## 507200872 03/28/2022 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	DATA				
		Name	Execution	n Date	
JAMES A. MULLEN			09/17/2018		
RECEIVING PARTY D	ΑΤΑ				
Name:	GOODI	GOODRICH CORPORATION			
Street Address:	2730 W	2730 WEST TYVOLA ROAD			
Internal Address:	4 COLI	4 COLISEUM CENTRE			
City:	CHARL	CHARLOTTE			
State/Country:	NORTH	NORTH CAROLINA			
Postal Code:	28217-4	4578			
Property Type		Number 17656532			
Application Number:		1/656532			
	DATA				
CORRESPONDENCE	Fax Number: (612)				
Fax Number:		(612)339-6580			
Fax Number: Correspondence will	be sent to	the e-mail address first; if tha		ent	
Fax Number: Correspondence will	be sent to f provided			ent	
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Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4:	be sent to f provided :	<i>the e-mail address first; if tha</i> <i>I; if that is unsuccessful, it will</i> 612-339-1863 nchambers@kinney.com GEORGE J. ROMANK 312 SOUTH THIRD STREET	<b>be sent via US Mail.</b> 5415	ent	
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Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET I	be sent to f provided : : NUMBER:	the e-mail address first; if tha l; if that is unsuccessful, it will 612-339-1863 nchambers@kinney.com GEORGE J. ROMANK 312 SOUTH THIRD STREET MINNEAPOLIS, MINNESOTA 55 104099US02-U200-01236 GEORGE J ROMANIK	<b>be sent via US Mail.</b> 5415	ent	
Fax Number: <i>Correspondence will</i> <i>using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER SIGNATURE:	be sent to f provided : : NUMBER:	the e-mail address first; if tha l; if that is unsuccessful, it will 612-339-1863 nchambers@kinney.com GEORGE J. ROMANK 312 SOUTH THIRD STREET MINNEAPOLIS, MINNESOTA 5 104099US02-U200-01236 GEORGE J ROMANIK /George J Romanik/	<b>be sent via US Mail.</b> 5415	ent	

PATENT REEL: 059411 FRAME: 0843

Attorney Docket No.

104099US01-U200-012071

First Named Inventor	:	James A. Mullen
Title	ź	ADDITIVE MANUFACTURED STRAIN GAUGE ON COMPONENT SURFACES FOR PREDICTIVE FAILURE

WHEREAS, I, James A. Mullen, of Wadsworth, OH, U.S.A., have invented certain new and useful improvements as described in an application entitled ADDITIVE MANUFACTURED STRAIN GAUGE ON COMPONENT SURFACES FOR PREDICTIVE FAILURE MONITORING 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.

James A. Mullen

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Witness Printed Name

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