# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7344483

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
EGOR VLADIMIROVICH KUZIN	04/27/2020
EGOR ALEKSANDROVICH TYUKAVKIN	04/27/2020
DMITRIJ ALEKSEEVICH BUBLIK	04/28/2020

## **RECEIVING PARTY DATA**

Name:	OBSHCHESTVO S OGRANICHENNOJ OTVETSTVENNOST'YU "TOREG"
Street Address:	NOBEL ST., 7, ROOM 5
Internal Address:	TERRITORY OF THE INNOVATION CENTER SKOLKOVO
City:	MOSCOW
State/Country:	RUSSIAN FEDERATION
Postal Code:	121205

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

Property Type	Number
Application Number:	16760453

## **CORRESPONDENCE DATA**

Fax Number:

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:** 7038164000

**Email:** jnm@nixonvan.com, ptomail@nixonvan.com

Correspondent Name: NIXON & VANDERHYE PC
Address Line 1: 901 NORTH GLEBE ROAD

Address Line 2: 11TH FLOOR

Address Line 4: ARLINGTON, VIRGINIA 22203

ATTORNEY DOCKET NUMBER:	JR-6246-155
NAME OF SUBMITTER:	JONATHAN A. ROBERTS
SIGNATURE:	/Jonathan A. Roberts/
DATE SIGNED:	05/23/2022

