### PATENT ASSIGNMENT COVER SHEET

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**SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
ANDREA BALDONI	05/20/2021
MATTEO FANTOZZI	05/20/2021
NICOLA VITIELLO	05/20/2021

### **RECEIVING PARTY DATA**

Name:	SCUOLA SUPERIORE DI STUDI UNIVERSITARI E DI PERFEZIONAMENTO SANT'ANNA
Street Address:	PIAZZA MARTIRI DELLA LIBERTA 33
City:	PISA
State/Country:	ITALY
Postal Code:	56127

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17294933

### **CORRESPONDENCE DATA**

Fax Number: (212)661-8002

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: 2126618000 Email: info@Imiplaw.com

**Correspondent Name:** LUCAS & MERCANTI, LLP

Address Line 1: 30 BROAD STREET

Address Line 2: 21ST FLOOR

Address Line 4: NEW YORK, NEW YORK 10004

ATTORNEY DOCKET NUMBER:	1029F-1464
NAME OF SUBMITTER:	MICHAEL N. MERCANTI
SIGNATURE:	/Michael N. Mercanti/
DATE SIGNED:	06/02/2021

### **Total Attachments: 3**

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# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

TITLE OF INVENTION	A PLANAR TORSIONAL SPRING	
As the below named i	nventor, I hereby declare that:	
This declaration is dir	ected to:	
☐The attached applic ☑ United States appl	cation, or ication or PCT international application number 17/294.933 filed on May 1	<u>8, 2021</u> .
The above-identified a	application was made or 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 a	pplication.
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.		
	below-identified Inventor, have invented certain new and useful improvem described in the above-identified patent application(s) and/or patent(s) (herein	
WHEREAS, <u>SCUOLA SUPERIORE DI STUDI UNIVERSITARI E DI PERFEZIONAMENTO SANT'ANNA</u> (hereinafter "Assignee") having place of business at: <u>Piazza Martiri della Liberta 33, 56127 Pisa (IT), Italy</u> , is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States or its territorial possessions and in any and all foreign countries;		
NOW, this indenture witnesseth, that in consideration of the sum of ONE DOLLAR (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration;		
I hereby assign, sell and transfer my above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all reissues and reexaminations thereof, which may be granted or have granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;		
And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;		
And I further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its successors and designees may from time to time require and prepare at its own expense.		
York, 10004, the pow	nereby grants the firm of LUCAS & MERCANTI, LLP, located at 30 Broad er to insert on this assignment any further identification which may be neces of the United States Patent Office for recordation of this document.	
LEGAL NAME OF INVENTOR	Inventor: Andrea BALDONI Signature: Notwer 201001 /	Date: 20/05/2021

LUCAS & MERCANTI, LLP 30 BROAD STREET, 21<sup>ST</sup> FLOOR NEW YORK, NY 10004

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As the below named i	uventor, I hereby declare that:	
This declaration is dir	ected to:	
☐The attached applic	estion, or	
United States appl	ication or PCT international application number $\underline{17/294.933}$ filed on $\underline{ ext{May 18}}$	<u>. 2021</u> .
The above-identified	application was made or 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 a	pplication.
	that any willful false statement made in this declaration is punishable under note than five $(5)$ years, or both.	18 U.S.C. § 1001 by fine or
	e below-identified Inventor, have invented certain new and useful improvem escribed in the above-identified patent application(s) and/or patent(s) (herein	
WHEREAS, SCUOLA SUPERIORE DI STUDI UNIVERSITARI E DI PERFEZIONAMENTO SANT'ANNA  (hereinafter "Assignee") having place of business at: <u>Piazza Martiri della Liberta 33, 56127 Pisa (IT), Italy</u> , is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States or its territorial possessions and in any and all foreign countries:		
NOW, this indenture witnesseth, that in consideration of the sum of ONE DOLLAR (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration;		
I hereby assign, sell and transfer my above identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all reissues and reexaminations thereof, which may be granted or have granted for said Invention, and in and to any and all priority rights. Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;		
And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto:		
And I further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its successors and designees may from time to time require and prepare at its own expense.		
The undersigned hereby grants the firm of LUCAS & MERCANTI, LLP, located at 30 Broad Street, New York, New York, 10004, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.		
LEGAL NAME OF INVENTOR	Inventor: Matteo FANTOZZI Signature: Lautowa Matteo	Date: 20-05-2021

LUCAS & MERCANTI, LLP 30 BROAD STREET, 21<sup>ST</sup> FLOOR NEW YORK, NY 10004

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This declaration is dir	ected to:	
☐The attached applic	eation, or	
United States appl	ication or PCT international application number 17/294.933 filed on May 1	<u>8, 2021</u> .
The above-identified	application was made or 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 a	pplication.
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.		
	e below-identified Inventor, have invented certain new and useful improvem escribed in the above-identified patent application(s) and/or patent(s) (herein	
(hereinafter "Assigned acquiring the entire right	OLA SUPERIORE DI STUDI UNIVERSITARI E DI PERFEZIONAMEN' ") having place of business at: Piazza Martiri della Liberta 33, 56127 Pisa (1) ght, title and interest in and to said invention and in and to any Letters Patent I States or its territorial possessions and in any and all foreign countries;	T), Italy, is desirous of
NOW, this indenture witnesseth, that in consideration of the sum of ONE DOLLAR (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration;		
I hereby assign, sell and transfer my above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all reissues and reexaminations thereof, which may be granted or have granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;		
And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;		
And I further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its successors and designees may from time to time require and prepare at its own expense.		
York, 10004, the pow	nereby grants the firm of LUCAS & MERCANTI, LLP, located at 30 Broad er to insert on this assignment any further identification which may be neces of the United States Patent Office for recordation of this document.	
LEGAL NAME OF INVENTOR	Inventor: Nicola VITIELLO, Signature: Vicola VIVIII	Date: 20/05/2021

LUCAS & MERCANTI, LLP 30 BROAD STREET, 21<sup>ST</sup> FLOOR NEW YORK, NY 10004

RECORDED: 06/02/2021