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APPLICATION #
18/212,131

RECEIPT DATE / TIME
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ATTORNEY DOCKET #
034392-0576394

Title of Invention

REMOTE CONTROL OF FLUID-HANDLING DEVICES

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 5690

FILED BY Nicole Banks

PATENT CENTER # 62986291

FILING DATE 06/20/2023

CUSTOMER # 909

FIRST NAMED
INVENTOR Aaron Phillips

CORRESPONDENCE
ADDRESS -

AUTHORIZED BY Joshua Tucker

Documents

TOTAL DOCUMENTS: 17

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
034392-0576394 Information Disclosure Statement filed 12OCT2023.pdf	12	Information Disclosure Statement (IDS) Form (SB08)	601 KB
034392 FR1 - WO2009098074A2.pdf	33	Foreign Reference	1209 KB
034392 NPL1 - Beginning Linux Programming, 4th Edition - Part 1.pdf	409	Non Patent Literature	23371 KB
034392 NPL1 - Beginning Linux Programming, 4th Edition - Part 2.pdf	410	Non Patent Literature	24028 KB

034392 NPL2 - Configuring and Managing Remote Access for Industrial Control Systems.pdf	66	Non Patent Literature	5369 KB
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034392 NPL6 - Urdaneta, Guido_A reference software architecture for the development of industrial automation high-level applications in the petroleum industry.pdf	11	Non Patent Literature	302 KB
034392 NPL7 - Ignition User Manual build 7.3.0 by Inductive Automation.pdf	27	Non Patent Literature	163 KB
034392 NPL8 - Ignition User Manual build 7.4.0 by Inductive Automation.pdf	28	Non Patent Literature	163 KB
034392 NPL9 - Ignition User Manual build 7.5.0 by Inductive Automation.pdf	31	Non Patent Literature	170 KB
034392 NPL10 - Modicon Modbus Protocol Reference Guide.pdf	121	Non Patent Literature	4413 KB

034392 NPL11 - MQTT Version 3.1 Protocol Specification.pdf	41	Non Patent Literature	1907 KB
034392 NPL12 - Inductive Automation - Ignition Overview.pdf	5	Non Patent Literature	526 KB
034392 NPL13 - Inductive Automation - HMI_SCADA Software.pdf	2	Non Patent Literature	59 KB
034392 NPL14 - Inductive Automation - HMI_SCADA Software.pdf	2	Non Patent Literature	101 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
034392-0576394 Information Disclosure Statement filed 12OCT2023.pdf	9A456D223D20C3F1A428B08ADEF76455742212CE4CC375224 FA183C8BC9760FEEBA66752BE6F3FC6281DF75D6CD85ECCA 1C16FCEAF577B002AF48324DF83A5E9
034392 FR1 - WO2009098074A2.pdf	ED6BE394CD6EBA7BF5F1A89D8031D90A3105E8A5604DB4C2 9DB88102B2259DD4B0D63995F63502F58755F2910E99F73D0A D638DD9FA9880CF579B997A5746FB0
034392 NPL1 - Beginning Linux Programming, 4th Edition - Part 1.pdf	D489072786802024C8CBEA18E09B62D42F69B49562700AA7C3 A2E921C2DFC3919767A98BC29AFE2F61E882FD84F6F5255D3 4B1D9A9D937F82D7249DF8BABB9AB
034392 NPL1 - Beginning Linux Programming, 4th Edition - Part 2.pdf	2D3B7664B7C4C80DBE87EA5474126C10D108F0AFCA3D3C60 41C1C681C66A2D33D4E8A4B513189B0BD7733AB02F07CD393 9E5F926D9BA75C8B88F071E1D94F568
034392 NPL2 - Configuring and Managing Remote Access for	ADA53F4152E7B411C48922714AE1DFDFDEF7C24A01754EF46 230AB4D22984F559605933831E96E6D989CFA504B51EA54B29

Industrial Control Systems.pdf	0B2FBFE67D17B7805CD47D6797E00
034392 NPL3 - Implementing TCP-IP in SCADA Systems.pdf	A956DBC880B8DAF46A4ED701F49F477FE4200E459A5A5F586FFBFBBD8968F0EC9171CA948A64D576D4130D9B2A60D8FD610CDF1919500472347E3A12299BFDA15
034392 NPL4 - SCADA, Supervisory Control and Data Acquisition 4th Edition.pdf	E20F61AFFD92FFDCBE692C059638182A73350E9ABAEDAA131B7765C72C28BB118F60D2329B8D70CA2EA26FF5D074AC141653966859080466ED0DF16877E7E967
034392 NPL5 - Genge, Bela_A cyber-physical experimentation environment.pdf	AB99B34465826CECA2A7144A282C9E1D391DEEFF6F3D265B8D8644EFEC70B4B7D6EC78DEDF7A7B941E5A2004551EB1CCEA0F5D3571AA8D8B058B051441FE39938
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034392 NPL7 - Ignition User Manual build 7.3.0 by Inductive Automation.pdf	6812042D2EC0359A12C366BF24AE7793BDAB9D3FCD14732C0F5F3882D07E8DF3B7FAF0927CA9F19164888EC3FB7B1C4AAE672BB1707EABB5D13620C44C78C624
034392 NPL8 - Ignition User Manual build 7.4.0 by Inductive Automation.pdf	5F8E6CED739DBB2D1E049E2B58994C7FCB3260862DA6806CDC8053A31AF31A1642EC57D2EF94E6170D17D190E48FD52FBF213587D4A859332B8A5EC6178DD9C2
034392 NPL9 - Ignition User Manual build 7.5.0 by Inductive Automation.pdf	CCE67A680001ADFB5C38A9FA58E491A02F195118838BAA7F2D1551BD8AF7BA4F730D1901FAB41544320AAED67590E88CDC46B6B8608D7AED0007707C63701298
034392 NPL10 - Modicon Modbus Protocol Reference Guide.pdf	65855A70CFF1786CC07CF97F7299CB23398F6F6261D6417CD6D83BB9CDB161D750FD63AAA5CFD42D3AD1DB358E6B223A07473C6CC18A7826E0E7B5D621D2F135
034392 NPL11 - MQTT Version 3.1 Protocol Specification.pdf	D59D1584B72E0F3A52D6FEBE3EA51622554C892AF85F591AFF5788BFA2C427F3116D18C248DE59B499298016A2D96B43C73C92A052F12E170B217B39BA0484BA

034392 NPL12 - Inductive Automation - Ignition Overview.pdf	600B63365DA7F9C5DD7CF20A02E5C0C1F7C6CCA0C07A21C3 58EF3D29886AA49813A571D3EF6B8743B86732A27FE6465FD8 E5E1BCAD228CB341E04DCCDE6991CE
034392 NPL13 - Inductive Automation - HMI_SCADA Software.pdf	1F9E32BC02E465FEE7132DBC B50E3FD130D5370C1D2CB4B0 2859260F325F504D9E60AC110ABD54EC6CCE0925EDF43F8E0 4CD4277E17BBC880E2F00B5FC7A0B94
034392 NPL14 - Inductive Automation - HMI_SCADA Software.pdf	39D0593665D908656699DDE9C9E96E4E501B929A77B1CE8FF DE844B9EE6F55615C52A4122CC6626FF90082C27C7ECE43AD 665BE7388AC57985C7CD3FFC5456E1

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		18212131	
	Filing Date		2023-06-20	
	First Named Inventor	Aaron Phillips		
	Art Unit	TBA		
	Examiner Name	Not yet assigned		
	Attorney Docket Number	034392-0576394		

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
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	1	Matthew, N., et al., Beginning Linux Programming, 4th Edition, 2008, 819 pages.	☐
	2	Configuring and Managing Remote Access for Industrial Control Systems, CPNI: Center for the Protection of National Infrastructure, November 2010, 66 pages.	☐
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☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

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☒ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☐ A certification statement is not submitted herewith.

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Signature	/Joshua Tucker/	Date (YYYY-MM-DD)	2023-10-12
Name/Print	Joshua Tucker	Registration Number	63809

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3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
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7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

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	Filing Date		2023-06-20
	First Named Inventor	Aaron Phillips	
	Art Unit	TBA	
	Examiner Name	Not yet assigned	
	Attorney Docket Number	034392-0576394	

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
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	2	5132904	A	1992-07-21	Lawrence R. Lamp		
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27	20100295673	A1	2010-11-25	Tahir Ahmad
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	1	2009098074	WO	A2	2009-08-13	Acque Ingegneria S.R.L.		☐

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	1	Matthew, N., et al., Beginning Linux Programming, 4th Edition, 2008, 819 pages.	☐
	2	Configuring and Managing Remote Access for Industrial Control Systems, CPNI: Center for the Protection of National Infrastructure, November 2010, 66 pages.	☐
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Examiner Signature	/Christopher E. Everett/ {01/31/2024}	Date Considered	01/31/2024
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Examiner Name	Not yet assigned
Attorney Docket Number	034392-0576394

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☒ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☐ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Joshua Tucker/	Date (YYYY-MM-DD)	2023-10-12
Name/Print	Joshua Tucker	Registration Number	63809

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

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2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/212,131	06/20/2023	Aaron Phillips	034392-0576394	5690
909	7590	02/06/2024	EXAMINER	
Pillsbury Winthrop Shaw Pittman, LLP			EVERETT, CHRISTOPHER E	
PO Box 10500			ART UNIT	PAPER NUMBER
McLean, VA 22102			2116	
			NOTIFICATION DATE	DELIVERY MODE
			02/06/2024	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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DETAILED ACTION

Notice of Pre-AIA or AIA Status

The present application is being examined under the pre-AIA first to invent provisions.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the “right to exclude” granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on nonstatutory double patenting provided the reference application or patent either is shown to be commonly owned with the examined application, or claims an invention made as a result of activities undertaken within the

scope of a joint research agreement. See MPEP § 717.02 for applications subject to examination under the first inventor to file provisions of the AIA as explained in MPEP § 2159. See MPEP § 2146 *et seq.* for applications not subject to examination under the first inventor to file provisions of the AIA. A terminal disclaimer must be signed in compliance with 37 CFR 1.321(b).

