506130367 06/29/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6177093

THE FIRST NAMED INVENTOR previously recorded on Reel 050217 Frame 0894. Assignor(s) hereby confirms the THE FAMILY NAME OF	SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
THE FIRST NAIVIED INVENTOR IS GROSSE.		

# **CONVEYING PARTY DATA**

Name	Execution Date
MARCUS GROSSE	01/11/2018
MARTIN SCHAFFER	10/29/2018
SIMON WILLEKE	10/30/2018
BASTIAN HARENDT	01/11/2018

### **RECEIVING PARTY DATA**

Name:	COGNEX CORPORATION
Street Address:	ONE VISION DRIVE
City:	NATICK
State/Country:	MASSACHUSETTS
Postal Code:	01760

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	16556005	

# **CORRESPONDENCE DATA**

Fax Number: (617)646-8646

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: 617-646-8000

Email: patents\_KaranS@wolfgreenfield.com

**Correspondent Name:** KARAN SINGH

Address Line 1: WOLF, GREENFIELD & SACKS, P.C.

Address Line 2: **600 ATLANTIC AVENUE** 

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	C1524.70017US01 (C18-011)	
NAME OF SUBMITTER:	EVIS KAPO	
SIGNATURE:	/Evis Kapo/	
DATE SIGNED:	06/29/2020	

**PATENT** REEL: 053082 FRAME: 0855

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# **Total Attachments: 16** source=C152470017US01-ASI-ZPP#page1.tif source=C152470017US01-ASI-ZPP#page2.tif source=C152470017US01-ASI-ZPP#page3.tif source=C152470017US01-ASI-ZPP#page4.tif source=C152470017US01-ASI-ZPP#page5.tif source=C152470017US01-ASI-ZPP#page6.tif source=C152470017US01-ASI-ZPP#page7.tif source=C152470017US01-ASI-ZPP#page8.tif source=C152470017US01-ASI-ZPP#page9.tif source=C152470017US01-ASI-ZPP#page10.tif source=C152470017US01-ASI-ZPP#page11.tif source=C152470017US01-ASI-ZPP#page12.tif source=C152470017US01-ASI-ZPP#page13.tif source=C152470017US01-ASI-ZPP#page14.tif source=C152470017US01-ASI-ZPP#page15.tif source=C1524.70017US01- Original Coversheet#page1.tif

#### 505648125 08/29/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5694931 Stylesheet Version v1.2

**SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
MARCUS GROBE	01/11/2018
MARTIN SCHAFFER	10/29/2018
SIMON WILLEKE	10/30/2018
BASTIAN HARENDT	01/11/2018

# **RECEIVING PARTY DATA**

Name:	COGNEX CORPORATION
Street Address:	ONE VISION DRIVE
City:	NATICK
State/Country:	MASSACHUSETTS
Postal Code:	01760

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16556005

# CORRESPONDENCE DATA

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ZACHARY P. PICCOLOMINI **Correspondent Name:** 

Address Line 1: WOLF, GREENFIELD & SACKS, P.C.

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Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	C1524.70017US01 (C18-011)	
NAME OF SUBMITTER:	TRISH MCDONALD	
SIGNATURE:	/Trish McDonald/	
DATE SIGNED:	08/29/2019	

**Total Attachments: 15** 

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#### **ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to Cognex Corporation, a Massachusetts Corporation having a place of business at One Vision Drive, Natick, Massachusetts 01760, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the provisional patent application filed in the United States Patent and Trademark Office on September 7, 2018 under No. 62/728,505, bearing Attorney Docket No. C1524.70017US00, and entitled METHODS AND APPARATUS FOR EFFICIENT DATA PROCESSING OF INITIAL CORRESPONDENCE ASSIGNMENTS FOR THREE-DIMENSIONAL RECONSTRUCTION OF AN OBJECT, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be Issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past intringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;
- 5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and properly herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. C1524.70017US00; C18-011

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110418		
Date	inventor:	Marcus Große
	Address:	Westbahnhofstraße 6
		07745 Jena
		GERMANY
О	ltizenship:	Germany
Witness:	Signature Name: Address:	Jaskan Harendt
		And
Witness:		Genon Willy
Date	Signature	<u> </u>
	Name:	Simon Willete
	Address:	Hördelweg 6
		07743 Jena Germany

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Date	Inventor: Martin Schaffer	
	Address: Leipziger Straße 18	
	07743 Jena	
	GERMANY	
	Citizenship: Germany	
Witness:		
Date	Signature	
	Name:	
	Address:	
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Witness:		
Date	Signature	
	Name:	
	Address:	
	7,600,505	
Attorney Docket No. C1524.70017US	); C18-011	

