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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT				
NATURE OF CONVEYANCE:			ASSIGNMENT				
	Y DATA						
			Name			Execution Date	
WILLIAM M. SILVER						05/01/2012	
IVAN BACHELDER						03/11/2012	
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State/Country:	MASS	MASSACHUSETTS					
Postal Code:	01760-	01760-2077					
Application Number:		14837115					
Application Number:		14837115					
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DATE SIGNED:			06/27/2016				
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ASSIGNMENT

WHEREAS, We, <u>William M. Silver</u>, residing at <u>12 Potter Point Road</u>, <u>Nobleboro, ME 04555</u>. and <u>Ivan Bachelder</u>, residing at <u>905 Craftsman St</u>, <u>Hillborough</u>, <u>NC 27278</u>, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on <u>December 23, 2011</u>, which application was assigned U.S. patent application serial number <u>13/336,275</u>, and is entitled <u>METHODS AND APPARATUS FOR ONE-DIMENSIONAL SIGNAL EXTRACTION</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: 039018 FRAME: 0626 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 _____ day of , 2012.

William M. Silver

STATE OF Massachusetts COUNTY OF Middle Sex

On this <u>1St</u> day of <u>Mac</u>, 2012 before me personally appeared <u>William M</u>. <u>Silver</u>, 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.

1. Spanc

[SEAL]

Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this $\frac{1}{1}$ day of March, 2012.
And the first of the first of the second sec
TATE OF Massachusetts)
ounty of Middlesch,
On this $\frac{1/42}{2}$ day of Warch, 2012 before me personally appeared Ivan

Bachelder, 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.

[SEAL]

fa. Soare

Notary Public

RECORDED: 06/27/2016