The filing of a terminal disclaimer by itself is not a complete reply to a nonstatutory double patenting (NSDP) rejection. A complete reply requires that the terminal disclaimer be accompanied by a reply requesting reconsideration of the prior Office action. Even where the NSDP rejection is provisional the reply must be complete. See MPEP § 804, subsection I.B.1. For a reply to a non-final Office action, see 37 CFR 1.111(a). For a reply to final Office action, see 37 CFR 1.113(c). A request for reconsideration while not provided for in 37 CFR 1.113(c) may be filed after final for consideration. See MPEP §§ 706.07(e) and 714.13.

The USPTO Internet website contains terminal disclaimer forms which may be used. Please visit www.uspto.gov/patent/patents-forms. The actual filing date of the application in which the form is filed determines what form (e.g., PTO/SB/25, PTO/SB/26, PTO/AIA/25, or PTO/AIA/26) should be used. A web-based eTerminal Disclaimer may be filled out completely online using web-screens. An eTerminal Disclaimer that meets all requirements is auto-processed and approved immediately upon submission. For more information about eTerminal Disclaimers, refer to www.uspto.gov/patents/apply/applying-online/eterminal-disclaimer.

Claims 1-20 are rejected on the ground of nonstatutory double patenting as being unpatentable over claims 1-15 and 17 of U.S. Patent No. 11,726,504 and claims 1-20 of U.S. Patent No. 11,294,403. Although the claims at issue are not identical, they are not patentably distinct from each other as outlined below.

App. No. 18/212131	U.S. Patent No. 11,726,504	U.S. Patent No. 11,294,403
1. A system, comprising: a first computer system disposed at a first fluid handling site, the first fluid handling site comprising a first pump, a first valve, and a first tank that handle a first fluid, the first tank having a first fluid-level sensor with which the first computer system is configured to communicate to obtain a level of the first fluid in the first tank, and the first computer system being configured to provide remote control of the first pump or the first valve; and a server system remote from the fluid handling site, wherein the server system has memory storing instructions that, when executed, effectuate operations comprising: receiving, with the server system,	1. A fluid processing system, comprising: a first computer system disposed at a first fluid handling site, wherein the first computer system is configured to: receive information comprising one or more properties of a first fluid from one or more sensors disposed at a first fluid tank itself disposed at the first fluid-handling site, the fluid-handling site comprising one or more fluid-handling devices, the one or more fluid-handling devices comprising one or more	1. A system, comprising: a first computer system disposed at a first fluid handling site, the first fluid handling site comprising a first pump, a first valve, and a first tank that handle a first fluid, the first tank having a first fluid-level sensor with which the first computer system is configured to communicate to obtain a level of the first fluid in the first tank, and the first computer system being configured to provide remote control of the first pump or the first valve; and

from the first computer, via a network, a first fluid level sensed by the fluid-level sensor; obtaining, with the server system, credentials from a first client computing device; determining, with the server system, based on the credentials, that a user of the first client computing device is authorized to interact with the first fluid handling site, wherein the server system hosts data about other fluid handling sites the user is not authorized to interact; after the determination, providing, with the server system, via the network, information by which a first client computing device presents a user interface indicating the first fluid level, the first client computing device being remote from the server system and the first computer system;	of a first pump, a first filter, and a first valve; and provide remote control of a first fluid-handling device of the one or more fluid-handling devices; and a server system wherein the server system has memory storing instructions that, when executed, effectuate operations comprising: receiving, with the server system, from the first computer system, via a network, a first fluid property of the one or more properties associated with the first fluid sensed by a first	a server system remote from the fluid handling site, wherein the server system has memory storing instructions that, when executed, effectuate operations comprising: receiving, with the server system, from the first computer, via a network, a first fluid level sensed by the fluid-level sensor; obtaining, with the server system, credentials from a first client computing device; determining, with the server system, based on the credentials, that a user of the first client computing device is authorized to interact with the first fluid handling site, wherein the
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receiving, with the server system, from the first client computing device, a first command to change a state of the first pump; and causing, with the server system, the first computer system disposed at the first fluid handling site to effectuate the command by changing the state of the first pump to a sequence of different target states that change over time.	sensor of the one or more sensors; obtaining, with the server system, credentials from a first client computing device; determining, with the server system, based on the credentials, that a user of the first client computing device is authorized to interact with the first fluid handling site, wherein the server system hosts data about other fluid handling sites the user is not authorized to interact; after the determination, providing, with the server system, via the network, information by which a first client computing	server system hosts data about other fluid handling sites the user is not authorized to interact; after the determination, providing, with the server system, via the network, information by which a first client computing device presents a user interface indicating the first fluid level, the first client computing device being remote from the server system and the first computer system; receiving, with the server system, from the first client computing device, a first command to change a state of the first pump; and causing, with the server system, the first computer
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	device presents a user interface indicating the first fluid property, the first client computing device being remote from the server system and the first computer system; receiving, with the server system, from the first client computing device, a first command to change a state of the first fluid-handling device; and causing, with the server system, the first computer system disposed at the first fluid handling site to effectuate the command by changing the state of the first fluid-handling device to a sequence of	system disposed at the first fluid handling site to effectuate the command by changing the state of the first pump to a sequence of different target states that change over time.
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	different target states that change over time.	
2. The system of claim 1, wherein:the first fluid handling site comprises a second pump and a second tank that handle a second fluid, the second tank having a second fluid-level sensor with which the first computer system is configured to communicate to obtain a level of the second fluid in the second tank, and the first computer system being configured to provide remote control of the second pump.	17. The system of claim 1, wherein the system further comprises: a plurality of fluids, the plurality of fluids comprising a second fluid; a plurality of computer systems disposed at a plurality of fluid-handling sites, the plurality of computer systems comprising a second computer system; a plurality of fluid tanks, the plurality of fluid tanks comprising a second fluid tank; and a plurality of fluid-handling devices, the	2. The system of claim 1, wherein: the first fluid handling site comprises a second pump and a second tank that handle a second fluid, the second tank having a second fluid-level sensor with which the first computer system is configured to communicate to obtain a level of the second fluid in the second tank, and the first computer system being configured to provide remote control of the second pump.

	plurality of fluid-handling devices comprising a second fluid-handling device.	
3. The system of claim 2, comprising:the first tank, the first pump, the first valve, the second tank, and the second pump, wherein the first fluid is water and the second fluid is oil, wherein the first tank or the second tank is an oil/water separation tank.		3. The system of claim 2, comprising: the first tank, the first pump, the first valve, the second tank, and the second pump, wherein the first fluid is water and the second fluid is oil, wherein the first tank or the second tank is an oil/water separation tank.
4. The system of claim 1, wherein:the sequence of different target states that change over time are configured to ramp up or down a speed of the first pump.	2. The system of claim 1, wherein: the sequence of different target states that change over time are configured to ramp up or	4. The system of claim 1, wherein: the sequence of different target states that change over time are configured to

	down a speed of the first fluid-handling device.	ramp up or down a speed of the first pump.
5. The system of claim 1, wherein:the sequence of different target states that change over time are determined with steps for mitigating shocks to up-stream or down-stream fluid-handling devices relative to the first pump.	3. The system of claim 1, wherein: the sequence of different target states that change over time are determined with steps for mitigating shocks to up-stream or down-stream fluid-handling devices relative to the first fluid-handling device.	5. The system of claim 1, wherein: the sequence of different target states that change over time are determined with steps for mitigating shocks to up-stream or down-stream fluid-handling devices relative to the first pump.
6. The system of claim 1, wherien:at least some of the sequence of different target states that change over time are determined by the first computer system in response to a rate of change in the level of the first fluid in the first tank.	4. The system of claim 1, wherein: at least some of the sequence of different target states that change over time are determined by the first computer system in response to a rate of change in the first	6. The system of claim 1, wherein: at least some of the sequence of different target states that change over time are determined by the first computer system in response to a rate of

	fluid property, wherein the first fluid property corresponds to a level of the first fluid in the first tank.	change in the level of the first fluid in the first tank.
7. The system of claim 1, wherein:the server system is configured to interface with both a web browser on the client computing device and a special-purpose application executing on the client computing device to present the user interface indicating the first fluid level.	5. The system of claim 1, wherein: the server system is configured to interface with both a web browser on the client computing device and a special-purpose application executing on the client computing device to present the user interface indicating the first fluid property, wherein the first fluid property corresponds to a first fluid level.	7. The system of claim 1, wherein: the server system is configured to interface with both a web browser on the client computing device and a special-purpose application executing on the client computing device to present the user interface indicating the first fluid level.

8. The system of claim 1, wherein:the first computer system is configured to communicate with the server system via a cellular wireless connection.	6. The system of claim 1, wherein: the first computer system is configured to communicate with the server system via a cellular wireless connection.	8. The system of claim 1, wherein: the first computer system is configured to communicate with the server system via a cellular wireless connection.
9. The system of claim 1, wherein the first computer system is configured to translate a plurality of commands from the server system, including the command, from an input format to a plurality of different formats and protocols configured to effectuate changes in states of a plurality of different fluid-handling devices at the first fluid handling site, the different fluid-handling devices including the first pump or the first valve.	7. The system of claim 1, wherein the first computer system is configured to translate a plurality of commands from the server system, including the command, from an input format to a plurality of different formats and protocols configured to effectuate changes in states of a plurality of different fluid-handling devices at	9. The system of claim 1, wherein the first computer system is configured to translate a plurality of commands from the server system, including the command, from an input format to a plurality of different formats and protocols configured to effectuate changes in states of a plurality of different fluid-handling devices at the first fluid handling site,

	the first fluid handling site.	the different fluid-handling devices including the first pump or the first valve.
10. The system of claim 9, wherein translating the plurality of commands comprises steps for translating commands.	8. The system of claim 7, wherein translating the plurality of commands comprises steps for translating commands.	10. The system of claim 9, wherein translating the plurality of commands comprises steps for translating commands.
11. The system of claim 9, wherein the plurality of different formats and protocols comprise: modbus protocol; and analog electrical signals.	9. The system of claim 7, wherein the plurality of different formats and protocols comprise: modbus remote terminal unit protocol; and analog electrical signals.	11. The system of claim 9, wherein the plurality of different formats and protocols comprise: modbus protocol; and analog electrical signals.
12. The system of claim 9, wherein at least some of the plurality of different fluid-handling devices comprise proportional-integral-derivative controllers configured to	10. The system of claim 7, wherein at least some of the plurality of different fluid-handling devices comprise	12. The system of claim 9, wherein at least some of the plurality of different fluid-handling devices comprise proportional-

