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| | | | PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB) | | | | |
| L23 | 19 | L22 AND ( (G06Q10/107 OR G06Q10/10 OR H04L51/08 OR H04L51/14 OR H04L51/34 OR H04L51/12 OR H04L51/22 OR H04L51/00 OR H04L51/18 OR H04L51/06).cpc.) | (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB) | OR | ON | ON | 2022/03/29 07:17 PM |
| L24 | 19 | L22 AND ( (G06Q10/107 OR G06Q10/10 OR H04L51/08 OR H04L51/14 OR H04L51/34 OR H04L51/12 OR H04L51/22 OR H04L51/00 OR H04L51/18 OR H04L51/06).cpc.) AND (detect$4 determin$4 identify$5) near9 (indicat$4 select$4 click$4) near9 (hyperlink$4 link$4 url urls) near9 (email$4 e-mail$4) WITH (folder$4 file$4) AND @ad<"20120922" | (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB) | OR | ON | ON | 2022/03/29 07:18 PM |
| L25 | 19 | ( (G06Q10/107 OR G06Q10/10 OR H04L51/08 OR H04L51/14 OR H04L51/34 OR H04L51/12 OR H04L51/22 OR H04L51/00 OR H04L51/18 OR H04L51/06).cpc.) AND (detect$4 determin$4 identify$5) near9 (indicat$4 select$4 click$4) near9 (hyperlink$4 link$4 url | (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; | OR | ON | ON | 2022/03/29 07:24 PM |

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| | | urls) near9 (email$4 e-mail$4) WITH (folder$4 file$4) AND @ad<"20120922" | IBM_TDB) | | | | |
| L26 | 307221 | ( (G06Q10/107 OR G06Q10/10 OR H04L51/08 OR H04L51/14 OR H04L51/34 OR H04L51/12 OR H04L51/22 OR H04L51/00 OR H04L51/18 OR H04L51/06).cpc.) | (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB) | OR | ON | ON | 2022/03/29 07:35 PM |
| L27 | 28 | ( (G06Q10/107 OR G06Q10/10 OR H04L51/08 OR H04L51/14 OR H04L51/34 OR H04L51/12 OR H04L51/22 OR H04L51/00 OR H04L51/18 OR H04L51/06).cpc.) AND (email$4 e-mail$5) WITH (attach$6) AND (shar$4 WITH (file$4 folder$4)) AND (prewrit$4 pre-writ$4 prefill$4 pre-fill$4) AND @ad<"20120922" | (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB) | OR | ON | ON | 2022/03/29 07:36 PM |
| L28 | 211 | ((track$4 monitor$5 trace$4 detect$4 determin$4 identify$5) near9 (indicat$4 select$4 click$4) near9 (hyperlink$4 link$4 url urls) near2 (email$4 e-mail$4 messag$5 (electronic$4 adj2 (mail$4 messag$4)))) AND (shar$5 WITH (folder$4 file$4)) AND @ad<"20120922" | (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB) | OR | ON | ON | 2022/03/29 07:38 PM |
| L29 | 42 | ( (G06Q10/107 OR G06Q10/10 OR H04L51/08 OR H04L51/14 OR | (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, | OR | ON | ON | 2022/03/29 07:47 PM |

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| | | H04L51/34 OR H04L51/12 OR H04L51/22 OR H04L51/00 OR H04L51/18 OR H04L51/06).cpc.) AND ((track$4 monitor$5 trace$4 detect$4 determin$4 identify$5) near9 (indicat$4 select$4 click$4) near9 (hyperlink$4 link$4 url urls) near2 (email$4 e-mail$4 messag$5 (electronic$4 adj2 (mail$4 messag$4)))) AND (shar$5 WITH (folder$4 file$4)) AND @ad<"20120922" | CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB) | | | | |
| L30 | 141074 | ( (H04L51/22 OR H04L51/08 OR H04L67/22 OR H04L51/12 OR H04L51/32).cpc.) | (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB) | OR | ON | ON | 2022/03/29 07:51 PM |
| L31 | 32 | ( (H04L51/22 OR H04L51/08 OR H04L67/22 OR H04L51/12 OR H04L51/32).cpc.) AND ((track$4 monitor$5 trace$4 detect$4 determin$4 identify$5) near9 (indicat$4 select$4 click$4) near9 (hyperlink$4 link$4 url urls) near2 (email$4 e-mail$4 messag$5 (electronic$4 adj2 (mail$4 messag$4)))) AND (shar$5 WITH (folder$4 file$4)) AND @ad<"20120922" | (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB) | OR | ON | ON | 2022/03/29 07:55 PM |

