

## 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>
HUAZHEN CHAI	05/04/2020
MUSTANSIR KHERALUWALA	05/05/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HAMILTON SUNDSTRAND CORPORATION
<b>Street Address:</b>	FOUR COLISEUM CENTRE
<b>Internal Address:</b>	2730 WEST TYVOLA ROAD
<b>City:</b>	CHARLOTTE
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	28217-4578
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17244178
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(860)286-0115
<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>	8602862929
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<b>ATTORNEY DOCKET NUMBER:</b>	127190US02 (U381551US2)
<b>NAME OF SUBMITTER:</b>	MATTEO D. PEDINI
<b>SIGNATURE:</b>	/MATTEO D. PEDINI/
<b>DATE SIGNED:</b>	04/29/2021
<b>Total Attachments: 4</b>	
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**ASSIGNMENT**

WHEREAS, WE, Huazhen Chai, residing at 12125 Leighton Drive, Caledonia, IL 61011, and Mustansir Kheraluwala, residing at 780 Old Mill Grove Road, Lake Zurich, IL 60047, have invented new and useful improvements in:

**OVER-MODULATION PULSE WIDTH MODULATION WITH MAXIMUM OUTPUT  
AND MINIMUM HARMONICS**

which is set forth in an application in the United States executed on even date herewith:

WHEREAS, Hamilton Sundstrand Corporation, a corporation organized and existing under and by virtue of the laws of Delaware, and having an office and place of business at Four Coliseum Centre, 2730 West Tyvola Road, Charlotte, NC 28217-4578 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention(s), and any and all patents and to be obtained therefore;

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file foreign patent applications corresponding to said application, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

AND the Assignors hereby covenant and agree that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignors hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

/May 4, 2020/  
Date

/Huazhen Chai/  
**Huazhen Chai**

Date \_\_\_\_\_

**Mustansir Kheraluwala**

**Please address all correspondence and telephone calls and, upon recordation, please return this document to:**

**CANTOR COLBURN LLP**  
20 Church St., 22<sup>nd</sup> Floor  
Hartford, CT 06103, USA  
Tel: 860-286-2929  
Fax: 860-286-0115

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**Date**

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**Huazhen Chai**

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/May 5, 2020/

**Date**

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/Mustansir Kheraluwala/

**Mustansir Kheraluwala**

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