

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6444160

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
EDWARD JOHN COYNE	05/26/2017
ALAN J. O'DONNELL	05/11/2017
SHAUN BRADLEY	05/24/2017
DAVID AHERNE	05/18/2017
DAVID BOLAND	05/18/2017
THOMAS G. O'DWYER	05/18/2017
COLM PATRICK HEFFERNAN	05/15/2017
KEVIN B. MANNING	06/16/2017
MARK FORDE	05/16/2017
DAVID J. CLARKE	05/12/2017
MICHAEL A. LOOBY	05/17/2017
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17062225
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ATTORNEY DOCKET NUMBER:	ADIRE.163A2C2

NAME OF SUBMITTER:	KYU S. MIN
SIGNATURE:	/Kyu Min/
DATE SIGNED:	12/10/2020
Total Attachments: 12 source=Signed Assignment - ADIRE.163A2C2#page1.tif source=Signed Assignment - ADIRE.163A2C2#page2.tif source=Signed Assignment - ADIRE.163A2C2#page3.tif source=Signed Assignment - ADIRE.163A2C2#page4.tif source=Signed Assignment - ADIRE.163A2C2#page5.tif source=Signed Assignment - ADIRE.163A2C2#page6.tif source=Signed Assignment - ADIRE.163A2C2#page7.tif source=Signed Assignment - ADIRE.163A2C2#page8.tif source=Signed Assignment - ADIRE.163A2C2#page9.tif source=Signed Assignment - ADIRE.163A2C2#page10.tif source=Signed Assignment - ADIRE.163A2C2#page11.tif source=Signed Assignment - ADIRE.163A2C2#page12.tif	

ASSIGNMENT

WHEREAS, I am a named inventor, Edward John Coyne, Alan J. O'Donnell, Shaun Bradley, David Aherne, David Boland, Thomas G. O'Dwyer, Colm Patrick Heffernan, Kevin B. Manning, Mark Forde, David J. Clarke, or Michael A. Looby of residence listed below, having invented certain new and useful improvements as described in an application for United States Letters Patent entitled "WEAR-OUT MONITOR DEVICE," (hereinafter referred to as "Application") and having internal reference number of APD5660-4-US;

WHEREAS, I hereby authorize and request the attorneys or agents associated with United States Patent and Trademark Office Customer No. 110,883 to insert here in parentheses (Ser. No. 15/490,584; Filing Date: April 18, 2017) the filing date and serial number of the Application when known;

WHEREAS, Analog Devices Global (hereinafter referred to as "Assignee"), a corporation organized under the laws of Ireland with its registered office at Bay F1 Raheen Industrial Estate, Limerick, Ireland and its principal place of business at 3rd Floor, Par La Ville Place 14, Par La Ville Road, Hamilton, Bermuda, desires to acquire my entire right, title and interest in and to any and all inventions and improvements that are disclosed in the Application (hereinafter referred to as "Invention"), including any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby assign and transfer, and hereby agree to assign and transfer, to Assignee, all right, title and interest in and to the Invention and in and to the Application and all patents which may be granted therefrom, and all related applications (e.g., any and all provisional applications, including but not limited to U.S. Patent Application No. 62/324,828, filed April 19, 2016; and 62/455,481, filed February 06, 2017), divisional applications, reissues, reexaminations, continuation applications, continuation-in-part applications, extensions thereof, design applications, applications in foreign countries, international applications, national phase applications, and the like). I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents, for the Invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also hereby assign and transfer, and hereby agree to assign and transfer to Assignee, all right, title and interest to the Invention, the Application or any related application throughout the world, including all rights of priority resulting from the filing of the Application or any related application, including but not limited to: the right to file applications and obtain patents, utility models, industrial models and designs for the Invention in Assignee's own name throughout the world, the right to claim priority from the Application or any related application when filing applications and obtaining patents, utility models, industrial models and designs for the Invention throughout the world, and all rights to publish cautionary notices reserving ownership of the Invention and all rights to register the Invention in appropriate registries. I further agree to execute any and all powers of

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attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in and to Assignee.

