503430193 08/10/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL ABBOTT	07/20/2015
ANDREW SLANKER	08/03/2015
BRIAN SYVERSON	07/20/2015
ERIC JOSEPH REED	08/07/2015
SCOTT R DURKEE	07/27/2015
ALEXANDER WHITE	07/23/2015

RECEIVING PARTY DATA

Name:	GOODRICH CORPORATION
Street Address:	2730 WEST TYVOLA ROAD
City:	CHARLOTTE
State/Country:	NORTH CAROLINA
Postal Code:	28217-4578

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14817886

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.

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ATTORNEY DOCKET NUMBER:	63838.13300
NAME OF SUBMITTER:	KYLE GRAVES
SIGNATURE:	/Kyle Graves/
DATE SIGNED:	08/10/2015

PATENT 503430193 REEL: 036292 FRAME: 0237

Total Attachments: 7 source=6383813300_Asn#page1.tif source=6383813300_Asn#page2.tif source=6383813300_Asn#page3.tif source=6383813300_Asn#page4.tif source=6383813300_Asn#page5.tif source=6383813300_Asn#page6.tif source=6383813300_Asn#page7.tif

PATENT REEL: 036292 FRAME: 0238 WHEREAS, the undersigned inventor(s) (hereinafter singly and collectively, "ASSIGNOR") of the addresses indicated below, have invented subject matter disclosed and/or claimed in the patent application entitled CIRCUIT CARD filed herewith;

AND WHEREAS, GOODRICH CORPORATION (hereinafter "ASSIGNEE"), a corporation organized and existing under and by virtue of the laws of the State of New York having its principal place of business and mailing address at Four Coliseum Centre, 2730 West Tyvola Road, Charlotte, NC 28217-4578 is desirous of memorializing its interest therein;

NOW, THEREFORE, the undersigned ASSIGNOR hereby confirms that ASSIGNOR is an employee, salaried employee, past employee or a contractor of ASSIGNEE and that ASSIGNOR developed the subject matter of the inventions on ASSIGNEE's time and at the expense of ASSIGNEE and within the scope of ASSIGNOR's duties to ASSIGNEE and thereby ASSIGNOR recognizes that the ASSIGNEE owns the inventions as described in the aforesaid application. Nonetheless to comport with Patent Office procedures, ASSIGNOR memorializes that relationship in the form of this assignment and;

THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the inventions, as described in the aforesaid application, including patent, copyright and any other intellectual property rights, any provisional, non-provisional, continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT or other patent application or like document, or any other application which claims priority to said application, including the rights to sue for all past and future causes of action related to said inventions, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND HEREBY AGREES to transfer to ASSIGNEE, its successors, assigns and legal representatives, without further remuneration, a like interest in and to any improvements, related new matter, and derivative works, and applications based thereon, growing out of or relating to the inventions; and to provide all reasonable assistance and execute any papers, if accurate, desired by ASSIGNEE, its successors, assigns and legal representatives, to preserve, acquire and/or perfect ASSIGNEE's full protection and title in and to the inventions and any improvements and to file any of the aforementioned applications.

In the event that the Application Number and/or filing date is not available when this Assignment is executed, I hereby authorize and request any attorney associated with Snell & Wilmer L.L.P., Customer No. 85628, to insert in this assignment the filing date and/or the

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PATENT REEL: 036292 FRAME: 0239

EXECUTED as of the date(s) written below by ASSIGNOR:

INVENTOR'S NAME/ADDRESS	SIGNATURÊ	DATE /
Michael Abbott 29 Morse Dr. Shelburne, VT 05482	JANJUJUU	1120/2019
INVENTOR'S NAME/ADDRESS	SIGNATURE	DATE
Andrew Slanker		
INVENTOR'S NAME/ADDRESS	signature /	DATE
Brian Syverson 72 Agnes Drive Huntington, VT 05462	WEJ-	1/20/2015
INVENTOR'S NAME/ADDRESS	SIGNATURE	DATE
Eric Joseph Reed 2813 Wagon Wheel Way Troy, OH 45373		
INVENTOR'S NAME/ADDRESS	SIGNATURE	DATE
Scott R. Durkee 56 LeDuc Road New Haven, VT 05472		
INVENTOR'S NAME/ADDRESS	SIGNATURE	DATE
Alexander White		

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Brian Syverson 72 Agnes Drive Huntington, VT 05462		
INVENTOR'S NAME/ADDRESS	SIGNATURE	DATE
Eric Joseph Reed 2813 Wagon Wheel Way Troy, OH 45373		<u> </u>
INVENTOR'S NAME/ADDRESS	SIGNATURE	DATE
Scott R. Durkes 56 LeDuc Road New Haven, VT 05472		
INVENTOR'S NAME/ADDRESS	SIGNATURE	DATE
Alexander White		

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Eric Joseph Reed 2813 Wagon Wheel Way Troy, OH 45373		
INVENTOR'S NAME/ADDRESS	SIGNATURE	DATE
Scott R. Durkee 56 LeDuc Road New Haven, VT 05472		<u> 7/27/2</u> 0/5
INVENTOR'S NAME/ADDRESS	SIGNATURE	DATE
Alexander White		

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INVENTOR'S NAME/ADDRESS SIGNATURE DATE	1
Alexander White 7/23 Alexander White 7/23 Alexander White 7/23	15

2

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3

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RECORDED: 08/10/2015

PATENT REEL: 036292 FRAME: 0245