**Total Attachments: 3** 

source=6246-155\_Assignment#page1.tif source=6246-155\_Assignment#page2.tif

PATENT 507297558 REEL: 059984 FRAME: 0138

source=6246-155\_Assignment#page3.tif

PATENT REEL: 059984 FRAME: 0139

	Attorney Docket Number	422069
	First Named Inventor	
INVENTOR'S DECLARATION AND ASSIGNMENT FOR USING AN APPLICATION		Egor Viadimirevich KUZIN APPLICATION (37 CFR 1.6
☑ Declaration Submitted With Initial Filing	(3)	•
Declaration Submitted After Initial Filing (surcharge (37)	2.F.R. § 1.16(f)) required)	
PUMP A	SSEMBLY	
(Title of the	ne Invention)	
s a below named inventor, I hereby declare that		
This declaration is directed to.  ☑ the aftached application, or ☑ United States Application Number To Be Assigned filed ☑ PCT International application number PCT/RU2019/000		
he above-identified application was made or authorized to be ma-	de by me	
believe I am the original inventor or an original joint inventor of a	tara a sa	ý.
hereby acknowledge that any willful false statement made in this by fine or imprisonment of not more than five (5) years, or both.	declaration is punishable under 18	U.S.C. 1001
VHEREAS, the undersigned (hereinafter ASSIGNOR), has made	an invention in the Application ider	itified above.
NHEREAS, OBSHCHESTVO S OGRANICHENNOJ OTVETSTVE laving an office and place of business at Nobel st., 7, room 5, Ten desirous of acquiring an interest therein:	NNOST'YU "TOREG" [RU/RU] (he itory of the Innovation Center Skol	ereinafter ASSIGNEE) an entity kovo, Moseow, 121205, Russia
aving an office and place of business at Nobel st., 7, room 5, Ten estrous of acquiring an interest therein;  IOW, THEREFORE, by operation of previous employment contratale, assignment and transfer unto the said ASSIGNEE, its successful and interest in the United States of America and all foreign coupplication, and to the said application and to all subsequent application, and substitutes of said application, and all resulting pater convention for the Protection of Industrial Property, Inter-American into other international agreements to which the United States of Ana. Commissioner of Patents and Trademarks to issue said Letter assigns, and legal representatives. It is understood and agreed the	ofter the Innovation Center Skoletics), the said ASSIGNOR by these sors, assigns, and legal represent untries, in and to the invention as a cations based thereon including an its, together with the right of priorit of Convention Relating to Patents, I menca adheres, and the ASSIGNE Patent to ASSIGNEE, for its interest ASSIGNEE'S attorney Dmitry S.	keve. Moseow, 121205, Russia presents hereby confirms the patives, ASSIGNOR'S entire right escribed in the aforesaid y and all commutations, divisions y under the immational besigns and industrial Models, a DR hereby authorizes and requal est as ASSIGNES, its successo
aving an office and place of business at Nobel st., 7, room 5, Ten	ofticity of the Innovation Center Skolletts), the said ASSIGNOR by these sors, assigns, and legal represent intries, in and to the invention as disations based thereon including an its, together with the right of priority of Convention Relating to Patents. I merica adheres, and the ASSIGNE athority of the ASSIGNE attorney Dmitry 8, spect to this invention; lits successors, assigns, and legal	keve, Moseow, 121205, Russia presents hereby confirms the patives, ASSIGNOR'S entire right escribed in the aforesaid y and all continuations, divisionly under the international besigns and industrial Models, a DR hereby authorizes and requirest as ASSIGNES, its successor kryndushkin represents only
raving an office and place of business at Nobel st., 7, room 5, Ten lesirous of acquiring an interest therein; 40W, THEREFORE, by operation of previous amployment contra- ale, assignment and transfer unto the said ASSIGNEE, its success- tile and interest in the United States of America and all foreign cou- topplication, and to the said application and to all subsequent applica- eissues, and substitutes of said application, and all resulting pater convention for the Protection of Industrial Property, Inter-American transfer international agreements to which the United States of A he Commissioner of Patents and Trademarks to issue said Letter issigns, and legal representatives. It is understood and agreed the ISSIGNEE and will continue to represent only ASSIGNEE with re-	ofticity of the Innovation Center Skoll oftics), the said ASSIGNOR by these sors, assigns, and legal represent intries, in and to the invention as disations based thereon including an its, together with the right of priority of Convention Relating to Patents. If mence adheres, and the ASSIGNE patent to ASSIGNEE, for its interest ASSIGNEE'S attorney Dmitry 8, spect to this invention; lits successors, assigns, and legal pay transferred; and	keve, Moseow, 121205, Russia presents hereby confirms the patives, ASSIGNOR'S entire right escribed in the aforesaid y and all confinuations, divisionly under the international lesigns and industrial Models, a DR hereby authorizes and requirest as ASSIGNES, its successor Kryndushkin represents only representatives, deemed essents any and all papers desired by
laving an office and place of business at Nobel st., 7, room 5, Ten  lestrous of acquiring an interest therein;  10W, THEREFORE, by operation of previous employment contra- ale, assignment and transfer unto the said ASSIGNEE, its succes- tile and interest in the United States of America and all foreign co- ipplication, and to the said application and to all subsequent appli- eissues, and substitutes of said application, and all resulting pater- convention for the Protection of Industrial Property, inter-Americar my other international agreements to which the United States of A- ne Commissioner of Patents and Trademarks to issue said Letter resigns, and legal representatives. It is understood and agreed th SSIGNEE and will continue to represent only ASSIGNEE with re- CASSIGNEE'S full protection and title in and to the invention here ASSIGNEE'S full protection and title in and to the invention here ASSIGNEE, for the filing and granting of foreign applications and t AGREED and executed as noted below:	ofticity of the Innovation Center Skoll oftics), the said ASSIGNOR by these sors, assigns, and legal represent intries, in and to the invention as disations based thereon including an its, together with the right of priority of Convention Relating to Patents. If mence adheres, and the ASSIGNE patent to ASSIGNEE, for its interest ASSIGNEE'S attorney Dmitry 8, spect to this invention; lits successors, assigns, and legal pay transferred; and	keve, Moseow, 121205, Russia presents hereby confirms the patives, ASSIGNOR'S entire right escribed in the aforesaid y and all confinuations, divisionly under the international lesigns and industrial Models, a DR hereby authorizes and requirest as ASSIGNES, its successor Kryndushkin represents only representatives, deemed essents any and all papers desired by
aving an office and place of business at Nobel st., 7, room 5, Ten estrous of acquiring an interest therein; IOW, THEREFORE, by operation of previous employment contravate, assignment and transfer unto the said ASSIGNEE, its succestie and interest in the United States of America and all foreign coupplication, and to the said application and to all subsequent application, and all resulting pater convention for the Protection of Industrial Property, Inter-American by other international agreements to which the United States of American and legal representatives. It is understood and agreed the ASSIGNEE and will continue to represent only ASSIGNEE with resussigneers full protection and title in and to the invention here ASSIGNEE for the filing and granting of foreign applications and to	itory of the Innovation Čenter Školict(s), the said ASSIGNOR by these sors, assigns, and legal represent intries, in and to the invention as disations based thereon including at this, together with the right of priority to Convention Relating to Patents. I merica adheres, and the ASSIGNEs Patent to ASSIGNEE, for its interst ASSIGNEE's attorney Dmitry 8, spect to this invention; its successors, assigns, and legal by transferred; and purify further remuneration, to execut the perfecting of title thereto in ASSIGNES.	keve, Moseow, 121205, Russia presents hereby confirms the patives, ASSIGNOR'S entire right escribed in the aforesaid y and all confinuations, divisionly under the international lesigns and industrial Models, a DR hereby authorizes and requirest as ASSIGNES, its successor Kryndushkin represents only representatives, deemed essents any and all papers desired by

