

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6581693

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ZIHAN HANS LIU	09/04/2018
NATHANIEL BOGAN	02/27/2019
ANDREW HOELSCHER	12/14/2018
ERIC MOORE	02/28/2019
BENJAMIN BRAKER	02/28/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	COGNEX CORPORATION
<b>Street Address:</b>	ONE VISION DRIVE
<b>City:</b>	NATICK
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01760
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16914387
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	3038181728
<b>Email:</b>	dbwilson@wilsonpatentlaw.com
<b>Correspondent Name:</b>	DAVID B. WILSON
<b>Address Line 1:</b>	4845 PEARL EAST CIRCLE, SUITE 101
<b>Address Line 4:</b>	BOULDER, COLORADO 80301
<b>ATTORNEY DOCKET NUMBER:</b>	1000-P009.01.01
<b>NAME OF SUBMITTER:</b>	DAVID B. WILSON
<b>SIGNATURE:</b>	/David B. Wilson/
<b>DATE SIGNED:</b>	03/03/2021
<b>Total Attachments: 16</b>	
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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, ZIHAN HANS LIU of 524 Putnam Avenue, Apartment 2, Cambridge, Massachusetts 02139, NATHANIEL BOGAN of 34 Robinhood Road, Natick, Massachusetts 01760, ANDREW HOELSCHER of 96 Rice Street, Cambridge, Massachusetts 02140, ERIC MOORE of 619 Collyer Street, Longmont, Colorado 80501, and BENJAMIN BRAKER of 476 East Raintree Court, Louisville, Colorado 80027, assign to COGNEX CORPORATION, a corporation formed under the laws of Massachusetts and having a principal place of business at One Vision Drive, Natick, Massachusetts 01760, and its successors, transferees, and assignees (collectively the "Assignee"), all of our right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "CODING DISTANCE TOPOLOGIES FOR STRUCTURED LIGHT PATTERNS FOR 3D RECONSTRUCTION", and was filed in the United States Patent and Trademark Office on August 16, 2018, as application 16/104,106 (the "Application"). We authorize the insertion of the filing date and application number above.

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and the power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

\_\_\_\_\_  
Date: \_\_\_\_\_  
ZIHAN HANS LIU

Witnessed by:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

\_\_\_\_\_  
Date: \_\_\_\_\_  
NATHANIEL BOGAN

Witnessed by:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

\_\_\_\_\_  
ANDREW HOELSCHER

Date: \_\_\_\_\_

Witnessed by:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Eric Moore  
\_\_\_\_\_

Date: 2/28/19

ERIC MOORE

Witnessed by:

Signature: Maria Campa  
\_\_\_\_\_

Date: 2/28/19

Print Name: Maria Campa

Signature: John Maushammer  
\_\_\_\_\_

Date: 2-28-19

Print Name: John Maushammer

Benjamin Braker  
\_\_\_\_\_

Date: 2/28/2019

BENJAMIN BRAKER

Witnessed by:

Signature: Maria Campa  
\_\_\_\_\_

Date: 2/28/19

Print Name: Maria Campa

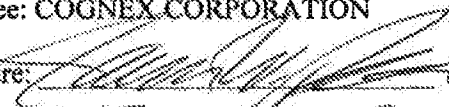
Signature: John Maushammer  
\_\_\_\_\_

Date: 2-28-19

Print Name: John Maushammer

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: COGNEX CORPORATION

Signature: 

Date: 3/19/19

Name: James W. Peak

Title: VP, Legal Services

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, ZIHAN HANS LIU of 524 Putnam Avenue, Apartment 2, Cambridge, Massachusetts 02139, NATHANIEL BOGAN of 34 Robinhood Road, Natick, Massachusetts 01760, ANDREW HOELSCHER of 96 Rice Street, Cambridge, Massachusetts 02140, ERIC MOORE of 619 Collyer Street, Longmont, Colorado 80501, and BENJAMIN BRAKER of 476 East Raintree Court, Louisville, Colorado 80027, assign to COGNEX CORPORATION, a corporation formed under the laws of Massachusetts and having a principal place of business at One Vision Drive, Natick, Massachusetts 01760, and its successors, transferees, and assignees (collectively the "Assignee"), all of our right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "CODING DISTANCE TOPOLOGIES FOR STRUCTURED LIGHT PATTERNS FOR 3D RECONSTRUCTION" and was filed in the United States Patent and Trademark Office on August 16, 2018, as application 16/104,106 (the "Application"). We authorize the insertion of the filing date and application number above.

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\_\_\_\_\_  
Date: \_\_\_\_\_  
ZIHAN HANS LIU

Witnessed by:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

\_\_\_\_\_  
Date: \_\_\_\_\_  
NATHANIEL BOGAN

Witnessed by:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_




  
\_\_\_\_\_

ANDREW HOELSCHER

Date: 12/14/18

Witnessed by:

Signature:   
\_\_\_\_\_

Date: 12/14/18

Print Name: DANIEL FERRÉS

Signature:   
\_\_\_\_\_

Date: 12/14/18

Print Name: CHARLES AMALISCH

\_\_\_\_\_

Date: \_\_\_\_\_

ERIC MOORE

Witnessed by:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

BENJAMIN BRAKER

Witnessed by:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: COGNEX CORPORATION

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

ASSIGNMENT

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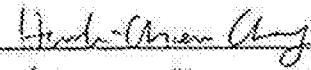
  
\_\_\_\_\_  
ZIHAN HANSLIU

Date: Sept-04-2018

Witnessed by:

Signature:   
\_\_\_\_\_  
Print Name: RETO WYSS

Date: 02/09/2018

Signature:   
\_\_\_\_\_  
Print Name: Hsueh-Chien Cheng

Date: 09/04/2018

\_\_\_\_\_  
NATHANIEL BOGAN

Date: \_\_\_\_\_

Witnessed by:

Signature: \_\_\_\_\_  
Print Name: \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Print Name: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

ANDREW HOELSCHER

Witnessed by:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

ERIC MOORE

Witnessed by:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

BENJAMIN BRAKER

Witnessed by:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

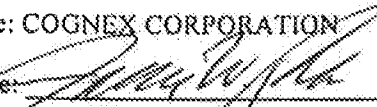
Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: COGNEX CORPORATION

Signature: 

Date: 9/7/2018

Name: James W. Peck

Title: Vice President, Legal Services

ASSIGNMENT

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\_\_\_\_\_  
Date: \_\_\_\_\_

ZIHAN HANS LIU

Witnessed by:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

NATHANIEL BOGAN Date: 2/27/2019

NATHANIEL BOGAN

Witnessed by:

Signature: Willard Foster Date: 2/27/2019

Print Name: Willard Foster

Signature: ALES HUEZDA Date: 2/27/2019

Print Name: ALES HUEZDA



\_\_\_\_\_

Date: \_\_\_\_\_

ANDREW HOELSCHER

Witnessed by:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

ERIC MOORE

Witnessed by:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

BENJAMIN BRAKER

Witnessed by:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: COGNEX CORPORATION

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_