGH RESOLUTION WIRELESS INDOOR POSITIONING SYSTEM FOR LEGACY STANDARDS-BASED NARROWBAND MOBILE RADIOS
1	US8687560/ US20140045522	US13968837	Expired	UNSYNCHRONIZED TIME-OF-FLIGHT-BASED WIRELESS POSITIONING SYSTEM USING NETWORK BROADCASTS
1	US8265011/ US20120120834	US13355557	Expired	HIGH RESOLUTION WIRELESS INDOOR POSITIONING SYSTEM FOR LEGACY STANDARDS-BASED NARROWBAND MOBILE RADIOS

FAMILY No.	PATENT/PUBL. No.	APPLICATION No.	STATUS	PATENT TITLE
1	US8179816/ US20120106380	US13286649	Expired	SYSTEM AND METHOD FOR HIGH RESOLUTION INDOOR POSITIONING USING A NARROWBAND RF TRANSCEIVER
1	US20130250791	US13891123	Abandoned	Indoor Positioning System for Standards-Based Narrowband mobile Radios Using Spectrally Overlapping Transmissions
1	EP2635917A1	EP118387349	Withdrawn	SYSTEM AND METHOD FOR HIGH RESOLUTION INDOOR POSITIONING USING A NARROWBAND RF TRANSCEIVER
1	WO2012061479	WOPCTUS1158928	Expired	SYSTEM AND METHOD FOR HIGH RESOLUTION INDOOR POSITIONING USING A NARROWBAND RF TRANSCEIVER
1	WO2012100240	WOPCTUS1222138	Expired	HIGH RESOLUTION WIRELESS INDOOR POSITIONING SYSTEM FOR LEGACY STANDARDS-BASED NARROWBAND MOBILE RADIOS