## PE2E SEARCH - Search History (Interference)

There are no Interference searches to show.

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
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**( Not for submission under 37 CFR 1.99)**

| | |
|---|---|
| Application Number | 17187621 |
| Filing Date | 2021-02-26 |
| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

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| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

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| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

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| | Attorney Docket Number | DR0149E-CIP |

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**EXAMINER SIGNATURE**

| Examiner Signature | /JUNGWON CHANG/ | Date Considered | 03/29/2022 |
|---|---|---|---|

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| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

**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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-03-14 |
|---|---|---|---|
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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:

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 record s.

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.



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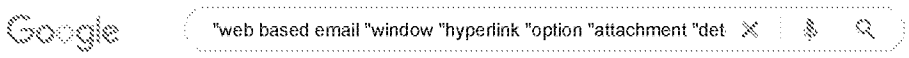
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**( Not for submission under 37 CFR 1.99)**

| | |
|---|---|
| Application Number | 17187621 |
| Filing Date | 2021-02-26 |
| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

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| | Attorney Docket Number | DR0149E-CIP |

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| | 1 | Viperior, "How to Share a Dropbox Folder - Tutorial [HD] 2012" Youtube Video, Mar 21, 2012 | |
| | 2 | Web Design and Development Languages (https://web.archive.org/web/20110412042344/https://www.affordableusabilitv.com/web-design/languages.html) Apr 12, 2011 | |
| | 3 | Web Send (https://web.archive.org/web/20070626170056/https://www.attachmore.com/Upload.aspx) Jun 26, 2007 | |
| | 4 | Website, "What are App Links?" May 8, 2014, Redth.codes, available at https://redth.codes/what-are-app-links/#:~:text=In%20a%20nutshell,to%20within%20a%20mobile%20app. | |
| | 5 | What is Dropbox? (https://web.archive.org/web/20110617050204/http://www.dropbox.com/tour) Jun 17, 2011 | |
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| | 12 | Xdrive (https://web.archive.org/web/20030728011544/https://www.xdrive.com/) Jul 29, 2003 |
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| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

**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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-03-14 |
|---|---|---|---|
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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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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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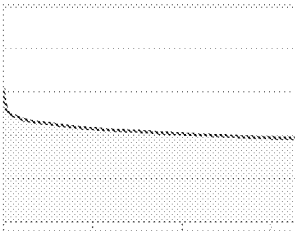
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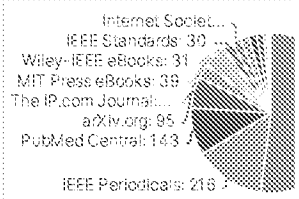
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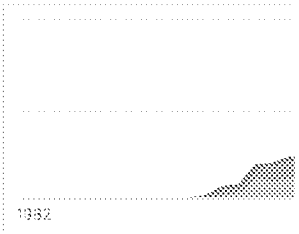
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# REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
## (Submitted Only via EFS-Web)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Application Number | 17/187,621 | Filing Date | 2021-02-26 | Docket Number (if applicable) | DR0149E-CIP | Art Unit | 2454 |
| First Named Inventor | Robert Paul Morris | | | Examiner Name | Jungwon CHANG | | |

**This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.**
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

### SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

- ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ☐ Other _____

☒ Enclosed

- ☒ Amendment/Reply
- ☐ Information Disclosure Statement (IDS)
- ☐ Affidavit(s)/ Declaration(s)
- ☐ Other _____

### MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____ (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

### FEES

☒ **The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.**
The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 504964

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

Applicant Signature

Doc code: RCEX
Doc description: Request for Continued Examination (RCE)

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Approved for use through 05/31/2024. OMB 0651-0031
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| Signature of Registered U.S. Patent Practitioner | | | |
|---|---|---|---|
| Signature | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-07-01 |
| Name | Patrick Caldwell | Registration Number | 44580 |

This collection of information is required by 37 CFR 1.114. 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 1.11 and 1.14. This collection is estimated to take 12 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, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

# Privacy Act Statement

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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).

