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

NOTICE OF ALLOWANCE AND FEE(S) DUE

26389 7590 07/06/2021 CHRISTENSEN O'CONNOR JOHNSON KINDNESS PLLC 1201 Third Avenue Suite 3600 Seattle, WA 98101 EXAMINER

WRIGHT, KIMBERLEY S

ART UNIT PAPER NUMBER

3637

DATE MAILED: 07/06/2021

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/041 806	07/22/2018	Ionathan Hurley	TOOL 170831	9136

TITLE OF INVENTION: INTERCHANGEABLE AND INTERCONNECTABLE TOOL ORGANIZING DEVICE

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	MICRO	\$300	\$0.00	\$0.00	\$300	10/06/2021

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 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity 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 and an extra copy of the form should be submitted. 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 EFS-Web. By fax, send to: (571)-273-2885

Mail Stop ISSUE FEE By mail, send to:

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

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 including the Patent, advance orders and notification of maintenance fees 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. 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 CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 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 26389 7590 07/06/2021 I hereby certify that this Fee(s) Transmittal is being deposited with the United CHRISTENSEN O'CONNOR JOHNSON KINDNESS PLLC States Postal Service with sufficient postage for first class mail in an envelope 1201 Third Avenue addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below. Suite 3600 (Typed or printed name Seattle, WA 98101 (Signature (Date APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 16/041 806 07/22/2018 Jonathan Hurley TOOL170831 9136 TITLE OF INVENTION: INTERCHANGEABLE AND INTERCONNECTABLE TOOL ORGANIZING DEVICE APPLN. TYPE **ENTITY STATUS** ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE MICRO \$300 \$0.00 \$0.00 \$300 10/06/2021 nonprovisional EXAMINER ART UNIT CLASS-SUBCLASS WRIGHT, KIMBERLEY S 3637 211-070600 1. Change of correspondence address or indication of "Fee Address" (37 For printing on the patent front page, list CFR 1.363). (1) The names of up to 3 registered patent attorneys or agents OR, alternatively, ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. (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 "Fee Address" indication (or "Fee Address" Indication form PTO/ listed, no name will be printed. SB/47; Rev 03-09 or more recent) attached. Use of a Customer Number is required. 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 ☐Issue Fee Publication Fee (if required) Advance Order - # of Copies _ 4a. Fees submitted: 4b. Method of Payment: (Please first reapply any previously paid fee shown above) Lectronic Payment via EFS-Web ☐ 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) NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue Applicant certifying micro entity status. See 37 CFR 1.29 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 Applicant asserting small entity status. See 37 CFR 1.27 to be a notification of loss of entitlement to micro entity status.

Page 2 of 3

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.

Applicant changing to regular undiscounted fee status.

Authorized Signature _

Typed or printed name _

Date _

Registration No. _

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro

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. 07/22/2018 16/041,806 TOOL170831 9136 Jonathan Hurley **EXAMINER** 07/06/2021 26389 7590 CHRISTENSEN O'CONNOR JOHNSON KINDNESS PLLC WRIGHT, KIMBERLEY S 1201 Third Avenue ART UNIT PAPER NUMBER Suite 3600 Seattle, WA 98101 3637 DATE MAILED: 07/06/2021

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. 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 disclosure of these records is required by the Freedom of Information Act.
- 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 inspection 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.

Notice of Allowability 16/041,806 Hurley, Jonathan	Э								
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 a reply filed 07/22/2018. 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	Э								
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									
3. The allowed claim(s) is/are 1-2,4-5 and 17-23. 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) \square All b) \square Some *c) \square None of the:									
 Certified copies of the priority documents have been received. 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), 6. ☐ Examiner's Statement of Reasons for Allowance									
Paper No./Mail Date 3. Examiner's Comment Regarding Requirement for Deposit 7. Other									
of Biological Material 4. ☐ Interview Summary (PTO-413), Paper No./Mail Date									
/KIMBERLEY S WRIGHT/ Primary Examiner, Art Unit 3637									

Doc code: IDS Doc description: Information Disclosure Statement (IDS) Filed PTO/SB/08a (02-18)
Approved for use through 11/30/2020. 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.

