PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3831948

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARCO PANNIELLO	04/12/2016
EMANUELE RONCHI	04/12/2016
CARL ROBERT TIPTON	03/17/2016

RECEIVING PARTY DATA

Name:	JOHNSON MATTHEY PUBLIC LIMITED COMPANY	
Street Address:	5TH FLOOR	
Internal Address:	25 FARRINGDON STREET	
City:	LONDON	
State/Country:	UNITED KINGDOM	
Postal Code:	EC4A 4AB	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15022322

CORRESPONDENCE DATA

Fax Number: (703)685-0573

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.

Phone: 7035212297

Email: agoode@young-thompson.com

Correspondent Name: YOUNG & THOMPSON

Address Line 1: 209 MADISON ST., SUITE 500 Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	3205-1135
NAME OF SUBMITTER:	BENOIT CASTEL
SIGNATURE:	/Benoit Castel/
DATE SIGNED:	04/15/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT REEL: 038291 FRAME: 0452

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> PATENT REEL: 038291 FRAME: 0453

ASSIGNMENT AND INVENTOR'S DECLARATION

WHEREAS I/we, the undersigned inventor(s), hereafter also referred to as "assignor(s)", have invented certain new and useful improvements described in the application identified below; and

WHEREAS, <u>JOHNSON MATTHEY PUBLIC LIMITED COMPANY</u>, hereinafter referred to as "assignee(s)", whose address is <u>5th Floor</u>, <u>25 Farringdon Street</u>, <u>London</u>, <u>EC4A 4AB</u>, <u>United Kingdom</u>, is desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Convention of Paris (1883), as amended, of or in any corresponding foreign patent application, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns.

As a below named inventor, I	hereby d	eclare that:
This assignment and declaration is directed to:		The attached application, or
	\boxtimes	United States Application or PCT International Application Number <u>15/022322</u> filed on <u>March 16, 2016</u> (Confirmation No).
The application is entitled: Da	ta Trans	fer Apparatus

The above-identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Given Name(s) Marco	Family Name/Surname(s) PANNIELLO
Inventor's Signature:	Date 12-04-2016
Given Name(s) Emanuele	Family Name/Surname(s) RONCHI
Inventor's Signature:	Date
Given Name(s) Carl Robert	Family Name/Surname(s) TIPTON
Inventor's Signature:	Date
Given Name(s)	Family Name/Surname(s)
Inventor's Signature:	Date

PATENT REEL: 038291 FRAME: 0454

ASSIGNMENT AND INVENTOR'S DECLARATION

WHEREAS I/we, the undersigned inventor(s), hereafter also referred to as "assignor(s)", have invented certain new and useful improvements described in the application identified below; and

WHEREAS, JOHNSON MATTHEY PUBLIC LIMITED COMPANY, hereinafter referred to as "assignee(s)", whose address is 5th Floor, 25 Farringdon Street, London, EC4A 4AB, United Kingdom, is desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Convention of Paris (1883), as amended, of or in any corresponding foreign patent application, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns.

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The application is entitled: Data Transfer Apparatus

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Given Name(s)	Marco	Family Name/Surname(s) PANNIELLO
Inventor's Signature:		Date
Given Name(s)	Emaņuele /	Family Name/Surname(s) RONCHI
Inventor's Signature:	D'E	Date 12 Apr 2016
Given Name(s)	Carl Robert	Family Name/Surname(s) TIPTON
Inventor's Signature:		Date
Given Name(s)		Family Name/Surname(s)
Inventor's Signature:		Date

PATENT REEL: 038291 FRAME: 0455

ASSIGNMENT AND INVENTOR'S DECLARATION

WHEREAS I/we, the undersigned inventor(s), hereafter also referred to as "assignor(s)", have invented certain new and useful improvements described in the application identified below; and

WHEREAS, <u>JOHNSON MATTHEY PUBLIC LIMITED COMPANY</u>, hereinafter referred to as "assignee(s)", whose address is <u>5th Floor</u>, <u>25 Farringdon Street</u>, <u>London</u>, <u>EC4A 4AB</u>, <u>United Kingdom</u>, is desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Convention of Paris (1883), as amended, of or in any corresponding foreign patent application, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns.

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Given Name(s)	Marco	Family Name/Surname(s) PANNIELLO
Inventor's Signature:		Date
Given Name(s)	Emanuele	Family Name/Surname(s) RONCHI
Inventor's Signature:		Date
Given Name(s)	/Qarl Robert /	Family Name/Surname(s) TIPTON
Inventor's Signature:	Jan 19/1	Date 17/3/2016
Given Name(s)	- 18 U	Family Name/Surname(s)
Inventor's		
Signature:		Date

RECORDED: 04/15/2016 REEL: 038291 FRAME: 0456