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

Signature of witness:

PATENT REEL: 059984 FRAME: 0140

Date: 04.54.595 &

Occ code: Oath		
Document Description: Oath or declaration filed	Attorney Docket Number	422089
	First Named Inventor	Egor Vladimirovich KUZIN
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILIT USING AN APPLICATION DATA  Declaration Submitted With Initial Filing  OR  Declaration Submitted After Initial Filing (surcharge (37 C.F.R.	A SHEET (37 CFR 1.76)	
PUMP ASSEM	BLY	
(Title of the Inven	tion)	
As a below named inventor, I hereby declare that:		
This declaration is directed to:  the attached application, or  United States Application Number To Be Assigned filed, or  PCT International application number PCT/RU2019/000700 file	ed on October 02, 2019.	
The above-identified application was made or authorized to be made by n	ne.	
I believe I am the original inventor or an original joint inventor of a claimed		
I hereby acknowledge that any willful false statement made in this declara by fine or imprisonment of not more than five (5) years, or both.	tion is punishable under 18 t	J.S.C. 1001
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an inve	T'YU "TOREG" [RU/RU] (her	einafter ASSIGNEE), an entity,
having an office and place of business at Nobel st., 7, room 5, Territory of desirous of acquiring an interest therein;		
NOW, THEREFORE, by operation of previous employment contract(s), the sale, assignment and transfer unto the said ASSIGNEE, its successors, at title and interest in the United States of America and all foreign countries, application, and to the said application and to all subsequent applications reissues, and substitutes of said application, and all resulting patents, togor Convention for the Protection of Industrial Property, Inter-American Conversary other international agreements to which the United States of America the Commissioner of Patents and Trademarks to issue said Letters Patent assigns, and legal representatives. It is understood and agreed that ASSI ASSIGNEE and will continue to represent only ASSIGNEE with respect to	ssigns, and legal represental in and to the invention as de based thereon including any ether with the right of priority ention Relating to Patents, De adheres, and the ASSIGNO to ASSIGNEE, for its intere GNEE'S attorney Dmitry S. In this invention;	ives, ASSIGNOR'S entire fight, scribed in the aforesaid and all continuations, divisions, under the International esigns and industrial Models, and R hereby authorizes and requests as ASSIGNEE, its successors, Kryndushkin represents only
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its succe to ASSIGNEE'S full protection and title in and to the invention hereby trans	essors, assigns, and legal re sferred; and	epresentatives, deemed essential
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without furth ASSIGNEE, for the filling and granting of foreign applications and the perfe	ner remuneration, to execute ecting of title thereto in ASSI	any and all papers desired by GNEE.
AGREED and executed as noted below:		
LEGAL NAME OF INVENTOR/JOINT INVENTOR:	-1	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname Egor Aleksandrovich	TYUKAVKIN	
Inventor's Signature:	Date: 270	4.2020
Witnessed by: Name: Elena Orlova		