	Application Number		16041806	
	Filing Date		2018-07-21	
INFORMATION DISCLOSURE	First Named Inventor Jonath		nathan Hurley	
(Not for submission under 37 CFR 1.99)	Art Unit		3637	
(Not lot submission under or of K 1.55)	Examiner Name	Kimbe	erly S. Wright	
	Attorney Docket Number		TOOL170831	

				U.S.I	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	2066851	А	1937-01-05	Noyes et al.	
	2	4928821	A	1990-05-29	Belko, Jr.	
	3	5080230	А	1992-01-14	Winnard	
	4	5320223	А	1994-06-14	Allen	
	5	5544396	А	1996-08-13	Mekyska	
	6	5660276	А	1997-08-26	Winnard	
	7	6047824	А	2000-04-11	Winnard	
	8	6073766	A	2000-06-13	Winnard	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

			20,012,000	WIIO .	~~~
Application Number		16041806			
Filing Date		2018-07-21			
First Named Inventor	Jonat	han Hurley			
Art Unit		3637			
Examiner Name	Kimbe	erly S. Wright			
Attorney Docket Numb	er	TOOL170831			

9	6637082	B1	2003-10-28	Chang	
10	6719155	B1	2004-04-13	Chang	
11	7424958	B1	2008-09-16	Eley	
12	7735645	B2	2010-06-15	Joyce et al.	
13	8505720	B2	2013-08-13	Huang	
14	8739453	B1	2014-06-03	Conner	
15	10052754	B1	2018-08-21	Coleman, Jr. et al.	
16	10279467	B2	2019-05-07	Ou	
17	10335664	B2	2019-07-02	Jacques	
18	10625411	B2	2020-04-21	Tesoroni	
19	10675750	B1	2020-06-09	Winnard et al.	

INFORMATIO	N D	ISCL	OSURE
STATEMENT	BY	APPL	ICANT

Application Number		16041806
Filing Date		2018-07-21
First Named Inventor Jonath		han Hurley
Art Unit		3637
Examiner Name Kimbe		erly S. Wright
Attorney Docket Number		TOOL170831

(Not for submission under 37 CFR 1.99)

	20	10842264	B1	2020-11-24	Savryha et al.	
If you wis	h to add a	additional U.S. Paten			lease click the Add button.	Add
		T	U.S.P.	ATENT APPLI	CATION 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	20050258059	A1	2005-11-24	Joyce et al.	
	2	20060234846	A1	2006-10-19	Tucker	
	3	20150122750	A1	2015-05-07	Kao	
	4	20150251310	A1	2015-09-10	Ou	
	5	20150252827	A1	2015-09-10	Ou	
	6	20150273683	A1	2015-10-01	Ou	
	7	20160214254	A1	2016-07-28	Ou	
	8	20170190046	A1	2017-07-06	Winnard	

	Application Number		16041806	
INFORMATION BIGGI COURS	Filing Date		2018-07-21	
INFORMATION DISCLOSURE	First Named Inventor Jonath		athan Hurley	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		3637	
(Not for Submission under or of K 1.00)	Examiner Name	Examiner Name Kimberly S. Wright		
	Attorney Docket Number		TOOL170831	

				_								
	9 20170341218 A1 2017-11-30		Maruzzo et al.									
	10		20180326573	A1	A1 2018-11-15		Tesoroni					
	11		20180353830	A1	2018-12	<u>?</u> -13	Jacques	Jacques				
If you wis	l h to ac	dd ad	dditional U.S. Publ	 ished A	□ L oplication	citation	n information p	lease click the Add	Ld butto	n Add		
, , , , , , , , , ,							ENT DOCUM			Remove		
Examiner Initial*	Examiner Cite Foreign Document No Number³			Countr Code ²	untry K		Publication Date	Name of Patentee Applicant of cited Document		where Rele	or Relevant	T5
	1											
	2											
If you wis	h to ac	dd ac	dditional Foreign P	atent D	ocument	citation	information pl	ease click the Add	button	Add		
				NO	N-PATEN	NT LITE	RATURE DO	CUMENTS		Remove		
Examiner Initials*	Cite No	(bo	lude name of the a ok, magazine, jour blisher, city and/or	nal, ser	ial, symp	osium,	catalog, etc), c					T 5
	1											
If you wis	h to ac	dd ac	dditional non-pater	nt literati	ure docur	ment cit	tation informati	on please click the	Add b	outton Add	d	
					EX	AMINE	R SIGNATURI	E				
Examiner	Signa	ture	/8	IMBER	LEY S V	WRIGHT	r/	Date Conside	ered	06/2	4/2021	
			if reference consid formance and not o									

