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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CASEY SLANE	10/20/2017
JIN HU	10/20/2017
GALDEMIR CEZAR BOTURA	10/16/2017
NATHANIEL CHING	10/20/2017

RECEIVING PARTY DATA

Name:	GOODRICH CORPORATION	
Street Address:	2730 WEST TYVOLA ROAD	
Internal Address:	4 COLISEUM CENTRE	
City:	CHARLOTTE	
State/Country:	NORTH CAROLINA	
Postal Code:	28217-4578	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15789632

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	99458US01-U100-012936	
NAME OF SUBMITTER:	LEA E. WESTMAN	
SIGNATURE:	/Lea E. Westman/	
DATE SIGNED:	10/20/2017	

Total Attachments: 4

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PATENT REEL: 043916 FRAME: 0466 source=2017-10-20_ASSIGN_99458US01-U100-012936#page2.tif source=2017-10-20_ASSIGN_99458US01-U100-012936#page3.tif source=2017-10-20_ASSIGN_99458US01-U100-012936#page4.tif

> PATENT REEL: 043916 FRAME: 0467

Attorney Docket No.

99458US01-U100-012936

First Named Inventor

Casey Slane

Title

MICRO-PERFORATIONS FOR CNT HEATERS

WHEREAS, we, Casey Slane, of Richwood, OH, U.S.A.; Jin Hu, of Hudson, OH, U.S.A.; Galdemir Cezar Botura, of Akron, OH, U.S.A.; and Nathaniel Ching, of Hartville, OH, U.S.A., have invented certain new and useful improvements as described in an application entitled MICRO-PERFORATIONS FOR CNT HEATERS for Letters Patent of the United States, the application being identifiable by its title and named inventors above, and/or being identifiable in the United States Patent and Trademark Office by Application No. _______, filed _______; and

WHEREAS, Goodrich Corporation, a corporation organized and existing under the laws of the State of New York, and having offices at 4 Coliseum Centre, 2730 West Tyvola Road, Charlotte, NC, United States of America, 28217-4578, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

Witness Signature

Witness Printed Name

10/20/12. Date

Attorney Docket No.

99458US01-U100-012936

Jin Hu

Witness Signatúre

//a. //a.a. e./ Witness Printed Name / 0 -20 -2 s /)
Date

Attorney Docket No.

99458US01-U100-012936

Galdemir Cezar Botura

Witness Signature
Robert Dalson

Witness Printed Name

16-001-2017

Date

Attorney Docket No.

99458US01-U100-012936

Nathaniel Ching

Withess Signature

RECORDED: 10/20/2017

Note Designed Norma

 $\frac{16/20/17}{\text{Date}}$

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