505909680 02/11/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5956397

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAOMIN HONG	01/30/2020
LEWIS BINGHAM	01/30/2020

RECEIVING PARTY DATA

Name:	ELMAC TECHNOLOGIES LIMITED
Street Address:	GREENFIELD, HOLYWELL
City:	FLINTSHIRE
State/Country:	GREAT BRITAIN
Postal Code:	CH8 9DP

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16637214

CORRESPONDENCE DATA

Fax Number: (440)808-0657

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: 4408080011

Email: docket@patentandtm.com

Correspondent Name: CURATOLO SIDOTI CO. LPA

Address Line 1: 24500 CENTER RIDGE ROAD, SUITE 280

Address Line 4: CLEVELAND, OHIO 44145

ATTORNEY DOCKET NUMBER:	HGF.P18-051319
NAME OF SUBMITTER:	FLOYD TRILLIS III
SIGNATURE:	/Floyd Trillis III/
DATE SIGNED:	02/11/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT 505909680 REEL: 051780 FRAME: 0808

Attorney Docket No. HGF.P18-051319

COMBINATION DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT	
Title of Invention	VALVE APPARATUS
As the below named inve	ntor, I hereby declare that:
This declaration is directe	ed to: ☐ The above-identified application, or
	☐ United States application, filed onor
	☑ PCT application number PCT/GB2018/051319 , filed on 16 May 2018
The above-identified a	pplication 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 application.
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.	
I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above,	
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including further continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application	
hereby acknowledged, I h	ne Dollar (\$1.00) in hand paid and other good and valuable considerations, the receipt of which is nereby assign and transfer to ELMAC TECHNOLOGIES LIMITED
whose address is <u>Greenfield, Holywell Flintshire CH8 9 DP Great Britain</u> , a <u>British</u> private limited company (hereinafter named "Assignee"), its successors, legal representatives and assigns, the entire right, title and interest in and to said invention for Letters Patent of the United States, filed as said application and to the entire right, title and interest in any and all inventions, whether joint or sole, disclosed in said application for Letters Patent, and in any and all divisional or continuation or renewal applications that may be filed for United States Letters Patent for any and all of said inventions, and in and to any and all patents that may be granted on the foregoing applications and any reissue or extension thereof.	
I hereby authorize and	request the Commissioner of Patents to issue any and all of said Letters Patent to said Assignee.
to execute any and all to necessary oaths, supple application for the reissue	I, I hereby agree upon the request of said Assignee, its successors, legal representatives or assigns, United States divisional, continuation and renewal applications for said invention, and any amental oaths or declarations or supplemental declarations or affidavits relating thereto, and any error or extension of any United States Letters Patent that may be granted upon said application that said legal representatives or assigns may deem necessary or expedient.
For the said consideration, I further agree upon the request of said Assignee, its successors, legal representatives or assigns, in the event of said application or any division thereof, or Letters Patent issued thereon or any reissue or application for the reissue thereof, becoming involved in interference, to cooperate to the best of my ability with said Assignee, its successors, legal representatives or assigns in the matters of preparing and executing the Preliminary Statement and giving and producing evidence in support thereof, I hereby agree to perform upon such request, any and all affirmative acts necessary to obtain said Letters Patent and vest all rights therein hereby conveyed in said Assignee, its successors, legal representatives or assigns as fully and entirely as the same would have been held and enjoyed if this assignment and sale had not been made.	
consideration, any and all	, my heirs, legal representatives, administrators, and assign properly to execute without further lapplications, petitions, oaths, assignments or other papers and instruments which may be necessary orce and effect the sale, assignment and transfer hereby made, or intended or agreed to be made.
And for said considerations, I hereby assign to said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in said invention or improvement for any and all foreign countries and agree upon the request of said Assignee, its successors, legal representatives or assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee, its successors, legal representatives or assigns.	
LEGAL NAME OF INVENTOR	
Inventor: Daomin HON	Date: 30 January 2020
Signature: Dasmin	How
	sheet (PTO\AiA/14 or equivalent), including naming the entire inventive entity, must accompany if PTO/SB/AiA01 form for each additional inventor.

PATENT REEL: 051780 FRAME: 0809

Attorney Docket No. HGF.P18-051319

COMBINATION DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT	
Title of Invention	VALVE APPARATUS
	Intor, I hereby declare that: ad to: ☐ The above-identified application, or ☐ United States application, filed onor ☐ PCT application number PCT/GB2018/051319, filed on0
	pplication 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 application. 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.	
I hereby state that I ha amended by any amendn	ave reviewed and understand the contents of the above-identified application, including the claims, as nent specifically referred to above,
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including further continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application	
In consideration of Or hereby acknowledged, I h	ne Dollar (\$1.00) in hand paid and other good and valuable considerations, the receipt of which is nereby assign and transfer to ELMAC TECHNOLOGIES LIMITED
whose address is <u>Greenfield, Holywell Flintshire CH8 9 DP Great Britain</u> , a <u>British</u> private limited company (hereinafter named "Assignee"), its successors, legal representatives and assigns, the entire right, title and interest in and to said invention for Letters Patent of the United States, filed as said application and to the entire right, title and interest in any and all inventions, whether joint or sole, disclosed in said application for Letters Patent, and in any and all divisional or continuation or renewal applications that may be filed for United States Letters Patent for any and all of said inventions, and in and to any and all patents that may be granted on the foregoing applications and any reissue or extension thereof.	
	request the Commissioner of Patents to issue any and all of said Letters Patent to said Assignee.
to execute any and all to necessary oaths, supple application for the reissue	, I hereby agree upon the request of said Assignee, its successors, legal representatives or assigns, United States divisional, continuation and renewal applications for said invention, and any and all mental oaths or declarations or supplemental declarations or affidavits relating thereto, and any or extension of any United States Letters Patent that may be granted upon said application that said legal representatives or assigns may deem necessary or expedient.
For the said consideration, I further agree upon the request of said Assignee, its successors, legal representatives or assigns, in the event of said application or any division thereof, or Letters Patent issued thereon or any reissue or application for the reissue thereof, becoming involved in interference, to cooperate to the best of my ability with said Assignee, its successors, legal representatives or assigns in the matters of preparing and executing the Preliminary Statement and giving and producing evidence in support thereof, I hereby agree to perform upon such request, any and all affirmative acts necessary to obtain said Letters Patent and vest all rights therein hereby conveyed in said Assignee, its successors, legal representatives or assigns as fully and entirely as the same would have been held and enjoyed if this assignment and sale had not been made.	
consideration, any and all in order to carry into full fo	my heirs, legal representatives, administrators, and assign properly to execute without further applications, petitions, oaths, assignments or other papers and instruments which may be necessary proce and effect the sale, assignment and transfer hereby made, or intended or agreed to be made.
And for said considerations, I hereby assign to said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in said invention or improvement for any and all foreign countries and agree upon the request of said Assignee, its successors, legal representatives or assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee, its successors, legal representatives or assigns.	
LEGAL NAME OF INVEN	
Inventor: Lewis BINGH Signature:	Date: 30.01.2020
Note: An application data s this form. Use an additional	heet (PTO/AIA/14 or equivalent), including naming the entire inventive entity, must accompany IPTO/SB/AIA01 form for each additional inventor.

PATENT REEL: 051780 FRAME: 0810

RECORDED: 02/11/2020