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number		16041806
Filing Date		2018-07-21
First Named Inventor Jonat		han Hurley
Art Unit		3637
Examiner Name	Kimbe	erly S. Wright
Attorney Docket Number		TOOL170831

¹ See Kind Codes of USPTO Patent Documents at <u>www.USPTO.GOV</u> 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		16041806
Filing Date		2018-07-21
First Named Inventor Jonati		han Hurley
Art Unit		3637
Examiner Name	Kimbe	erly S. Wright
Attorney Docket Number		TOOL170831

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	/Jerald E. Nagae/	Date (YYYY-MM-DD)	2021-06-16
Name/Print	Jerald E. Nagae	Registration Number	29418

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:

- 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 record s.
- 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.

Doc code: IDS Doc description: Information Disclosure Statement (IDS) Filed PTO/SB/08a (02-18)
Approved for use through 11/30/2020. 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	Application Number		16041806	
	Filing Date		2018-07-21	
	First Named Inventor	Jonati	han Hurley	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		3637	
(Not for Submission under or OTK 1.55)	Examiner Name	Kimberly S. Wright		
	Attorney Docket Number		TOOL170831	

	U.S.PATENTS Remove										
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue D)ate	of cited Document		Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear			
	1	5760668	A	1998-06	i -0 2	Testa et al.					
If you wisl	h to add	additional U.S. Pater	nt citatio	n inform	ation pl	ease click the	Add button.		Add		
			U.S.P.	ATENT	APPLIC	CATION PUBL	ICATIONS		Remove		
Examiner Initial*	Cite N	o Publication Number	Kind Code ¹	Publica Date	tion	of cited Document		Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear			
	1	20180137789	A1	2018-05	i-17	Murray, III et al.					
If you wisl	h to add	d additional U.S. Publi	shed Ap	plication	citation	n information p	lease click the Add	button	. Add		
				FOREIG	3N PAT	ENT DOCUM	ENTS		Remove		
Examiner Initial*		Foreign Document Number³	Country Code ² i		Kind Code ⁴	Publication Date	Name of Patentee Applicant of cited Document	or -	where Rel	or Relevant	T5
	1										
If you wisl	h to add	d additional Foreign Pa	atent Do	cument	citation	information pl	ease click the Add	button	Add		•
			NON	I-PATEN	NT LITE	RATURE DO	CUMENTS		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.								T5			

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number		16041806	
Filing Date		2018-07-21	
First Named Inventor	Jonati	han Hurley	
Art Unit		3637	
Examiner Name	Kimberly S. Wright		
Attorney Docket Number		TOOL170831	

	1		International Search Report and Written Opinion mailed February 22, 2021, issued in corresponding International Patent Application No. PCT/US2020/062792, filed December 2, 2020, 9 pages.						
f you wis	h to ac	ld add	itional non-patent literature document citation	n information	please click the Add button Add				
			EXAMINER SI	GNATURE					
Examiner	taminer Signature /KIMBERLEY S WRIGHT/ Date Considered 06/24/2021								
			reference considered, whether or not citation mance and not considered. Include copy of			ugh a			
Standard S1 Kind of doc	T.3). ³ F cument l	or Japa by the a	O Patent Documents at <u>www.USPTO.GOV</u> or MPEP 90 inese patent documents, the indication of the year of the appropriate symbols as indicated on the document under in its attached.	e reign of the Emp	peror must precede the serial number of the pa	atent document.			

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number		16041806		
Filing Date		2018-07-21		
First Named Inventor	Jonat	han Hurley		
Art Unit		3637		
Examiner Name	Kimbe	erly S. Wright		
Attorney Docket Number		TOOL170831		

\sim EDT	TEICATI	ОМ СТ	ATEMENT
CERI	IFICATI	UN 31/	4 I CMICNI

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	/Jerald E. Nagae/	Date (YYYY-MM-DD)	2021-03-24
Name/Print	Jerald Nagae	Registration Number	29418

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:

- 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 record s.
- 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.