drive respective fluid-handling devices to different target setpoints determined by the first computer system responsive to corresponding commands from the server system.	proportional-integral-derivative controllers configured to drive respective fluid-handling devices to different target setpoints determined by the first computer system responsive to corresponding commands from the server system.	integral-derivative controllers configured to drive respective fluid-handling devices to different target setpoints determined by the first computer system responsive to corresponding commands from the server system.
13. The system of claim 9, wherein:the first computer system is coupled to at least some of the plurality of different fluid handling devices via a bus; and the first computer system comprises means for controlling which fluid handling devices are permitted to transmit signals on the bus at a given point in time.	11. The system of claim 7, wherein: the first computer system is coupled to at least some of the plurality of different fluid-handling devices via a bus; and the first computer system comprises means for controlling which fluid handling devices are permitted to transmit	13. The system of claim 9, wherein: the first computer system is coupled to at least some of the plurality of different fluid handling devices via a bus; and the first computer system comprises means for controlling which fluid handling devices are permitted to transmit

	signals on the bus at a given point in time.	signals on the bus at a given point in time.
14. The system of claim 9, wherein the plurality of different formats and protocols comprise three different protocols communicated over three different types of control busses to corresponding fluid handling devices among the plurality of different fluid handing devices.	12. The system of claim 7, wherein the plurality of different formats and protocols comprise three different protocols communicated over three different types of control busses to corresponding fluid handling devices among the plurality of different fluid-handling devices.	14. The system of claim 9, wherein the plurality of different formats and protocols comprise three different protocols communicated over three different types of control busses to corresponding fluid handling devices among the plurality of different fluid handing devices.
15. The system of claim 9, wherein two of the plurality of different formats and protocols comprise binary frames with redundant bits used to detect errors.		15. The system of claim 9, wherein two of the plurality of different formats and protocols comprise binary frames with redundant bits used to detect errors.

16. The system of claim 9, wherein the plurality of different formats and protocols comprise command code format, an on-off signal format, and an application-program interface format.	13. The system of claim 7, wherein the plurality of different formats and protocols comprise command code format, an on-off signal format, and an application-program interface format.	16. The system of claim 9, wherein the plurality of different formats and protocols comprise command code format, an on-off signal format, and an application-program interface format.
17. The system of claim 9, wherein the first computer system is configured to operate in an automatic mode, a mixed automatic mode, and a manual mode.	14. The system of claim 7, wherein the first computer system is configurable to operate in an automatic mode, a mixed automatic mode, and a manual mode.	17. The system of claim 9, wherein the first computer system is configured to operate in an automatic mode, a mixed automatic mode, and a manual mode.
18. The system of claim 17, wherein the automatic mode comprise executing s process recipe in which a collection of set points are targeted.		18. The system of claim 17, wherein the automatic mode comprise executing s process recipe in which a

		collection of set points are targeted.
19. The system of claim 9, wherein translating the plurality of commands comprises steps for identifying protocols and control busses.	15. The system of claim 7, wherein translating the plurality of commands comprises steps for identifying protocols and control busses.	19. The system of claim 9, wherein translating the plurality of commands comprises steps for identifying protocols and control busses.
20. The system of claim 1, wherein the first computer system comprises a protocol multiplexer.		20. The system of claim 1, wherein the first computer system comprises a protocol multiplexer.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHRISTOPHER E EVERETT whose telephone number is (571)272-2851. The examiner can normally be reached Monday-Friday 8:00 am to 5:00 pm (Eastern).

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is

encouraged to use the USPTO Automated Interview Request (AIR) at
<http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kenneth Lo can be reached on 571-272-9774. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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/Christopher E. Everett/
Primary Examiner, Art Unit 2116



ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
18/212,131

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04/16/2024 06:31:26 PM Z ET

ATTORNEY DOCKET #
034392-0576394

Title of Invention

REMOTE CONTROL OF FLUID-HANDLING DEVICES

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 5690

FILED BY Stephanie Goodson

PATENT CENTER # 65119623

FILING DATE 06/20/2023

CUSTOMER # 909

FIRST NAMED
INVENTOR Aaron Phillips

CORRESPONDENCE
ADDRESS -

AUTHORIZED BY Joshua Tucker

Documents

TOTAL DOCUMENTS: 3

DOCUMENT		PAGES	DESCRIPTION	SIZE (KB)
034392-0576394 Amendment filed 16APR2024-.pdf		8	-	1574 KB
034392-0576394 Amendment filed 16APR2024--A....pdf	(1-1)	1	Amendment/Request for Reconsideration-After Non- Final Rejection	215 KB
034392-0576394 Amendment filed 16APR2024--CLM.pdf	(2-6)	5	Claims	1014 KB
034392-0576394 Amendment filed 16APR2024--REM.pdf	(7-8)	2	Applicant Arguments/Remarks Made in an Amendment	347 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
034392-0576394 Amendment filed 16APR2024-.pdf	3E48EE9F93F41830358BE0C3A4D036B1734C9503F7FF29E3B0 E207F4E8F139196BACD8658F9B7D68E2D373162402A6167260 2AE18AB0ABDAE587A00719331CFA
034392-0576394 Amendment filed 16APR2024--A....pdf	5C28B05F927709F1486BB5A806EF5F907B8676DB31D12F2CB7 B3AF00DB904D2B42C4DFB635061F485FB88554DB19AD4828D 0533ACF8D24EF8B5D6B2D20D01D45
034392-0576394 Amendment filed 16APR2024--CLM.pdf	207A1138C1BBAB33FAC38AD9DB62B8442F5D5DE155DFE6FE 108A881883051CA4815E5FA25F174B027B62700DFD807383F9 E6FBF7552EED0ADE5F6EA076773EB8
034392-0576394 Amendment filed 16APR2024--REM.pdf	4561770677E4E2A59789244E02F3A70D0DE080FF9DB033A87B 652C787F843CE7D45B8A662BF641E65555F18549F82D02450F E4D808031C806925BB90A2A06B75

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: §
Aaron Phillips § Group Art Unit: 2116
Serial No.: 18/212,131 § Confirmation No.: 5690
Filed: 20 June 2023 § Examiner: Everett, Christopher E.
§
For: REMOTE CONTROL OF FLUID- § Atty. Docket: 034392-0576394
HANDLING DEVICES §

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF TRANSMISSION OR MAILING
37 C.F.R. 1.8

I hereby certify that this correspondence is being transmitted by facsimile to the United States Patent and Trademark Office in accordance with 37 C.F.R. § 1.6(d), or is being transmitted via the Office electronic filing system in accordance with 37 C.F.R. § 1.6(a)(4), or is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

16 April 2024

/Joshua Tucker/

Date

Joshua Tucker, Reg. No. 63809

Commissioner:

AMENDMENT AND RESPONSE
TO NON-FINAL OFFICE ACTION ISSUED ON 06 FEBRUARY 2024

In response to the above-noted office action, Applicant amends and remarks as follows.

Authorization for Extensions of Time and Payment of Fees

In accordance with 37 C.F.R. § 1.136, Applicant hereby provides a general authorization to treat this and any future reply requiring an extension of time as incorporating a request thereof. The Commissioner is authorized to charge any additional fees that may be required to Deposit Account No. 033975, referencing the above attorney docket number.

AMENDMENTS TO THE CLAIMS

The following is a complete listing of the claims, which replaces all previous versions and listings of the claims.

1-20. (canceled)

21. (new) A fluid processing method, comprising:

receiving, with a first computer system disposed at a first fluid-handling site, information comprising one or more properties of a first fluid from one or more sensors disposed at a first fluid tank itself disposed at the first fluid-handling site, the fluid-handling site comprising one or more fluid-handling devices, the one or more fluid-handling devices comprising one or more of a first pump, a first filter, and a first valve;

providing, with the first computer system disposed at a first fluid handling site, remote control of a first fluid-handling device of the one or more fluid-handling devices;

receiving, with a server system, from the first computer system, via a network, a first fluid property of the one or more properties associated with the first fluid sensed by a first sensor of the one or more sensors;

obtaining, with the server system, credentials from a first client computing device;

determining, with the server system, based on the credentials, that a user of the first client computing device is authorized to interact with the first fluid handling site, wherein the server system hosts data about other fluid handling sites the user is not authorized to interact;

after the determination, providing, with the server system, via the network, information by which the first client computing device presents a user interface indicating the first fluid property, the first client computing device being remote from the server system and the first computer system;

receiving, with the server system, from the first client computing device, a first command to change a state of the first fluid-handling device; and

causing, with the server system, the first computer system disposed at the first

fluid handling site to effectuate the command by changing the state of the first fluid-handling device to a sequence of different target states that change over time.

22. (new) The method of claim 21, wherein:

the sequence of different target states that change over time are configured to ramp up or down a speed of the first fluid-handling device.

23. (new) The method of claim 21, wherein:

the sequence of different target states that change over time are determined with steps for mitigating shocks to up-stream or down-stream fluid-handling devices relative to the first pump.

24. (new) The method of claim 21, wherein:

at least some of the sequence of different target states that change over time are determined by the first computer system in response to a rate of change in the first fluid property, wherein the first fluid property corresponds to a level of the first fluid in the first tank.

25. (new) The method of claim 21, wherein:

the server system is configured to interface with both a web browser on the client computing device and a special-purpose application executing on the client computing device to present the user interface indicating the first fluid property, wherein the first fluid property corresponds to a first fluid level.

26. (new) The method of claim 21, wherein:

the first computer system is configured to communicate with the server system via a cellular wireless connection.

27. (new) The method of claim 21, wherein the first computer system is configured to translate a plurality of commands from the server system, including the command, from an input format to a plurality of different formats and protocols configured to effectuate changes in states of a plurality of different fluid-handling devices at the first fluid handling site.

28. (new) The method of claim 27, wherein translating the plurality of commands comprises steps for translating commands.

29. (new) The method of claim 27, wherein the plurality of different formats and protocols comprise:

modbus remote terminal unit protocol; and
analog electrical signals.

30. (new) The method of claim 27, wherein at least some of the plurality of different fluid-handling devices comprise proportional-integral-derivative controllers configured to drive respective fluid-handling devices to different target setpoints determined by the first computer system responsive to corresponding commands from the server system.

31. (new) The method of claim 27, wherein:

the first computer system is coupled to at least some of the plurality of different fluid-handling devices via a bus; and

the first computer system comprises means for controlling which fluid handling devices are permitted to transmit signals on the bus at a given point in time.

