

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
IAN DEVINY	11/22/2019
LUTHER-KING NGWENDSON	11/22/2019
JOHN HUTCHINGS	11/22/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DYNEX SEMICONDUCTOR LIMITED
<b>Street Address:</b>	DODDINGTON ROAD
<b>City:</b>	LINCOLN
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	LN6 3LF
<b>Name:</b>	ZHUZHOU CRRC TIMES ELECTRIC CO. LTD.
<b>Street Address:</b>	SHIDAI ROAD
<b>Internal Address:</b>	SHIFENG DISTRICT
<b>City:</b>	ZHUZHOU, HUNAN
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	412001
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16615900
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(216)621-4072
<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>	2166212234
<b>Email:</b>	vmaichl@tarolli.com
<b>Correspondent Name:</b>	TAROLLI, SUNDHEIM, COVELL & TUMMINO LLP
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<b>ATTORNEY DOCKET NUMBER:</b>	C64-029154 US PCT

<b>NAME OF SUBMITTER:</b>	CRAIG W. HAYDEN
<b>SIGNATURE:</b>	/Craig W. Hayden/
<b>DATE SIGNED:</b>	12/18/2019
<b>Total Attachments: 4</b> source=C64-029154USPCT-ASSIGNMENT#page1.tif source=C64-029154USPCT-ASSIGNMENT#page2.tif source=C64-029154USPCT-ASSIGNMENT#page3.tif source=C64-029154USPCT-ASSIGNMENT#page4.tif	

**ASSIGNMENT**


WHEREAS, we, **Ian DEVINY**, of Lincolnshire, United Kingdom, **Luther-King NGWENDSON**, of Lincolnshire, United Kingdom, and **John HUTCHINGS**, of Lincolnshire, United Kingdom, have made new and useful improvements entitled **A SEMICONDUCTOR DEVICE** for which an application for Letters Patent in the U.S. has been filed on 22 November 2019, under Serial No. 16/615,900 and

WHEREAS, **Dynex Semiconductor Limited**, an organization duly organized and existing under the laws of **United Kingdom**, having a place of business at **Doddington Road, Lincoln, Lincolnshire LN6 3LF, United Kingdom**, and **Zhuzhou CRRC Times Electric Co. Ltd.**, an organization duly organized and existing under the laws of **China**, having a place of business at **Shidai Road, Shifeng District, Zhuzhou, Hunan 412001, China**, are both desirous of acquiring the entire right, title and interest in and to the said improvements and all patents therefor to be obtained in the United States of America and countries foreign to the United States;

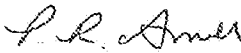
NOW THEREFORE, BE IT KNOWN that for valuable considerations to me paid, the receipt whereof is hereby acknowledged, we, the said **Ian DEVINY**, **Luther-King NGWENDSON**, and **John HUTCHINGS**, do hereby assign, sell and set over unto the said **Dynex Semiconductor Limited AND Zhuzhou CRRC Times Electric Co. Ltd.**, its successors or assigns, the entire right, title and interest in and to the said improvements and any and all inventions pertaining thereto, said application Serial No. 16/615,900, for the United States patent, all patents granted therefor in the United States of America and elsewhere, and the right to apply for patents therefor in all countries foreign to the United States and to claim for such applications the priority of United States applications, and I hereby request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents, to issue such patents to the said **Dynex Semiconductor Limited AND Zhuzhou CRRC Times Electric Co. Ltd.**, its successors or assigns; and I further agree to execute such other applications and other instruments and do all other acts as may be deemed necessary by the said **Dynex Semiconductor Limited AND Zhuzhou CRRC Times Electric Co. Ltd.**, its successors or assigns in order to fully secure, protect and preserve its rights to the said improvements and to obtain patents therefor in the United States of America and all countries foreign to the United States, all without further consideration but at the expense of the said **Dynex Semiconductor Limited AND Zhuzhou CRRC Times Electric Co. Ltd.**, its successors or assigns.

**SIGNATURES ON FOLLOWING PAGES**

Executed this 22nd day of November, 2019

  
\_\_\_\_\_  
Ian DEVINY

Witnessed:

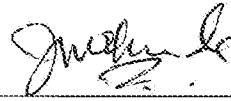
  
\_\_\_\_\_

Name: P.R. Arjona

Title: CONTRACTS MANAGER

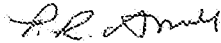
Date: 22nd November 2019

Executed this 22nd day of November, 2019



\_\_\_\_\_  
Luther-King NGWENDSON

Witnessed:

  
\_\_\_\_\_

Name: P.R. ARNOLD

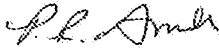
Title: CONTRACTS MANAGER

Date: 22nd November 2019

Executed this 22nd day of November, 2019.

  
\_\_\_\_\_  
John HUTCHINGS

Witnessed:

  
\_\_\_\_\_

Name: P.R. ARSOLO

Title: CONTRACTS MANAGER

Date: 22nd November 2019