506412962 12/18/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6459719

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FEDERICA FRANZONI	09/12/2020
NICOLA FRANCESCO MUSCIAGNA	09/12/2020
FABIO NATALI	11/12/2020
ALESSANDRO SASSI	09/12/2020

RECEIVING PARTY DATA

Name:	DANA MOTION SYSTEMS ITALIA S.R.L.
Street Address:	VIA LUCIANO BREVINI 1/A
City:	REGGIO EMILIA
State/Country:	ITALY
Postal Code:	42124

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17127578

CORRESPONDENCE DATA

Fax Number: (971)271-8021

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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Email: finley@mccrus.com

Correspondent Name: MCCOY RUSSELL LLP

Address Line 1: 1410 NW JOHNSON ST. SUITE 201

Address Line 4: PORTLAND, OREGON 97209

ATTORNEY DOCKET NUMBER:	DAN203231US / 81145195
NAME OF SUBMITTER:	DAWSON FINLEY
SIGNATURE:	/Dawson Finley/
DATE SIGNED:	12/18/2020

Total Attachments: 4

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PATENT 506412962 REEL: 054698 FRAME: 0725

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Attorney Docket Number	DAN203231US/81145195

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY, PROVISIONAL OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Title of Invention	HYDRAULIC SYSTEM WITH AN ENERGY RECOVERY CIRCUIT
This declaration is directed	ed to:
	tached application, or I States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and then they become known.)
The above-identified app	plication was made or authorized to be made by me.
I hereby state that I have including the claims.	e reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the ori	iginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part appl	disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for lications, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.
Dana Motion Systems Ita business at Reggio Emilii (Dana Incorporated orgat business at Maumee, Cou or other legal representa discoveries in the above-representatives to make an entities and intergovernm I hereby authorize the AS application to receive December 18, 2020 legal representatives, all in any and all countries, filing date hereof, continuant And I hereby agree for mincluding applications for organizations, and to perf	nent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto alia S.R.L. (organized and existing by virtue of the laws of Italy, and having its principal place of italia, Province of Reggio Emilia, and Region of Emilia-Romagna), a Dana Incorporated subsidiary mized and existing by virtue of the laws of the State of Delaware, having its principal place of anty of Lucas, and State of Ohio), hereinafter referred to as the ASSIGNEE, its successors, assigns atives, the entire right, title and interest, domestic and foreign, in and to the inventions and identified invention including the right of the ASSIGNEE, its successors, assigns or other legal applications and to receive Letters Patent for the inventions and discoveries in any and all countries, nental organizations, in its or their own name or names, or in my name, at its or their election (and SSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the reletters Patent herein: Serial No. $17/127,578$, Filing Date), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other rights of priority, including any provisional applications, in and to the inventions and discoveries entities and intergovernmental organizations including all applications claiming benefit of the unations, continuations-in-part, divisionals, reexaminations and reissue applications. Inyself, my heirs, successors, assigns or other legal representatives to execute any and all papers, or Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives nother legal representatives therefore the rights herein sold, assigned and set over.
And I hereby represent ar	nd warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.	
LEGAL NAME OF INVI	119/1////
Signature:	
	Sheet (PTO/SR/14 or equivalent) including naming the entire inventive entity, must accommon this form
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. on form for each additional inventor.