32. (new) The method of claim 27, wherein the plurality of different formats and protocols comprise three different protocols communicated over three different types of control busses to corresponding fluid handling devices among the plurality of different fluid-handling devices.

33. (new) The method of claim 27, wherein the plurality of different formats and protocols comprise command code format, an on-off signal format, and an application-program interface format.
34. (new) The method of claim 27, wherein the first computer system is configurable to operate in an automatic mode, a mixed automatic mode, and a manual mode.
35. (new) The method of claim 27, wherein translating the plurality of commands comprises steps for identifying protocols and control busses.
36. (new) The method of claim 21, wherein the first computing system is configured to receive and transmit data and commands via a remote terminal unit protocol wherein the data and commands comprise redundant bits.
37. (new) A method, comprising:
- measuring, with one or more sensors at a first fluid tank located at a first fluid-handling site, one or more properties associated with a first fluid;
 - receiving, with a first computer system disposed at a first fluid handling site, information associated with the one or more properties associated with the first fluid;
 - providing, with the first computer system, remote control of a first fluid-handling device of a plurality of fluid-handling devices, the first fluid-handling device comprising at least one of a first pump, a first filter, and a first valve;
 - receiving, with a server system, from the first computer system, via a network, a first fluid property of the one or more properties associated with the first fluid sensed by a first sensor of the one or more sensors;
 - obtaining, with the server system, credentials from a first client computing device;
 - determining, with the server system, based on the credentials, that a user of the first client computing device is authorized to interact with the first fluid handling site,

wherein the server system hosts data about other fluid handling sites the user is not authorized to interact;

after the determination, providing, with the server system, via the network, information by which the first client computing device presents a user interface indicating the first fluid property, the first client computing device being remote from the server system and the first computer system;

receiving, with the server system, from the first client computing device, a first command to change a state of the first fluid-handling device; and

causing, with the server system, the first computer system disposed at the first fluid handling site to effectuate the command by changing the state of the first fluid-handling device to a sequence of different target states that change over time.

REMARKS

In the office action, the Examiner rejected claims 1-20. By this response, Applicant cancels claims 1-20 and adds new claims 21-37. Upon entry of these amendments, claims 21-37 are pending in the present application and are believed to be in condition for allowance. These amendments are fully supported by the original disclosure. In view of the foregoing amendments and the following remarks, Applicant respectfully requests consideration and allowance of all pending claims.

The newly added claims are identical to claims that were previously allowed, except that these claims are in method format. The claims are the same (other than being method claims) to the claims allowed in US Pat. 11,726,504¹.

Double patenting

On pages 2-17 of the office action, the Examiner rejected claims 1-20 for alleged double patenting over U.S. Pat. 11726504 and U.S. Pat. 11294403. To expedite prosecution and without conceding the merits of the rejection, Applicant is filing a terminal disclaimer herewith. In view of this amendment, withdrawal of this rejection is respectfully requested.

Reservation of Arguments

Applicant stresses that many terms in the claims are defined within the claim itself. Particularly where bespoke noun phrases are used, Applicant has sought to embed the characteristics of their referent relevant to the claim in the claim itself. As such, use of such noun phrases (e.g., those having a meaning particular to the document at hand) should not be taken as an invitation to import limitations from the specification when the relevant limitations are already recited in the claim itself.

¹ Claim 23 is revised to reflect the Examiner's amendment in the Notice of Allowance issued 17 March 2023 for US Pat. 11,726,504, and claims 21 and 37 are revised to fix an issue with antecedent basis corrected through a certificate of correction issued for the '504 patent.

Conclusion

Applicant respectfully submits that all pending claims should be in condition for allowance. However, if the Examiner believes certain amendments are necessary to clarify the present claims or if the Examiner wishes to resolve any other issues by way of a telephone conference, the Examiner is kindly invited to contact the undersigned attorney at the telephone number indicated below.

Respectfully submitted,

Date: 16 April 2024

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PATENT AND TRADEMARK OFFICE

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APPROVAL LETTER

APPLICATION #	FILING DATE	APPLICANT/PATENT UNDER REEXAMINATION
18/212,131	06/20/2023	Aaron Phillips

Title of Invention
REMOTE CONTROL OF FLUID-HANDLING DEVICES

Electronic terminal disclaimer filed on 04/16/2024

☒ Approved

This patent is subject to a Terminal Disclaimer

Approved / Disapproved by: Electronic Terminal Disclaimer automatically approved



ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
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Title of Invention

REMOTE CONTROL OF FLUID-HANDLING DEVICES

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 5690

FILED BY Stephanie Goodson

PATENT CENTER # 65119531

FILING DATE 06/20/2023

CUSTOMER # 909

FIRST NAMED
INVENTOR Aaron Phillips

CORRESPONDENCE
ADDRESS -

AUTHORIZED BY Joshua Tucker

Documents

TOTAL DOCUMENTS: 2

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
petition-request.pdf	3	Terminal Disclaimer-Filed (Electronic)	49 KB
grantLetter.pdf	1	Terminal Disclaimer-Electronic- Approved	19 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
petition-request.pdf	914A16ED71FD915D2178B3CBA6D6353F3C66AE6283432FCB5 22F98E57013389F8F2DF3807A86597F41FCBA2FEB7C38064D7

D54321B2ADD5443F3665D21869993C

grantLetter.pdf

38B037DAA5241FE33DC4D915C506CA621A869BC9E2A3B822A
91246E45226B1FDE0D91A3A6156B75F2929703FF0582FB1CD5
6CAA6F2ECF55F8B57434E4C8EC302

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



ELECTRONIC PAYMENT RECEIPT

APPLICATION #
18/212,131

RECEIPT DATE / TIME
04/16/2024 06:28:44 PM Z ET

ATTORNEY DOCKET #
034392-0576394

Title of Invention

REMOTE CONTROL OF FLUID-HANDLING DEVICES

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 5690

FILED BY Stephanie Goodson

PATENT CENTER # 65119531

AUTHORIZED BY Joshua Tucker

CUSTOMER # 909

FILING DATE 06/20/2023

CORRESPONDENCE
ADDRESS -

FIRST NAMED
INVENTOR Aaron Phillips

Payment Information

PAYMENT METHOD
DA / 033975

PAYMENT TRANSACTION ID
E20244FI29058612

PAYMENT AUTHORIZED BY
Joshua Tucker

FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
2814	STATUTORY DISCLAIMER, INCLUDING TERMINAL DISCLAIMER	170.00	1	170.00

TOTAL
AMOUNT: \$170.00

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

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UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING REJECTION OVER A PRIOR
PATENT

APPLICATION # 18212131	FILING DATE 06/20/2023	FIRST NAMED INVENTOR Aaron Phillips	ATTORNEY DOCKET # 034392-0576394
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Title of Invention
REMOTE CONTROL OF FLUID-HANDLING DEVICES

- ☒ Filing of terminal disclaimer does not obviate requirement for response under 37 CFR 1.111 to outstanding Office Action
- ☒ This electronic Terminal Disclaimer is not being used for a Joint Research Agreement.

Owner	Percent interest
SitePro, Inc.	100%
Total	100%

The owner(s) of percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of any patent granted on pending reference Application Number(s)

Application #	Filing Date
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as the term of any patent granted on said reference application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending reference application. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and any patent granted on the reference application are commonly owned. This agreement runs with any patent granted on the

instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term of any patent granted on said reference application, "as the term of any patent granted on said reference application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending reference application," in the event that any such patent granted on the pending reference application: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as shortened by any terminal disclaimer filed prior to its grant.

The owner(s) of percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of prior patent number(s)

Patent #

11726504

11294403

as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:

- expires for failure to pay a maintenance fee;
- is held unenforceable;
- is found invalid by a court of competent jurisdiction;
- is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
- has all claims canceled by a reexamination certificate;
- is reissued; or
- is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.



Terminal disclaimer fee under 37 CFR 1.20(d) included with Electronic Terminal Disclaimer request.

Applicant claims the following entity status:

Small

I hereby declare that all statements made herein of my own knowledge are true and that all statemnts made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I certify, in accordance with 37 CFR 1.4(d)(4) that I am: An attorney or agent registered to practice before the Patent and Trademark Office who is of record in this application

Signature	Name	Registration #
/Joshua Tucker/	Joshua Tucker	63609

* Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner). Form PTO/SB/96 may be used for making this certification. See MPEP 324.

Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (01-22)
Approved for use through 05/31/2024. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		18212131	
	Filing Date		2023-06-20	
	First Named Inventor	Aaron Phillips		
	Art Unit	2116		
	Examiner Name	EVERETT, CHRISTOPHER E		
	Attorney Docket Number	034392-0576394		

U.S.PATENTS							Remove	
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		
	1	11726504	B2	2023-08-15	Phillips			
If you wish to add additional U.S. Patent citation information please click the Add button.							Add	
U.S.PATENT APPLICATION PUBLICATIONS							Remove	
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		
	1							
If you wish to add additional U.S. Published Application citation information please click the Add button.							Add	
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Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							☐
If you wish to add additional Foreign Patent Document citation information please click the Add button								Add
NON-PATENT LITERATURE DOCUMENTS								Remove
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.						T ⁵

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		18212131
	Filing Date		2023-06-20
	First Named Inventor	Aaron Phillips	
	Art Unit	2116	
	Examiner Name	EVERETT, CHRISTOPHER E	
	Attorney Docket Number	034392-0576394	

1	Scott Oaks & Henry Wong, Java Threads, 2nd Edition, January 1999, ISBN: 1-56592-418-5, 332 pages.	☐
2	Patrick Niemeyer & Jonathan Knudsen, Learning Java, 3rd Edition, May 2005, 978 pages.	☐
3	John R. Hubbard, Ph.D., Theory and Problems of Fundamentals of Computing with C++, 1998, 31 pages.	☐

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Christopher E. Everett/ (04/29/2024)	Date Considered	04/29/2024
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		18212131
	Filing Date		2023-06-20
	First Named Inventor	Aaron Phillips	
	Art Unit	2116	
	Examiner Name	EVERETT, CHRISTOPHER E	
	Attorney Docket Number	034392-0576394	

CERTIFICATION STATEMENT			
Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):			
☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).			
OR			
☒ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).			
☐ See attached certification statement. ☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith. ☐ A certification statement is not submitted herewith.			
SIGNATURE			
A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.			
Signature	/Joshua Tucker/	Date (YYYY-MM-DD)	2024-04-17
Name/Print	Joshua Tucker	Registration Number	63809
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



