505831572 12/20/2019

EPAS ID: PAT5878505

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEVEN DANIEL MCCAIN	11/19/2019
JAY KISHORE NAGIN	11/19/2019
ELENA KRUZHKOVA	11/19/2019
DONNA KELLEY	09/25/2019

RECEIVING PARTY DATA

Name:	TOPCON POSITIONING SYSTEMS, INC.
Street Address:	7400 NATIONAL DRIVE
City:	LIVERMORE
State/Country:	CALIFORNIA
Postal Code:	94550

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16721981

CORRESPONDENCE DATA

Fax Number: (973)530-2228

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: 9735302028

Email: patent@csglaw.com

Correspondent Name: JEFFREY M. WEINICK

Address Line 1: CHIESA SHAHINIAN & GIANTOMASI PC

Address Line 2: ONE BOLAND DRIVE

Address Line 4: WEST ORANGE, NEW JERSEY 07052

ATTORNEY DOCKET NUMBER:	13838.0730
NAME OF SUBMITTER:	DIKLA BOROCHOV
SIGNATURE:	/Dikla Borochov/
DATE SIGNED:	12/20/2019

Total Attachments: 5

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PATENT 505831572 REEL: 051339 FRAME: 0871

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PATENT REEL: 051339 FRAME: 0872

ASSIGNMENT AND AGREEMENT

For value received, we, Steven Daniel McCain of Tracy, California, United States; Jay Kishore Nagin of Davis, California, United States; Elena Kruzhkova of Livermore, California, United States; and Donna Kelley of Louisville, Colorado, United States; hereby sell, assign and transfer to **Topcon Positioning Systems**, Inc., a corporation of the State of California, having an office at 7400 National Drive, Livermore, California 94550, United States (hereinafter referred to as "Assignee"), and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to a SYSTEM AND METHOD FOR TRACKING A REFERENCE LASER, described in an application for Letters Patent of the United States claiming the benefit of United States Provisional Patent Application Serial No. 62/803,152, filed February 8, 2019, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Assignee the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize **Assignee** to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of **Assignee** to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

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We request that any and all patents for said inventions be issued to **Assignee** in the United States and in all countries foreign to the United States, or to such nominees as **Assignee** may designate.

We agree that, when requested, we shall, without charge to **Assignee**, but at its expense, sign all papers and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Inventor(s) Signatures: A MCas

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

State of California

County of Hameda

truthfulness, accuracy, or validity of that document.

On November 19, 2019 before me, Like With June 12, Nobey Public (insert name and title of the officer), personally appeared Steven Daniel McCain, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(jes), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

WITNESS my hand and official seal.

Signature

(Seal)



Docket No. 13838.0730

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.

State of California

County of Hameda

On Member 19, 2019 before me, Estellite Jimeroz, Nobary Publicansert name and title of the officer), personally appeared Jay Kishore Nagin, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

WITNESS my hand and official seal.

Signature

(Seal)

ESTRELLITA JIMENEZ
Commission # 2133718
Notary Public - Galifornia
Alameda County
My Comm. Expires Dec 10, 2019

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.

State of California

County of Mamoda

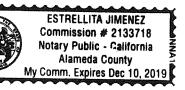
On New 19, 2009 before me, Estre List Jimene, Wording (insert name and title of the officer), personally appeared Elena Kruzhkova, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

WITNESS my hand and official seal.

Signature _____

(Seal)



Docket No. 13838.0730

Donna Kelley

Date: 25 September, 2019

United States of America

State of Colorado

County of Boulder

On this 25th day of Soptember, 2019, before me personally came **Donna Kelley**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

JO S. KIRKENAER
NOTARY PUBLIC
STATE OF COLDRADO
NOTARY ID 20194001269
NOTARY ID 20194001269

Notary Public