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

| | |
|---|---|
| In re Application of: | Confirmation No.: 6735 |
| Robert Paul Morris | Examiner: Jungwon CHANG |
| Application No.: 17/187,621 | Art Unit: 2454 |
| File Date: 2021-02-26 | Docket No.: DR0149E-CIP |
| Title: METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION | Date: July 1, 2022 |

**AMENDMENT (37 CFR 1.112) WITH RCE (37 CFR 1.114)**

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

Examiner:

In response to the communication mailed 2022-04-04 (hereafter "Final Office Action" or "FOA"), please consider the following amendments believed to place the claims in condition for allowance.

— **Amendments to the Claims** are reflected in the listing of the claims that begins on page 2 of this paper.

— **Remarks/Arguments** begin on page 12 of this paper.

**Amendments to the Claims:**

This listing of claims replaces all prior versions and listings of claims in the application:

1. (Previously Presented) A method, comprising:

causing, at a first node, display of:

a first user interface element, utilizing first hypertext markup language-equipped data, for collecting information for at least one folder,

a second user interface element, utilizing second hypertext markup language-equipped data, for collecting at least one object associated with at least one email address, the at least one object associated with at least one email address being the at least one email address or an alias associated with the at least one email address, and

a third user interface element, utilizing the second hypertext markup language-equipped data, for detecting an indication of a selection thereof to cause an initiation of a sharing of the at least one folder;

causing, at a second node, receipt of at least one email, based on the information for the at least one folder, the at least one object associated with the at least one email address, and the detection of the indication of the selection of the third user interface element to cause the initiation of the sharing of the at least one folder, where the at least one email:

identifies the information for the at least one folder,

includes an Hypertext Transfer Protocol (HTTP) link,

does not include a file attachment, for avoiding at least one file from being communicated to and stored at the second node until an initiation of the communication of the at least one file by a user of the second node is detected and the communication commences via at least one server that stores the at least one file,

is at least partially pre-written, and

is automatically caused to be received without requiring user involvement after the detection of the indication of the selection of the third user interface element to cause the initiation of the sharing of the at least one folder;

based on a detection of an indication that the HTTP link of the at least one email has been selected, causing, at the second node, sending, to at least one server, of a signal for causing creation of a first representation of the at least one folder, in a location among one or more folders, that is stored at the at least one server and that is displayable via at least one web page;

causing, at the second node, receipt of the at least one web page, that results in display, at the second node and via the at least one web page, the first representation of the at least one folder that is stored at the at least one server; and

causing, at the second node, receipt of code for storage at the second node and cooperation with a file explorer interface of a client-based file explorer application, for being utilized to:

cause creation of a second representation of the at least one folder, in a location among one or more folders, that is stored at the second node and that

is displayable via the file explorer interface of the client-based file explorer application, where first metadata corresponding to the least one folder that is stored at the at least one server is synchronized, utilizing the code, with second metadata corresponding to the at least one folder that is stored at the second node.

2. (Original) The method of Claim 1, wherein the creation of the second representation of the at least one folder is caused, based on the first metadata.

3. (Previously Presented) The method of Claim 1, wherein the HTTP link is included in a hyperlink in the at least one email, and the at least one folder is a created folder or an existing folder.

4. (Original) The method of Claim 3, wherein the hyperlink is included in Hypertext Markup Language (HTML) included in the at least one email, the HTML specifying a user-selectable input control presented in the at least one email.

5. (Original) The method of Claim 1, wherein the signal includes an HTTP request.