ELECTRONIC PAYMENT RECEIPT

APPLICATION #
18/212,131

RECEIPT DATE / TIME
05/07/2024 06:53:41 PM Z ET

ATTORNEY DOCKET #
034392-0576394

Title of Invention

REMOTE CONTROL OF FLUID-HANDLING DEVICES

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 5690

FILED BY Jennifer Saltee

PATENT CENTER # 65416059

AUTHORIZED BY Joshua Tucker

CUSTOMER # 909

FILING DATE 06/20/2023

CORRESPONDENCE
ADDRESS -

FIRST NAMED
INVENTOR Aaron Phillips

Payment Information

PAYMENT METHOD
DA / 033975

PAYMENT TRANSACTION ID
E202457154145400

PAYMENT AUTHORIZED BY
Jennifer Saltee

PRE-AUTHORIZED ACCOUNT
033975

PRE-AUTHORIZED CATEGORY
37 CFR 1.16 (National application filing, search, and examination fees); 37
CFR 1.17 (Patent application and reexamination processing fees); 37 CFR 1.19
(Document supply fees); 37 CFR 1.20 (Post Issuance fees); 37 CFR 1.21
(Miscellaneous fees and charges)

FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
2806	SUBMISSION OF AN INFORMATION DISCLOSURE STATEMENT	104.00	1	104.00

TOTAL
AMOUNT: \$104.00

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		18212131	
	Filing Date		2023-06-20	
	First Named Inventor	Aaron Phillips		
	Art Unit	2116		
	Examiner Name	Christopher E. Everett		
	Attorney Docket Number	034392-0576394		

U.S.PATENTS								Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		
	1							
If you wish to add additional U.S. Patent citation information please click the Add button.								Add
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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		
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Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							☐
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NON-PATENT LITERATURE DOCUMENTS								Remove
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.						T ⁵

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		18212131
	Filing Date		2023-06-20
	First Named Inventor	Aaron Phillips	
	Art Unit		2116
	Examiner Name	Christopher E. Everett	
	Attorney Docket Number		034392-0576394

	1	SitePro, Inc. v. Waterbridge Resources, LLC, et al., Claim Construction Memorandum and Order, Civil No. 6:23-CV-115-ADA-DTG, Document 93, dated February 23, 2024, 123 pages.	☐
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If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		18212131
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	First Named Inventor	Aaron Phillips	
	Art Unit	2116	
	Examiner Name	Christopher E. Everett	
	Attorney Docket Number	034392-0576394	

CERTIFICATION STATEMENT			
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OR			
☒ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).			
☐ See attached certification statement.			
☒ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.			
☐ A certification statement is not submitted herewith.			
SIGNATURE			
A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.			
Signature	/Joshua Tucker/	Date (YYYY-MM-DD)	2024-05-07
Name/Print	Joshua Tucker	Registration Number	63809
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			

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The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
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6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
18/212,131

RECEIPT DATE / TIME
05/07/2024 06:53:41 PM Z ET

ATTORNEY DOCKET #
034392-0576394

Title of Invention

REMOTE CONTROL OF FLUID-HANDLING DEVICES

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 5690

FILED BY Jennifer Sallee

PATENT CENTER # 65416059

FILING DATE 06/20/2023

CUSTOMER # 909

FIRST NAMED
INVENTOR Aaron Phillips

CORRESPONDENCE
ADDRESS -

AUTHORIZED BY Joshua Tucker

Documents

TOTAL DOCUMENTS: 2

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
034392-0576394_IDS.pdf	4	Information Disclosure Statement (IDS) Form (SB08)	1234 KB
NPL_Ref.pdf	123	Non Patent Literature	999 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
034392-0576394_IDS.pdf	9FE1E697086DBCF8AD315B63ADD6D675F9FA8D4470967C353 E30E68D5DC6E9D919AC1A8BD2DCD2E6412CF4797FAED9F20 08E565E43F8A9BFFB125AC18B3C71E6

NPL_Ref.pdf

2DEE890BA9FEC9BA4077CD6DBB60E68F9C0A9CE0B6AB346
E000C91934155CF6E9A8B27BC82248486D4C10DE933B0D358
D109E4290CBB6E52C1E3FC7CF0917921

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
18/212,131

RECEIPT DATE / TIME
04/17/2024 05:56:48 PM Z ET

ATTORNEY DOCKET #
034392-0576394

Title of Invention

REMOTE CONTROL OF FLUID-HANDLING DEVICES

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
 under 35 USC 111(a)

PATENT # -

CONFIRMATION # 5690

FILED BY Stephanie Goodson

PATENT CENTER # 65137336

FILING DATE 06/20/2023

CUSTOMER # 909

FIRST NAMED
INVENTOR Aaron Phillips

CORRESPONDENCE
ADDRESS -

AUTHORIZED BY Joshua Tucker

Documents

TOTAL DOCUMENTS: 4

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
034392-0576394 IDS 17APR2024.pdf	4	Information Disclosure Statement (IDS) Form (SB08)	1234 KB
Java Threads_NPL.pdf	219	Non Patent Literature	5236 KB
Fundamentals_NPL.pdf	31	Non Patent Literature	6523 KB
Learning Java_NPL.pdf	978	Non Patent Literature	21567 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
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034392-0576394 IDS 17APR2024.pdf	95ADE028A095288CF109C4EE3D885E2B78190C1429E9A16F9 CC97C767B570448CD84E1DE1BFF734CA6B59105A452DAF049 91AB3017A72ABC44F716E4876FD2B0
Java Threads_NPL.pdf	9DD25CDF4C6C48BE9846FB8E9780B42963421650D31C3B681 4BA6470740CF2442CABB7DE0E4832627B83AA4ABF702707D8 D2B4622B9EBC89A8B9F045E7F235E9
Fundamentals_NPL.pdf	57D78D577ECA70E841E0FAE814B39EF2F6929919B9223E538 D535B2B282E4745EFD1DDB77FCAB107A5A79CAA96D1051A2 B1DBBE8EAAEE08C06D0508B4B815243F
Learning Java_NPL.pdf	BFFB7E2E2FC8D0C407F7592C10F8A82937F8B1431B4F3E1B2 6B0184B143D56FB9B8F72B03FB5468ED817D1BE20E67D1948 72E16B8B877FCFB55B5C82E8A24911

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		18212131	
	Filing Date		2023-06-20	
	First Named Inventor	Aaron Phillips		
	Art Unit	2116		
	Examiner Name	EVERETT, CHRISTOPHER E		
	Attorney Docket Number	034392-0576394		

U.S.PATENTS								Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		
	1	11726504	B2	2023-08-15	Phillips			
If you wish to add additional U.S. Patent citation information please click the Add button.								Add
U.S.PATENT APPLICATION PUBLICATIONS								Remove
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		
	1							
If you wish to add additional U.S. Published Application citation information please click the Add button.								Add
FOREIGN PATENT DOCUMENTS								Remove
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							☐
If you wish to add additional Foreign Patent Document citation information please click the Add button.								Add
NON-PATENT LITERATURE DOCUMENTS								Remove
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.						T ⁵

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	18212131
Filing Date	2023-06-20
First Named Inventor	Aaron Phillips
Art Unit	2116
Examiner Name	EVERETT, CHRISTOPHER E
Attorney Docket Number	034392-0576394

1	Scott Oaks & Henry Wong, Java Threads, 2nd Edition, January 1999, ISBN: 1-56592-418-5, 332 pages.	☐
2	Patrick Niemeyer & Jonathan Knudsen, Learning Java, 3rd Edition, May 2005, 978 pages.	☐
3	John R. Hubbard, Ph.D., Theory and Problems of Fundamentals of Computing with C++, 1998, 31 pages.	☐

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		18212131
	Filing Date		2023-06-20
	First Named Inventor	Aaron Phillips	
	Art Unit	2116	
	Examiner Name	EVERETT, CHRISTOPHER E	
	Attorney Docket Number	034392-0576394	

CERTIFICATION STATEMENT			
Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):			
☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).			
OR			
☒ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).			
☐ See attached certification statement.			
☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.			
☐ A certification statement is not submitted herewith.			
SIGNATURE			
A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.			
Signature	/Joshua Tucker/	Date (YYYY-MM-DD)	2024-04-17
Name/Print	Joshua Tucker	Registration Number	63809
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: §
Aaron Phillips § Group Art Unit: 2116
Serial No.: 18/212,131 § Confirmation No.: 5690
Filed: 20 June 2023 § Examiner: Christopher E. Everett
§
For: REMOTE CONTROL OF FLUID- § Atty. Docket: 034392-0576394
HANDLING DEVICES §

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF TRANSMISSION OR MAILING 37 C.F.R. 1.8	
I hereby certify that this correspondence is being transmitted by facsimile to the United States Patent and Trademark Office in accordance with 37 C.F.R. § 1.6(d), or is being transmitted via the Office electronic filing system in accordance with 37 C.F.R. § 1.6(a)(4), or is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:	
8 May 2024	/Joshua Tucker/
Date	Joshua Tucker, Reg. No. 63809

Commissioner:

AMENDMENT UNDER 37 C.F.R. § 1.312

Please consider and enter the following amendment and remarks regarding the above-identified allowed application. It is respectfully submitted that the following amendment does not present any new issues of patentability, and as such should be entered in its entirety.

Authorization for Extensions of Time and Payment of Fees

In accordance with 37 C.F.R. § 1.136, Applicant hereby provides a general authorization to treat this and any future reply requiring an extension of time as incorporating a request thereof. The Commissioner is authorized to charge any additional fees that may be required to Deposit Account No. 033975, referencing the above attorney docket number.