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

Signature of witness:

Date: 27.04.2020

Hor code: Oath

Document Description: Oath or declaration filed

	Attorney Docket Number 2020sq
	Constitution of the consti
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILIT  USING AN APPLICATION DATA	Y OR DESIGN PATENT APPLICATION (37 CFR 1.63)
② Declaration Submitted With Initial Filing OR	
Declaration Submitted After Initial Filing (surcharge (37 C.F.R.	\$ 1.19(f)) required)
	\$ (12 x/3/3 x x x x x x x x x x x x x x x x x
PUMP ASSEM	BLY
(Title of the inver	tion)
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
If the attached application, or	
United States Application Number To Be Assigned filed , or PCT International application number PCT/RU2019/000700 file	ari na Ortobar 60, 2010
THE A SECTION CONTRACTOR MEDICAL CONTRACTOR	was considered and applies
The above-identified application was made or authorized to be made by n	¥9.
I believe I am the original inventor or an original joint inventor of a claimed	invention in the application
hereby acknowledge that any willful false statement made in this declara-	tion is punishable under 18 U.S.C. 1001
by fine or imprisonment of not more than five (5) years, or both.	
WHEREAS, the undersigned (hereinafier ASSIGNOR), has made an inve	ntion in the Application identified above.
WHEREAS, OBSHCHESTVOIS OGRANICHENNOU OTVETSTVENNOS having an office and place of business at Nobel et., 7, room 5, Territory of desirous of acquiring an interest therein;	LYU "TOREG" [RU/RU] (hereinafter ASSIGNEE), an entity, the Innovation Center Skolkovo, Moscow, 121205, Russia is
NOW, THEREFORE, by operation of previous employment contract(s), the sale, assignment and transfer unto the said ASSIGNEE, its successors, a title and interest in the United States of America and all foreign countries, application, and to the said application and to all subsequent applications reissues, and substitutes of said application, and all resulting patents, logic Convention for the Protection of Industrial Property, Inter-American Conversity of the Commissioner of Patents and Trademarks to issue said Letters Patent assigns, and legal representatives. It is understood and agreed that ASSIGNEE and will continue to represent only ASSIGNEE with respect to	ssigns, and legal representatives, ASSIGNOR'S entire right, in and to the invention as described in the aloresaid based thereon including any and all continuations, divisions, bither with the right of priority under the International models, and infinity the right of Patents, Designs and Industrial Models, and adheres, and the ASSIGNOR hereby authorizes and requests to ASSIGNEE, for its interest as ASSIGNEE, its successors, GNEE/S aftorney Omitry S. Kryndushkin represents only
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its success ASSIGNEE's full protection and title in and to the invention hereby fram	essors, assigns, and legal representatives, deemed essential sferred; and
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without furth ASSIGNEE, for the filling and granting of foreign applications and the perfe	er remuneration, to execute any and all papers desired by soling of little therein in ASSIGNEE.
AGREED and executed as noted below:	
LEGAL NAME OF INVENTOR/JOINT INVENTOR:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname Egor - Viadimirovigh	4). KUZIN
Invertor's Signature:	Date:
	04 × 7 - × 0 × 0
Witnessed by: Viadmirovich	Artemov
Signature of witness:	Cate April, 27th, 2020

I/We apknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.68.

PATENT REEL: 059984 FRAME: 0142