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continuation-in-part appl	disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for ications, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.	
Dana Motion Systems Ita business at Reggio Emilia (Dana Incorporated orgatousiness at Maumee, Coulor other legal representation discoveries in the above-representatives to make apentities and intergovernm I hereby authorize the AS application to receive December 18, 2020 legal representatives, all in any and all countries, filing date hereof, continuation And I hereby agree for mincluding applications for organizations, and to perfect the suspense of the sus	tent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto dia S.R.L. (organized and existing by virtue of the laws of Italy, and having its principal place of a, Province of Reggio Emilia, and Region of Emilia-Romagna), a Dana Incorporated subsidiary nized and existing by virtue of the laws of the State of Delaware, having its principal place of nty of Lucas, and State of Ohio), hereinafter referred to as the ASSIGNEE, its successors, assigns tives, the entire right, title and interest, domestic and foreign, in and to the inventions and identified invention including the right of the ASSIGNEE, its successors, assigns or other legal applications and to receive Letters Patent for the inventions and discoveries in any and all countries, ental organizations, in its or their own name or names, or in my name, at its or their election (and SSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the Letters Patent herein: Serial No. 17/127,578, Filing Date), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other rights of priority, including any provisional applications, in and to the inventions and discoveries entities and intergovernmental organizations including all applications claiming benefit of the nations, continuations-in-part, divisionals, reexaminations and reissue applications. Assigned and all kinds and in any and all countries, entities and intergovernmental form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives to execute any and all papers, and all countries and intergovernmental form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives to execute any and all papers, and all countries and intergovernmental form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives are thereto the rights herein sold, assigned and set over.	
And I hereby represent ar	nd warrant that I have not granted any rights inconsistent with the rights granted herein.	
	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine nore than five (5) years or both.	
LEGAL NAME OF INV	11M/ 1 2/ 211 211	
Inventor: Nicola Fran	cesco MUSCIAGNA Date: 09/12/2020	
Signature:	<u> </u>	
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.	

DAN203231U8/81145195

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY, PROVISIONAL OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

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Dana Motion Systems Ita business at Reggio Emilia (Dana Incorporated organ business at Maumee, Cou or other legal representadiscoveries in the above-tepresentatives to make apentities and intergovernm I hereby authorize the AS application to receive December 18, 2020 legal representatives, all r in any and all countries, filing date hereof, continually date hereof, continually applications for organizations, and to perfinally deem necessary to so	ent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto lia S.R.L. (organized and existing by virtue of the laws of Italy, and having its principal place of a Province of Reggio Emilia, and Region of Emilia-Romagna), a Dana Incorporated subsidiary dized and existing by virtue of the laws of the State of Delaware, having its principal place of thy of Lucas, and State of Ohio), hereinafter referred to as the ASSIGNEE, its successors, assigns tives, the entire right, title and interest, domestic and foreign, in and to the inventions and dentified invention including the right of the ASSIGNEE, its successors, assigns or other legal eplications and to receive Letters Patent for the inventions and discoveries in any and all countries, ental organizations, in its or their own name or names, or in my name, at its or their election (and SIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the Letters Patent hereis: Serial No. 17/127,578 Filing Date
I hereby acknowledge tha	t any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine
LEGAL NAME OF INVI	ore than five (5) years or both.
Inventor: <u>Pabio NAT</u>	28 5 5 5 1 3
Signature: 4344	
Note: An Application Data	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

Attorney Docket Number

DAN203231US/81145195

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ener de enventeur	HYDRAULIC SYSTEM WITH AN ENERGY RECOVERY CIRCUIT
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United	ached application, or States application or PCT international application number filed on(I hereby authorize the insertion of the application filing date and
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Dana Mution Systems Italian business at Reggio Emilia (Dana Incorporated organ business at Maumee, Country other legal representations to make apentities and intergoverum I hereby authorize the AS application to receive December 18, 2020 legal representatives, all rim any and all countries, filing date hereof, continually applications for organizations, and to perforganizations, and to perform the control of	ent agreement heretofore made or by contractual obligation. I do sell, assign and set over unto lia S.R.L. (organized and existing by virtue of the laws of Italy, and having its principal place of a, Province of Reggio Emilia, and Region of Emilia-Romagna), a Dana Incorporated subsidiary prized and existing by virtue of the laws of the State of Delaware, having its principal place of inty of Lucas, and State of Ohio), hereinafter referred to as the ASSIGNEE, its successors, assigns tives, the entire right, title and interest, domestic and foreign, in and to the inventions and identified invention including the right of the ASSIGNEE, its successors, assigns or other legal optications and to receive Letters Patent for the inventions and discoveries in any and all countries, ental organizations, in its or their own name or names, or in my name, at its or their election (and ISIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the electers. Patent herein: Serial No. 17/127,578
And I benefy represent as	nd warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknowledge the or imprisonment of not m	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine sore than five (5) years or both.
LEGAL NAME OF INV	ENTOR AS
Inventor: Alessandro	SASSI Date: 07/14/440
Signature:	
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form in form for each additional inventor.

PATENT REEL: 054698 FRAME: 0730

RECORDED: 12/18/2020