4881-6397-4589.v1

IN THE SPECIFICATION

Please replace paragraph [001] in the specification with the following amended paragraph [001]:

[001] The present application is a continuation of U.S. Patent Application 17/681,373, issued as U.S. Patent 11,726,504, filed 25 February 2022, titled REMOTE CONTROL OF FLUID-HANDLING DEVICES, which is a continuation of U.S. Patent Application 17/513,539, issued as U.S. Patent 11,294,403, filed 28 October 2021, titled REMOTE CONTROL OF FLUID-HANDLING DEVICES. U.S. Patent Application 17/513,539 is a continuation of 16/656,319, issued as U.S. Patent 11,175,680, filed 17 October 2019, titled REMOTE CONTROL OF FLUID-HANDLING DEVICES, which is a continuation of U.S. Patent Application 15/867,077, issued as U.S. Patent 10,488,871, filed 10 January 2018, and titled REMOTE CONTROL OF FLUID-HANDLING DEVICES, which is a continuation of U.S. Patent Application 14/984,422, issued as U.S. Patent No. 9,898,014, filed 30 December 2015, and titled REMOTE CONTROL OF FLUID-HANDLING DEVICES, which is a continuation of U.S. Patent Application 14/147,190, issued as U.S. Patent 9,342,078, filed 03 January 2014, titled REMOTE CONTROL OF FLUID-HANDLING DEVICES, which is a continuation of U.S. Patent Application 13/708,557, issued as U.S. Patent 8,649,909, filed 07 December 2012, and titled REMOTE CONTROL OF FLUID-HANDLING DEVICES, the entire contents of each of which are hereby incorporated by reference for all purposes.

REMARKS

By this Rule 312 Amendment, Applicant has amended the specification to update the “Cross-Reference to Related Applications” paragraph. No new matter has been added.

Conclusion

Applicant respectfully submits that the patent application should be in condition for allowance. However, if the Examiner believes certain amendments are necessary to clarify the present claims or if the Examiner wishes to resolve any other issues by way of a telephone conference, the Examiner is kindly invited to contact the undersigned attorney at the telephone number indicated below.

Respectfully submitted,

Date: 8 May 2024

/Joshua Tucker/

Joshua Tucker
Registration No. 63809
Pillsbury Winthrop Shaw Pittman LLP
P.O. Box 10500
McLean, VA 22102
Phone 512-580-9628

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of: Aaron Phillips	Confirmation Number: 5690
Application No.: 18/212,131	Group Art Unit: 2116
Filed: 20 June 2023	Examiner: Christopher E. Everett
Title: REMOTE CONTROL OF FLUID-HANDLING DEVICES	

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Mail Stop Issue Fee

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Applicant confirms with appreciation the receipt of the Notice of Allowability for this application.

Applicant recognizes that in accordance with M.P.E.P. § 1302.14, the statement of reasons for allowance need not set forth all of the details as to why the claims are allowed.

Consequently, Applicant may assert that the stated reasons for allowance are not the only reasons for which the claims are allowable. The claims may be allowable for other reasons as well.

In addition, Applicant does not concede that all of the limitations identified in the statement are necessary to distinguish the prior art of record or to satisfy the requirements of 35 U.S.C. § 112. In addition, the statement does not assert, and Applicant would not concede, that the stated reasons have any bearing on the patentability of claims in any other application directed to the disclosed subject matter.

In addition, Applicant notes that each dependent claim stands on its own and is allowable on its own merits. In particular, each dependent claim may be allowable on the basis of a combination of some of the features recited in the dependent claim and its base claim(s), which combination of features may not include all of the limitations identified in the reasons for allowance.

These comments are being filed concurrently with payment of the Issue Fee. Please charge any fees, if any, associated with the submission of this paper to Deposit Account Number 033975 (Ref. No. 034392-0576394). The Commissioner for Patents is also authorized to credit any over payments to the above-referenced Deposit Account.

Respectfully submitted,

Date: 08 May 2024

/Joshua Tucker/
Joshua Tucker
Registration No. 63809
Pillsbury Winthrop Shaw Pittman LLP
P.O. Box 10500
McLean, VA 22102
Phone 512-580-9628

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via the USPTO patent electronic filing system.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. **Because electronic patent issuance may occur shortly after issue fee payment, any desired continuing application should preferably be filed prior to payment of this issue fee in order not to jeopardize copendency.**

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

909 7590 05/08/2024
Pillsbury Winthrop Shaw Pittman, LLP
PO Box 10500
McLean, VA 22102

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via the USPTO patent electronic filing system or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/212,131	06/20/2023	Aaron Phillips	034392-0576394	5690

TITLE OF INVENTION: REMOTE CONTROL OF FLUID-HANDLING DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0.00	\$0.00	\$480	08/08/2024

EXAMINER	ART UNIT	CLASS-SUBCLASS
EVERETT, CHRISTOPHER E	2116	700-083000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/ALA/122 or PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/ALA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Pillsbury Winthrop Shaw Pittman LLP

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

SitePro, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Lubbock, TX

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☒ Issue Fee ☐ Publication Fee (if required)

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☒ Electronic Payment via the USPTO patent electronic filing system ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. 033975

5. Change in Entity Status (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /Joshua Tucker/

Date May 8, 2024

Typed or printed name Joshua Tucker

Registration No. 63809



ELECTRONIC PAYMENT RECEIPT

APPLICATION #
18/212,131

RECEIPT DATE / TIME
05/08/2024 06:00:38 PM Z ET

ATTORNEY DOCKET #
034392-0576394

Title of Invention

REMOTE CONTROL OF FLUID-HANDLING DEVICES

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 5690

FILED BY Jennifer Saltee

PATENT CENTER # 65432004

AUTHORIZED BY Joshua Tucker

CUSTOMER # 909

FILING DATE 06/20/2023

CORRESPONDENCE
ADDRESS -

FIRST NAMED
INVENTOR Aaron Phillips

Payment Information

PAYMENT METHOD
DA / 033975

PAYMENT TRANSACTION ID
E202458101115688

PAYMENT AUTHORIZED BY
Jennifer Saltee

PRE-AUTHORIZED ACCOUNT
033975

PRE-AUTHORIZED CATEGORY

37 CFR 1.16 (National application filing, search, and examination fees); 37 CFR 1.17 (Patent application and reexamination processing fees); 37 CFR 1.19 (Document supply fees); 37 CFR 1.20 (Post Issuance fees); 37 CFR 1.21 (Miscellaneous fees and charges)

FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
2501	UTILITY ISSUE FEE	480.00	1	480.00
TOTAL AMOUNT:				\$480.00

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement

Receipt will establish the filing date of the application

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
18/212,131

RECEIPT DATE / TIME
05/08/2024 06:00:38 PM Z ET

ATTORNEY DOCKET #
034392-0576394

Title of Invention

REMOTE CONTROL OF FLUID-HANDLING DEVICES

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 5690

FILED BY Jennifer Sallee

PATENT CENTER # 65432004

FILING DATE 06/20/2023

CUSTOMER # 909

FIRST NAMED
INVENTOR Aaron Phillips

CORRESPONDENCE
ADDRESS -

AUTHORIZED BY Joshua Tucker

Documents

TOTAL DOCUMENTS: 5

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
034392- 0576394__Comments_on_Re asons_for_Allowance.pdf	2	Post Allowance Communication - Incoming	92 KB
034392- 0576394__Issue_Fee_Transmi ttal.pdf	1	Issue Fee Payment (PTO-85B)	113 KB
034392- 0576394__Rule_312__Amendm ent.pdf	3	-	101 KB
034392- 0576394__Rule_312__Amend ment-A.NA.pdf	(1-1) 1	Amendment after Notice of Allowance (Rule 312)	94 KB

034392- 0576394_Rule_312_Amend ment-SPEC.pdf	(2-2)	1	Specification	72 KB
034392- 0576394_Rule_312_Amend ment-REM.pdf	(3-3)	1	Applicant Arguments/Remarks Made in an Amendment	72 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
034392- 0576394_Comments_on_Reas ons_for_Allowance.pdf	739006F1D691EF5E5FB5652A8291BF0A893488A15C29FC5383 A3BF64B13F63A9BA9256C63EE2C3AF26BEB1CDEBC2518D82 95A8A0712A550417F98C17838025AD
034392- 0576394_Issue_Fee_Transmitt al.pdf	4231B4D9EB56C5711D26211B34EDAE2F1DA6981686A6FA69F 416D886B1B8094674DC59BC6F0985938C1CFDD898F1206FE1 D9099B49C39F38EC3EB104464A988C
034392- 0576394_Rule_312_Amendme nt.pdf	814FDF076A1CCF56973DDA4E25DDDF6A41C7D7AD75A3D4B A928C4E09E2D26357CB7B40DFBED09C1756AA10495F80F0D2 4B62B675A86761B2150FF389111A2D74
034392- 0576394_Rule_312_Amendme nt-A.NA.pdf	66BEF7A0759ECADEF9872F4AAAA065E7205B2A747B4066F7A C40DB39A1F1B23313E92FA38B98FFCD9BADCE6E229B072C4 B127821ACC54D8168A2C6FEA5A6D32D
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034392- 0576394_Rule_312_Amendme nt-REM.pdf	2A12A2B7B9B17BBA6EF86981B902133D563244BB4C26D8DCD 3022EF1CAF0BB1B3715CFE8DF816C76D2F9F09267ECBC34F1 23BDDD9F814C38D70E9C45F5E336B7

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as

described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



NOTICE OF ALLOWANCE AND FEE(S) DUE

909 7590 05/08/2024
Pillsbury Winthrop Shaw Pittman, LLP
PO Box 10500
McLean, VA 22102

EXAMINER

EVERETT, CHRISTOPHER E

ART UNIT

PAPER NUMBER

2116

DATE MAILED: 05/08/2024

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/212,131	06/20/2023	Aaron Phillips	034392-0576394	5690

TITLE OF INVENTION: REMOTE CONTROL OF FLUID-HANDLING DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0.00	\$0.00	\$480	08/08/2024

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 40% the amount of undiscounted fees, and micro entity fees are 20% the amount of undiscounted fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via the USPTO patent electronic filing system.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. **Because electronic patent issuance may occur shortly after issue fee payment, any desired continuing application should preferably be filed prior to payment of this issue fee in order not to jeopardize copendency.**

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

909 7590 05/08/2024
Pillsbury Winthrop Shaw Pittman, LLP
PO Box 10500
McLean, VA 22102

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via the USPTO patent electronic filing system or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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18/212,131 06/20/2023 Aaron Phillips 034392-0576394 5690

TITLE OF INVENTION: REMOTE CONTROL OF FLUID-HANDLING DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional SMALL \$480 \$0.00 \$0.00 \$480 08/08/2024

EXAMINER	ART UNIT	CLASS-SUBCLASS
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EVERETT, CHRISTOPHER E 2116 700-083000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/ALA/122 or PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/ALA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,

1 _____

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☐ Issue Fee ☐ Publication Fee (if required)

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☐ Electronic Payment via the USPTO patent electronic filing system ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. Change in Entity Status (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/212,131	06/20/2023	Aaron Phillips	034392-0576394	5690
909	7590	05/08/2024	EXAMINER	
Pillsbury Winthrop Shaw Pittman, LLP			EVERETT, CHRISTOPHER E	
PO Box 10500			ART UNIT	
McLean, VA 22102			PAPER NUMBER	
			2116	
DATE MAILED: 05/08/2024				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. The United States Patent and Trademark Office (USPTO) collects the information in this record under authority of 35 U.S.C. 2. The USPTO's system of records is used to manage all applicant and owner information including name, citizenship, residence, post office address, and other information with respect to inventors and their legal representatives pertaining to the applicant's/owner's activities in connection with the invention for which a patent is sought or has been granted. The applicable Privacy Act System of Records Notice for the information collected in this form is COMMERCE/PAT-TM-7 Patent Application Files, available in the Federal Register at 78 FR 19243 (March 29, 2013).

