504782715 02/19/2018

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4829446

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES A. NEGRO	02/17/2012
JOHN F. KEATING	02/17/2012
MICHAEL C. MOED	02/17/2012

RECEIVING PARTY DATA

Name:	COGNEX CORPORATION
Street Address:	ONE VISION DRIVE
City:	NATICK
State/Country:	MASSACHUSETTS
Postal Code:	01760-2077

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15700620

CORRESPONDENCE DATA

Fax Number:

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: 5086503387

Email: patents.us@cognex.com **COGNEX CORPORATION Correspondent Name:**

Address Line 1: ONE VISION DRIVE

Address Line 4: NATICK, MASSACHUSETTS 01760

ATTORNEY DOCKET NUMBER:	C11-003 CON2 210736.00431
NAME OF SUBMITTER:	RORY E. FOSTER
SIGNATURE:	/Rory E. Foster/
DATE SIGNED:	02/19/2018

Total Attachments: 4

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PATENT REEL: 044964 FRAME: 0486 504782715

ASSIGNMENT

WHEREAS, We, <u>James A. Negro</u>, residing at <u>37 Walnut Street</u>, <u>Arlington</u>, <u>MA 02476</u>, and <u>John F. Keating</u>, residing at <u>15 Diane Drive</u>, <u>Medway</u>, <u>MA 02053</u>, and <u>Michael C. Moed</u>, residing at <u>15 Glen Road</u>, <u>Hopkinton</u>, <u>MA 01748</u>, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on <u>November 3, 2011</u>, which application was assigned U.S. patent application serial number <u>13/288,104</u>, and is entitled <u>METHOD AND APPARATUS FOR ORDERING CODE CANDIDATES IN IMAGE FOR DECODING ATTEMPTS</u>:

AND WHEREAS, <u>Cognex Corporation</u>, a corporation organized and existing under and by virtue of the laws of the State of <u>Massachusetts</u>, and having an office and place of business at <u>One Vision Drive</u>, <u>Natick</u>, <u>MA 01760-2077</u> (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

PATENT REEL: 044964 FRAME: 0487 AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 17 day of
FEBURAL , 2012.
James A. Negro
STATE OF Massachusetts
On this 17th day of Feb, 2012 before me personally appeared James A.
Negro, to me known and known to me to be the person described in and who executed the foregoing
instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes
CHERYL A. SLOANE Notary Public Commonwealth OF MASSACHUSETTS My Commission Expires April 20, 2018 [SEAL] Notary Public

Docket No: C11-003 Serial Number: 13/288,104 Filing Date: November 3, 2011

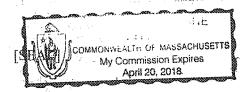
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IN TESTIMONY WHEREOF, I have hereunto set my hand this 1/2 day of

STATE OF Mansachusetts

COUNTY OF Middlesex

On this \\ \ \ \ day of \(\overline{Fobruary} \), 2012 before me personally appeared \(\overline{John F.} \) Keating, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Jufa Soane

John E Keating

PATENT REEL: 044964 FRAME: 0489 Docket No: C11-003 Serial Number: 13/288,104 Filing Date: November 3, 2011 Page 4 of 4

IN TESTIMONY WHEREOF, I have hereunto set my hand this // day of february , 2012.

Michael C. Moed

STATE OF MCLSSCOWSetts

COUNTY OF MiddleSex

On this May of feb , 2012 before me personally appeared Michael C.

Moed, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

CHERYLA SLOANE

Notary Public

Notary Public

Notary Public

PATENT REEL: 044964 FRAME: 0490

RECORDED: 02/19/2018