Date	inventor:	Simon Willeke
	Address:	Händelweg 6
		07743 Jena
		GERMANY
	Citizenship:	
e e		
Witness:		
Date	Signature	<b>)</b> ;
	Name:	
	Address:	
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	Name:	
	Address:	

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N/1/16 Date	Inventor: Address: Citizenship:	Bastian Harendt Drevesstraße 9 07749 Jena GERMANY Germany
Witness:  /////////// Date	Signature Name: Address:	MARCUS SPOSE
Witness:  11/1/1/15  Date	Signature Name: Address:	Simon Willeke Händelweg 6 07243 Jena, Germany

5

### **ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to Connex Corporation, a Massachusetts Corporation having a place of business at One Vision Drive, Natick, Massachusetts 01760, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the provisional patent application filed in the United States Patent and Trademark Office on September 7, 2018 under No. 62/728,505, bearing Attorney Docket No. C1524.70017US00, and entitled METHODS AND APPARATUS FOR EFFICIENT DATA PROCESSING OF INITIAL CORRESPONDENCE ASSIGNMENTS FOR THREE-DIMENSIONAL RECONSTRUCTION OF AN OBJECT, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs:
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;
- Request the Director of the United States Patent and Trademark Office and foreign patent authorities
  to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;
- Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. C1524.70017US00; C18-011

PATEN1

REEL: 053082 FRAME: 0863

Date	Inventor:	Marcus Große
	Address:	Westbahnhofstraße 6
		07745 Jena
		GERMANY
	Citizenship:	Germany
Witness:		
Date	Signature	}
	Name:	
	Address:	
Witness:		
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Date	Signature	3
	Name:	
	Address:	

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Date		Martin Schaffer
	Address:	Leipziger Straße 18
		07743 Jena
	on the second	GERMANY
	Citizenship:	Germany
Witness:	2	ail lew Glo
Date	Signature	
	Name:	DAVID CONOR DYKEMAN
	Address:	1526 TREMAR STREET
		BOSTON MA 02120
		2.7/22
Witness:		
Date	Signature	3
	Name:	
	Address:	

Date		Simon Willeke
	Address:	Händelweg 6
		07743 Jena
		GERMANY
	Citizenship:	Germany
Witness:		
Date	Signature	9
	Name:	
	manne;	
	Address:	
Witness:		
Date	Signature	3
~~~	O.S. racos	•
	Name:	
	Address:	
	Augrops.	

Date	Inventor:	Bastian Harendt
	Address:	Drevesstraße 9
		07749 Jena
		GERMANY
	Citizenship:	Germany
Witness:		
Date	Signature	}
	Name:	
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	Address:	
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Date	Signature	<b>!</b>
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#### **ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to Cognex Corporation, a Massachusetts Corporation having a place of business at One Vision Drive, Natick, Massachusetts 01760, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the provisional patent application filed in the United States Patent and Trademark Office on September 7, 2018 under No. 62/728,505, bearing Attorney Docket No. C1524,70017US00, and entitled METHODS AND APPARATUS FOR EFFICIENT DATA PROCESSING OF INITIAL CORRESPONDENCE ASSIGNMENTS FOR THREE-DIMENSIONAL RECONSTRUCTION OF AN OBJECT, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the Inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;
- Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;
- 5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6, Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

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Attorney Docket No. C1524.70017US00; C18-011

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Date	Inventor	Marcus Große
		Westbahnhofstraße 6
	modressa.	07745 Jena
	2000	GERMANY
	Citizenship:	Germany
Witness:		
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Attorney Docket No. C1524.70017US00; C	10-011	
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Date	Inventor:	Martin Schaffer
	Address:	Leipziger Straße 18
		07743 Jena
		GERMANY
4	Citizenship:	Germany
Witness:		
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Witness:		
Date	Signature	<u> </u>
	Name:	
	Address:	
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Attorney Docket No. C1524.70017US00;	C18-011	

2018-10-30		Genor VIlle
Date	Inventor:	Simon Willeke
	Address:	Händelweg 6
		07743 Jena
		GERMANY
	Citizenship:	Germany
Witness: <u>7018 - 10 - 3 C&gt;</u> Date	Signature	1/200
	Name:	Bens Pelersen
	Address:	★ 1 ½ 3 Å.
		07747 June
		Jermany
Wilness:		Same to the same
2012-10-30		28. <del>16</del>
Date	Signature	7
	Name:	Johannes Rühle
	Address:	Forder 5
		07745 jena
		Frinany

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Date	Inventor:	Bastian Harendt
	Address:	Drevesstraße 9
		07749 Jena
		GERMANY
	Citizenship:	Germany
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Witness:		
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Date	Signature	3
	Name:	· · · · · · · · · · · · · · · · · · ·
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Attorney Docket No. C1524.70017US00;	C18-011	
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