<https://www.govinfo.gov/content/pkg/FR-2013-03-29/pdf/2013-07341.pdf>

Routine uses of the information in this record may include disclosure to:

- 1) law enforcement, in the event that the system of records indicates a violation or potential violation of law;
- 2) a federal, state, local, or international agency, in response to its request;
- 3) a contractor of the USPTO having need for the information in order to perform a contract;
- 4) the Department of Justice for determination of whether the Freedom of Information Act (FOIA) requires disclosure of the record;
- 5) a Member of Congress submitting a request involving an individual to whom the record pertains, when the individual has requested the Member's assistance with respect to the subject matter of the record;
- 6) a court, magistrate, or administrative tribunal, in the course of presenting evidence, including disclosures to opposing counsel in the course of settlement negotiations;
- 7) the Administrator, General Services Administration (GSA), or their designee, during an inspection of records conducted by GSA under authority of 44 U.S.C. 2904 and 2906, in accordance with the GSA regulations and any other relevant (i.e., GSA or Commerce) directive, where such disclosure shall not be used to make determinations about individuals;
- 8) another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c));
- 9) the Office of Personnel Management (OPM) for personnel research purposes; and
- 10) the Office of Management and Budget (OMB) for legislative coordination and clearance.

If you do not furnish the information requested on this form, the USPTO may not be able to process and/or examine your submission, which may result in termination of proceedings, abandonment of the application, and/or expiration of the patent.

Notice of Allowability**Application No.**

18/212,131

Applicant(s)

Phillips, Aaron

Examiner

CHRISTOPHER E EVERETT

Art Unit

2116

AIA (FITF) Status

No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 4/16/2024.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are 21-37. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. _____.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

5. ☐ Examiner's Amendment/Comment

2. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____.

6. ☒ Examiner's Statement of Reasons for Allowance

3. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material _____.

7. ☐ Other _____.

4. ☐ Interview Summary (PTO-413),
Paper No./Mail Date. _____.

/Christopher E. Everett/
Primary Examiner, Art Unit 2116

DETAILED ACTION

The Office Action is responsive to the communication filed on 4/16/2024.

Claims 21-37 are pending.

Notice of Pre-AIA or AIA Status

The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

Allowable Subject Matter

Claims 21-37 are allowed.

The following is an examiner's statement of reasons for allowance:

Claims 21-36

Regarding claim 21, the prior art as described in the prosecution history describes:

21. (new) A fluid processing method, comprising:
- receiving, with a first computer system disposed at a first fluid-handling site, information comprising one or more properties of a first fluid from one or more sensors disposed at a first fluid tank itself disposed at the first fluid-handling site, the fluid-handling site comprising one or more fluid-handling devices, the one or more fluid-handling devices comprising one or more of a first pump, a first filter, and a first valve;
 - providing, with the first computer system disposed at a first fluid handling site, remote control of a first fluid-handling device of the one or more fluid-handling devices;

However, regarding claim 21, the prior art as described in the prosecution history does not describe:

receiving, with a server system, from the first computer system, via a network, a first fluid property of the one or more properties associated with the first fluid sensed by a first sensor of the one or more sensors;

obtaining, with the server system, credentials from a first client computing device;

determining, with the server system, based on the credentials, that a user of the first client computing device is authorized to interact with the first fluid handling site, wherein the server system hosts data about other fluid handling sites the user is not authorized to interact;

after the determination, providing, with the server system, via the network, information by which the first client computing device presents a user interface indicating the first fluid property, the first client computing device being remote from the server system and the first computer system;

receiving, with the server system, from the first client computing device, a first command to change a state of the first fluid-handling device; and

causing, with the server system, the first computer system disposed at the first

fluid handling site to effectuate the command by changing the state of the first fluid-handling device to a sequence of different target states that change over time.

Dependent claims 22-36 depend from independent claim 21 and are allowable for the same reasons as described above.

Claim 37

Regarding claim 37, the prior art as described in the prosecution history describes:

37. (new) A method, comprising:
measuring, with one or more sensors at a first fluid tank located at a first fluid-handling site, one or more properties associated with a first fluid;
receiving, with a first computer system disposed at a first fluid handling site, information associated with the one or more properties associated with the first fluid;
providing, with the first computer system, remote control of a first fluid-handling device of a plurality of fluid-handling devices, the first fluid-handling device comprising at least one of a first pump, a first filter, and a first valve;

However, regarding claim 37, the prior art as described in the prosecution history does not describe:

receiving, with a server system, from the first computer system, via a network, a first fluid property of the one or more properties associated with the first fluid sensed by a first sensor of the one or more sensors;

obtaining, with the server system, credentials from a first client computing device;
determining, with the server system, based on the credentials, that a user of the first client computing device is authorized to interact with the first fluid handling site,

wherein the server system hosts data about other fluid handling sites the user is not authorized to interact;

after the determination, providing, with the server system, via the network, information by which the first client computing device presents a user interface indicating the first fluid property, the first client computing device being remote from the server system and the first computer system;

receiving, with the server system, from the first client computing device, a first command to change a state of the first fluid-handling device; and

causing, with the server system, the first computer system disposed at the first fluid handling site to effectuate the command by changing the state of the first fluid-handling device to a sequence of different target states that change over time.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- U.S. Patent Application Publication No. 2015/0308244 describes a control system with a control computer for controlling a linear motor for a deep well oil pump.
- U.S. Patent Application Publication No. 2008/0316048 describes a well site data communication system for monitoring a well.
- U.S. Patent No. 8,667,091 describes a data acquisition and control system that allows a remote host to interface with remote and in-plant subsystems and services.
- U.S. Patent No. 9,709,995 describes a chemical injection system with a controller for translating signals between communication protocols.
- U.S. Patent No. 7,424,399 describes data visualization for sharing fluid data with authorized users.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHRISTOPHER E EVERETT whose telephone number is

(571)272-2851. The examiner can normally be reached Monday-Friday 8:00 am to 5:00 pm (Eastern).

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kenneth Lo can be reached on 571-272-9774. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: <https://patentcenter.uspto.gov>. Visit <https://www.uspto.gov/patents/apply/patent-center> for more information about Patent Center and <https://www.uspto.gov/patents/docx> for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Christopher E. Everett/
Primary Examiner, Art Unit 2116

Notice of References Cited	Application/Control No. 18/212,131	Applicant(s)/Patent Under Reexamination Phillips, Aaron	
	Examiner CHRISTOPHER E EVERETT	Art Unit 2116	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date YYYY-MM-DD	Name	CPC Classification	US Classification
*	A	US-20150308244-A1	2015-10-29	Cardamone; David P.	E21B47/008	700/282
*	B	US-20080316048-A1	2008-12-25	Abdallah; Raed H.	G01V11/002	340/854.6
*	C	US-8667091-B2	2014-03-04	Almadi; Solomon M	H04L67/10	709/219
*	D	US-9709995-B2	2017-07-18	Gutierrez; Francisco M.	G05B15/02	1/1
*	E	US-7424399-B2	2008-09-09	Kahn; Malcolm R.	G01N33/18	702/50
	F					
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date YYYY-MM-DD	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in YYYY-MM-DD format are publication dates. Classifications may be US or foreign.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/212,131	06/20/2023	Aaron Phillips	034392-0576394	5690
909	7590	06/25/2024	EXAMINER	
Pillsbury Winthrop Shaw Pittman, LLP			EVERETT, CHRISTOPHER E	
PO Box 10500			ART UNIT	PAPER NUMBER
McLean, VA 22102			2116	
			NOTIFICATION DATE	DELIVERY MODE
			06/25/2024	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docket_ip@pillsburylaw.com

APPLICATION NO.	ISSUE DATE	PATENT NO.
18/212,131	25-Jun-2024	12019461

Pillsbury Winthrop Shaw Pittman, LLP
PO Box 10500
McLean, VA 22102

EGRANT NOTIFICATION

Your electronic patent grant (eGrant) is now available, which can be accessed via Patent Center at <https://patentcenter.uspto.gov>

The electronic patent grant is the official patent grant under 35 U.S.C. 153. For more information, please visit <https://www.uspto.gov/electronicgrants>



APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/212,131	06/25/2024	12019461	034392-0576394	5690

909 7590 06/05/2024

Pillsbury Winthrop Shaw Pittman, LLP
PO Box 10500
McLean, VA 22102

ISSUE NOTIFICATION

The projected patent number and issue date are specified above. The patent will issue electronically. The electronically issued patent is the official patent grant pursuant to 35 U.S.C. § 153. The patent may be accessed on or after the issue date through Patent Center at <https://patentcenter.uspto.gov/>. The patent will be available in both the public and the private sides of Patent Center. Further assistance in electronically accessing the patent, or about Patent Center, is available by calling the Patent Electronic Business Center at 1-888-217-9197.

The USPTO is implementing electronic patent issuance with a transition period, during which period the USPTO will mail a ceremonial paper copy of the electronic patent grant to the correspondence address of record. Additional copies of the patent (i.e., certified and presentation copies) may be ordered for a fee from the USPTO's Certified Copy Center at <https://certifiedcopycenter.uspto.gov/index.html>. The Certified Copy Center may be reached at (800)972-6382.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Center (<https://patentcenter.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Patents Stakeholder Experience (OPSE), Stakeholder Support Division (SSD) at (571)-272-4200.

INVENTOR(s) (Please see PATENT CENTER site <https://patentcenter.uspto.gov> for additional inventors):

Aaron Phillips, Lubbock, TX;

APPLICANT(s) (Please see PATENT CENTER site <https://patentcenter.uspto.gov> for additional applicants):

SitePro, Inc., Lubbock, TX;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit [SelectUSA.gov](https://selectusa.gov).