I will communicate to Assignee any facts known to me respecting any improvements to the Invention; and I will sign all lawful papers, execute all rightful assignments, execute all provisional, divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in and to Assignee and to aid Assignee to obtain and enforce proper protection for the Invention in all countries and jurisdictions throughout the world. I irrevocably appoint Analog Devices, Inc. as my attorney-in-fact to execute on my behalf any documents deemed necessary by Analog Devices, Inc. to obtain and enforce proper protection for the Invention in all countries and jurisdictions throughout the world. I agree to testify and cooperate with Assignee in any judicial proceeding, administrative proceeding, post-grant proceeding, or other proceeding concerning the Invention (including litigation with a third party over any patent issued on the Invention), and Assignee agrees to cover my reasonable costs and expenses (if any).

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention:	WEAR-OUT MONITOR DEVICE
Full name of inventor:	Edward John Coyne
Inventor's signature:	<u>Edward Coyne</u>
Date:	<u>26/05/2017</u>
Inventor Home Address:	<u>Caheroy House, Athenry,</u> <u>Co. Galway</u>
Witness's Print Name:	<u>JAN KUBIK</u>
Witness's signature:	<u>[Signature]</u>
Witness Home Address:	<u>36A PINE GROVE</u> <u>RAMEEN, LITERICK</u>

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Title of Invention:

WEAR-OUT MONITOR DEVICE

Full name of inventor:

Alan J. O'Donnell

Inventor's signature:

Alan J. O'Donnell

Date:

11th MAY 2017

Inventor Home Address:

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Witness's signature:

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Witness Home Address:

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Title of Invention:

WEAR-OUT MONITOR DEVICE

Full name of inventor:

Shaun Bradley

Inventor's signature:

Shaun Bradley.

Date:

24-May-2017

Inventor Home Address:

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Witness's Print Name:

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Title of Invention:

WEAR-OUT MONITOR DEVICE

Full name of inventor:

David Aherne

Inventor's signature:

DAVID AHERNE

Date:

18-05-2017

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ASSIGNMENT

Title of Invention:

WEAR-OUT MONITOR DEVICE

Full name of inventor:

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Inventor's signature:

David Boland

Date:

18th MAY 2017

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Witness's Print Name:

SHANE CLIFFORD

Witness's signature:

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ADIRE.163A2 (APD5660-4-US)

ASSIGNMENT

Title of Invention:

WEAR-OUT MONITOR DEVICE

Full name of inventor:

Thomas G. O'Dwyer

Inventor's signature:

Thomas G. O'Dwyer

Date:

May 18th, 2017

Inventor Home Address:

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Title of Invention:

WEAR-OUT MONITOR DEVICE

Full name of inventor:

Colm Patrick Heffernan

Inventor's signature:



Date:

15th May 2017

Inventor Home Address:

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Witness's signature:



Witness Home Address:

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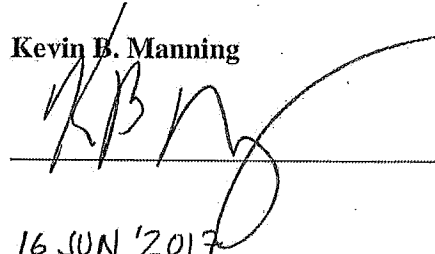
Title of Invention:

WEAR-OUT MONITOR DEVICE

Full name of inventor:

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Inventor's signature:



Date:

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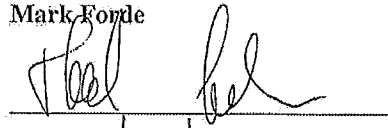
Title of Invention:

WEAR-OUT MONITOR DEVICE

Full name of inventor:

Mark Forde

Inventor's signature:



Date:

5/16/97

Inventor Home Address:

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Witness's Print Name:

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Title of Invention:

WEAR-OUT MONITOR DEVICE

Full name of inventor:

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Date:

05/12/17

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Title of Invention:

WEAR-OUT MONITOR DEVICE

Full name of inventor:

Michael A. Looby

Inventor's signature:

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Date:

17 May 2017

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