507649474 12/15/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7696609

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARKUS KÖPFER	05/17/2021

RECEIVING PARTY DATA

Name:	ACTUATOR SOLUTIONS GMBH
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State/Country:	GERMANY
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18010595

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: ELEMENT IP, PLC Address Line 1: 2331 MILL ROAD

Address Line 2: SUITE 610

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	81054282
NAME OF SUBMITTER:	DANIELLE SUMMERS
SIGNATURE:	/Danielle Summers/
DATE SIGNED:	12/15/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT 507649474 REEL: 062103 FRAME: 0026

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below 1. Name of conveying party(ies) Markus KÖPFER	RECORDATION FORM COVER SHEET		
Name of conveying party(ics) Markus KOPFER Additional name(s) of conveying party(ics) statched? Yes □ No ■ 3. Nature of conveyance / execution date(s): Execution Date(s): Street Address: Richard-Stucklen-Strasse 19 Execution Date(s): State: Clay: Gunzenhausen State: County: DE Zip: 91710 County: DE Zip: 91710 County: DE Zip: 91710 Additional name(s) & address(s) statched? Yes □ No ■ This document services as an Oath/Declaration (37 CFR 1.63) B. Patent No.(s): Additional numbers attached? Yes □ No ■ 5. Name and address to whom correspondence concerning document should be mailed: Name: Element IP, PLC Street Address: 2331 Mill Road Suite 610 City: Alexandria State: Virginia Zip: 22314 Phone Number: 703-775-1510 Docket Number: 81054282 E-mail Address: patent@elementiplaw.com 9. Signature: Alekand L. Treanor/ Signature Alekand L. Treanor/ Signature Total number of pages including cover Name			
Markus KÖPFER Name: ACTUATOR SOLUTIONS GMBH Internal Address:			
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Security Agreement		Internal Address:	
Security Agreement	Additional name(s) of conveying party(ies) attached? Yes \(\subseteq \) No		
Assignment			
Security Agreement	Execution Date(s):05/17/2021	Street Address: Richard-Stücklen-Strasse 19	
State: Country: DE	■ Assignment		
Joint Research Agreement Government Interest Assignment Country: DE	☐ Security Agreement ☐ Change of Name	City: Gunzenhausen	
Government Interest Assignment □ Executive Order 9424, Confirmatory Interest □ Other: 4. Application or patent number(s): A. Patent Application No.(s): 18010595 Additional name(s) & address(es) attached? Yes □ No ■ Additional name(s) & address(es) attached? Yes □ No ■ 5. Name and address to whom correspondence concerning document should be mailed: Name: Element IP, PLC Street Address: 2331 Mill Road Suite 610 City: Alexandria State: Virginia Zip: 22314 Phone Number: 703-775-1510 Docket Number: 81054282 E-mail Address: patent@elementiplaw.com 9. Signature: Richard L. Treanor/ Signature: Total number of pages including cover 3 1 1 1 1 1 1 1 1 1		State:	
□ Executive Order 9424, Confirmatory Interest □ Other: 4. Application or patent number(s): A. Patent Application No.(s): 18010595 B. Patent No.(s): Additional numbers attached? Yes □ No ■ Additional numbers attached? Yes □ No ■ 5. Name and address to whom correspondence concerning document should be mailed: Name: Element IP, PLC Street Address: 2331 Mill Road Suite 610 City: Alexandria State: Virginia Zip: 22314 Phone Number: 703-775-1510 Docket Number: 81054282 E-mail Address: patent@elementiplaw.com Proposit Account Number: 603350 Authorized User Name: Additional name(s) & address(s) attached? Yes □ No ■ Additional number of applications and patents involved: 1 Additional number of applications and patents involutional number of applications and patents involutional number of applications and patents involutional number of	· ·	Country: DE Zip: 91710	
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Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450			

PATENT REEL: 062103 FRAME: 0027 DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor (hereinafter designated as the undersigned), I

Markus Kopfer, residing in Germany with a mailing address at In den Bachwiesen 3 73495 Stoedtlen /

Regelsweiler

hereby declare that the Italian application number 102021000010589 filed on April 27, 2021, littled

"SHAPE MEMORY ALLOY ACTUATED FLUIDIC SUBASSEMBLY AND EQUIPMENT

INCORPORATING IT®

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 above-

identified application.

I have reviewed and understand the contents of the above-identified application, including the claims.

In view of my duties, contractual obligations, and their associated good and valuable remuneration the

garaking olimpatan

receipt of which I hereby acknowledge, hereby sell and assign to

Actuator Solutions Gmbh, an entity having its principal place of business in Germany at Richard-

Stücklen-Straße 19, 91710 Gunzenhausen, Germany,

hereinafter referred to as the assignee, its successors, assigns and nominees, my entire right or right

quota, title and interest including all priority rights under U.S. law and/or National or International

conventions and treaties, in and to the "SHAPE MEMORY ALLOY ACTUATED FLUIDIC

SUBASSEMBLY AND EQUIPMENT INCORPORATING IT"

invented by us, as described and/or claimed in the Italian Patent Application 102021000010589, filed on

April 27, 2021, and any corresponding application claiming priority to the aforementioned Italian Patent

Application, including foreign applications (such as U.S. patent applications), PCT applications, national

phase patent applications (such as U.S. national phase patent applications), and in any related patent

applications, filed and/or to be filed not only for, to and in the United States of America, its territories and

possessions, but also for, to an in all other countries, including any and all divisions of Italian Patent

Application 102021000010589, and any and all divisions, reissues, continuations, continuations-in-part

and extensions of any patent application filed and/or to be filed from said Italian Patent Application.

I also authorize and request any officials whose duty it is to issue patents, to issue any patent on said

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PATENT

REEL: 062103 FRAME: 0028

INCORPORATING IT" and/or improvements thereof or resulting therefrom to said assignee or its successors, assigns or nominees, and agree to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part and/or reissue applications, make all rightful oaths and/or declarations and generally do everything possible to aid said assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in the United States of America and in all other countries

Subscribed and executed at	Esuzailaisu	Comman
	City	Country
on 19.5,21		
Date	A Section Assessment	< f
	Inventor Name: Norkals G	the trees.
	Inventor Signature	**************************************
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