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number		18212131
Filing Date		2023-06-20
First Named Inventor	Aaron Phillips	
Art Unit		TBA
Examiner Name	Not yet assigned	
Attorney Docket Number		034392-0576394

	16	20120310582	A1	2012-12-06	Tareq Nasser Al-Buaijan	
	17	20130030577	A1	2013-01-31	Jarrell, J. A., et al.	
	18	20130051238	A1	2013-02-28	Arturo Maria	
	19	20130079936	A1	2013-03-28	Cullen, B., et al.	
	20	20130133881	A1	2013-05-30	Boyles, G., et al.	
Change(s) applied to document, P.H./14/2024	21	20130201316	A1	2013-08-08	~~May Patents Ltd.~~ Binder et al.	
	22	20130211546	A1	2013-08-15	~~Rockwell Automation Technologies, Inc.~~ Lawson et al.	
	23	20140039697	A1	~~2013-02-06~~ 02/2014	~~Rain Bird Corporation~~ Weiler et al.	
	24	20150308244	A1	2015-10-29	~~Moog Inc.~~ Cardamone et al.	
	25	20120209540	A1	2012-08-16	Richardson, N., et al.	
	26	20230181818	A1	2023-06-15	~~DEKA Products Limited Partnership~~ Peret et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		18212131	
	Filing Date		2023-06-20	
	First Named Inventor	Aaron Phillips		
	Art Unit		TBA	
	Examiner Name	Not yet assigned		
	Attorney Docket Number		034392-0576394	

	5	20050108504	A1	2005-05-19	Cowin, G. L., et al.	
Change(s) applied to document, 6 P.H./ / 14/2024		20080316048	A1	12/2008 ~~2009-12-25~~	Raed H. Abdallah	
	7	20090055029	A1	2009-02-26	Roberson, A. L., et al.	
	8	20090149969	A1	2009-06-11	Slupphaug, O., et al.	
	9	20100312401	A1	2010-12-09	Gutierrez, F. M., et al.	
	10	20110051645	A1	2011-03-03	Hong, S. K., et al.	
	11	20110231024	A1	2011-09-22	Medizade, M., et al.	
	12	20110307203	A1	2011-12-15	Higgins, T. A., et al.	
	13	20120078896	A1	2012-03-29	Nixon, M., et al.	
	14	20120239211	A1	2012-09-20	Walker, R. L., et al.	
	15	20120310582	A1	2012-12-06	Tareq Nasser Al-Buaijan	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		18212131	
	Filing Date		2023-06-20	
	First Named Inventor	Aaron Phillips		
	Art Unit		TBA	
	Examiner Name	Not yet assigned		
	Attorney Docket Number		034392-0576394	

Change(s) applied to document, P.H./14/2024	31	9342078	B2	2016-05-17	Phillips ~~Amplisine Labs, LLC~~	
	32	9898014	B2	2018-02-20	Phillips ~~Amplisine Labs, LLC~~	
	33	10488871	B2	2019-11-26	Phillips ~~SitePro, Inc.~~	
	34	11175680	B2	2021-11-16	Phillips ~~SitePro, Inc.~~	
	35	11294403	B2	2022-04-05	Phillips ~~SitePro, Inc.~~	
	36	9360870	B2	2016-06-07	Lynch ~~Lynch Fluid Controls Inc.~~	
	37	8649907	B2	2014-02-11	Bulut Fethi Ersavas	
	38	8766806	B2	2014-07-01	Keith C. McDowell	
	39	7711486	B2	2010-05-04	Thigpen, B. L., et al.	
	40	8595652	B2	2013-11-26	Kevin A. Retlich	
	41	10030499	B2	2018-07-24	Paul J. Johnston	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	18212131
Filing Date	2023-06-20
First Named Inventor	Aaron Phillips
Art Unit	TBA
Examiner Name	Not yet assigned
Attorney Docket Number	034392-0576394

	20	8903558	B2	2014-12-02	Jarrell, J. A., et al.	
	21	8908531	B2	2014-12-09	Arturo Maria	
	22	9013322	B2	2015-04-21	Roberson, A. L., et al.	
Change(s) applied to document, 23 PH/ /14/2024		9363336	B2	2016-06-07	Lawson et al. ~~Rockwell Automation Technologies, Inc.~~	
	24	9468162	B2	2016-10-18	Weiler et al. ~~Rain Bird Corporation~~	
	25	9709995	B2	2017-07-18	Gutierrez et al. ~~Dresser, Inc.~~	
	26	10083249	B2	2018-09-25	Nixon, M., et al.	
	27	10188050	B2	2019-01-29	Walker et al. ~~Rain Bird Corporation~~	
	28	10677022	B2	2020-06-09	Fleming et al. ~~Landmark Graphics Corporation~~	
	29	10868867	B2	2020-12-15	Binder et al. ~~May Patents Ltd.~~	
	30	8649909	B2	2014-02-11	Phillips ~~Amplisense Labs, LLC~~	



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/212,131	06/20/2023	Aaron Phillips	034392-0576394	5690
909	7590	05/23/2024	EXAMINER	
Pillsbury Winthrop Shaw Pittman, LLP			EVERETT, CHRISTOPHER E	
PO Box 10500			ART UNIT	PAPER NUMBER
McLean, VA 22102			2116	
			NOTIFICATION DATE	DELIVERY MODE
			05/23/2024	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docket_ip@pillsburylaw.com

Corrected
Notice of Allowability

Application No.

18/212,131

Applicant(s)

Phillips, Aaron

Examiner

CHRISTOPHER E EVERETT

Art Unit

2116

AIA (FITF) Status

No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/8/2024.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are 21-37. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. _____.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

5. ☐ Examiner's Amendment/Comment

2. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____.

6. ☐ Examiner's Statement of Reasons for Allowance

3. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material _____.

7. ☒ Other PTO-271 Response to 312 Amendment.

4. ☐ Interview Summary (PTO-413),
Paper No./Mail Date. _____.

/Christopher E. Everett/
Primary Examiner, Art Unit 2116

Response to Rule 312 Communication	Application No. 18/212,131	Applicant(s) Phillips, Aaron	
	Examiner CHRISTOPHER E EVERETT	Art Unit 2116	AIA (FITF) Status No
-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address -- 1. ☒ The amendment filed on <u>08 May 2024</u> under 37 CFR 1.312 has been considered, and has been: a) ☐ entered. b) ☒ entered as directed to matters of form not affecting the scope of the invention. c) ☐ disapproved because the amendment was filed after the payment of the issue fee. Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue. d) ☐ disapproved. See explanation below. e) ☐ entered in part. See explanation below. f) ☐ not entered because the supplemental or corrected Application Data sheet (ADS) ☐ was not accompanied by a petition to accept an unintentionally delayed claim under 37 CFR 1.55 or 27 CFR 1.78; ☐ did not identify the information being changed in accordance with 37 CFR 1.76(c)(2); ☐ was not properly signed in accordance with 37 CFR 1.76(e) (or 37 CFR 1.33(b) for applications filed prior to September 16, 2012). _____			
/Christopher E. Everett/ Primary Examiner, Art Unit 2116			

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		18212131	
	Filing Date		2023-06-20	
	First Named Inventor	Aaron Phillips		
	Art Unit	2116		
	Examiner Name	Christopher E. Everett		
	Attorney Docket Number	034392-0576394		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		18212131
	Filing Date		2023-06-20
	First Named Inventor	Aaron Phillips	
	Art Unit	2116	
	Examiner Name	Christopher E. Everett	
	Attorney Docket Number	034392-0576394	

	1	SitePro, Inc. v. Waterbridge Resources, LLC, et al., Claim Construction Memorandum and Order, Civil No. 6:23-CV-115-ADA-DTG, Document 93, dated February 23, 2024, 123 pages.	☐
If you wish to add additional non-patent literature document citation information please click the Add button Add			
EXAMINER SIGNATURE			
Examiner Signature	/Christopher E. Everett/ (05/19/2024)		Date Considered 05/19/2024
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			
¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.			

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		18212131
	Filing Date		2023-06-20
	First Named Inventor	Aaron Phillips	
	Art Unit	2116	
	Examiner Name	Christopher E. Everett	
	Attorney Docket Number	034392-0576394	

CERTIFICATION STATEMENT			
Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):			
☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).			
OR			
☒ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).			
☐ See attached certification statement.			
☒ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.			
☐ A certification statement is not submitted herewith.			
SIGNATURE			
A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.			
Signature	/Joshua Tucker/	Date (YYYY-MM-DD)	2024-05-07
Name/Print	Joshua Tucker	Registration Number	63809
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

OK TO ENTER: /CEE/

Serial No. 18/212,131
Rule 312 Amendment**IN THE SPECIFICATION**

Please replace paragraph [001] in the specification with the following amended paragraph [001]:

[001] The present application is a continuation of U.S. Patent Application 17/681,373, issued as U.S. Patent 11,726,504, filed 25 February 2022, titled REMOTE CONTROL OF FLUID-HANDLING DEVICES, which is a continuation of U.S. Patent Application 17/513,539, issued as U.S. Patent 11,294,403, filed 28 October 2021, titled REMOTE CONTROL OF FLUID-HANDLING DEVICES. U.S. Patent Application 17/513,539 is a continuation of 16/656,319, issued as U.S. Patent 11,175,680, filed 17 October 2019, titled REMOTE CONTROL OF FLUID-HANDLING DEVICES, which is a continuation of U.S. Patent Application 15/867,077, issued as U.S. Patent 10,488,871, filed 10 January 2018, and titled REMOTE CONTROL OF FLUID-HANDLING DEVICES, which is a continuation of U.S. Patent Application 14/984,422, issued as U.S. Patent No. 9,898,014, filed 30 December 2015, and titled REMOTE CONTROL OF FLUID-HANDLING DEVICES, which is a continuation of U.S. Patent Application 14/147,190, issued as U.S. Patent 9,342,078, filed 03 January 2014, titled REMOTE CONTROL OF FLUID-HANDLING DEVICES, which is a continuation of U.S. Patent Application 13/708,557, issued as U.S. Patent 8,649,909, filed 07 December 2012, and titled REMOTE CONTROL OF FLUID-HANDLING DEVICES, the entire contents of each of which are hereby incorporated by reference for all purposes.