6. (Original) The method of Claim 1, wherein the one or more folders that is stored at the at least one server are associated with a communicant represented by the second node.

7. (Original) The method of Claim 1, wherein, at a time of sending, to the at least one server, of the signal, one or more representations for the one or more folders that is stored at the at least one server already exist in the location among the one or more folders that is stored at the second node.

8. (Original) The method of Claim 1, wherein the synchronization is via a network file system or a network file system protocol.

9. (Original) The method of Claim 1, wherein the second representation is created based on the synchronization.

10. (Original) The method of Claim 1, wherein at least a portion of the second metadata is caused to be cached at the second node.

11. (Original) The method of Claim 1, wherein at least a portion of contents of the at least one folder is caused to be cached at the second node.

12. (Original) The method of Claim 1, and further comprising:

at the second node:

detecting a change to the first representation of the at least one folder, such that, based on the change, the second representation of the at least one folder is displayed to be changed via the file explorer interface of the client-based file explorer application, in response to an access thereto via the file explorer interface of the client-based file explorer application.

13. (Original) The method of Claim 1, and further comprising:

at the second node:

detecting a change to first contents of the at least one folder associated with the first representation, such that, based on the change, second contents of the at least one folder associated with the second representation is displayed to be changed via the file explorer interface of the client-based file explorer application, in response to an access thereto via the file explorer interface of the client-based file explorer application.

14. (Original) The method of Claim 13, wherein the access to the first contents is capable of being configured to be read-only.

15. (Original) The method of Claim 13, wherein the access to the second contents is capable of being configured to be read-only.

16. (Original) The method of Claim 13, wherein the change includes at least one of: an addition, a deletion, or a movement.

17. (Original) The method of Claim 1, and further comprising:

at the second node:

detecting a change to first contents of the at least one folder associated with the second representation, such that, based on the change, second contents of the at least one folder associated with the first representation is displayed to be changed via one or more web pages, in response to an access thereto via the one or more web pages.

18. (Original) The method of Claim 1, wherein the email and the file explorer interface are displayed via separate interfaces for permitting access to the at least one folder via multiple different interfaces based on the detection of the indication that the HTTP link has been selected.

19. (Currently Amended) A non-transitory computer readable medium comprising:

first instructions stored on the non-transitory computer readable medium for, when utilized by one or more processors of a first node:

causing, at the first node, display of:

a first user interface element, utilizing first hypertext markup language-equipped data, for collecting information for at least one folder,

a second user interface element, utilizing second hypertext markup language-equipped data, for collecting at least one object associated with at least one email address, the at least one object associated with at least one email address being the at least one email address or an alias associated with the at least one email address, and

a third user interface element, utilizing the second hypertext markup language-equipped data, for detecting an indication of a selection thereof to cause an initiation of a sharing of the at least one folder;

second instructions stored on the non-transitory computer readable medium for, when utilized by one or more processors of a second node:

causing, at the second node, receipt of at least one email, based on the information for the at least one folder, the at least one object associated with the at least one email address, and the detection of the indication of the selection of the third user interface element to cause the initiation of the sharing of the at least one folder, where the at least one email:

identifies the information for the at least one folder,

includes an Hypertext Transfer Protocol (HTTP) link,

does not include a file attachment, for avoiding at least one file from being communicated to and stored at the second node until an initiation of the communication of the at least one file by a user of the second node is detected and the communication commences via at least one server that stores the at least one file,

~~is at least partially pre-written,~~ and

is automatically caused to be received without requiring user involvement after the detection of the indication of the selection of the third user interface element to cause the initiation of the sharing of the at least one folder;

based on a detection of an indication that the HTTP link of the at least one email has been selected, causing, at the second node, sending, to at least one server, of a signal for causing creation of a first representation of the at least one folder, in a location among one or more folders, that is stored at the at least one server and that is displayable via at least one web page;

causing, at the second node, receipt of the at least one web page, that results in display, at the second node and via the at least one web page, the first representation of the at least one folder that is stored at the at least one server; and

causing, at the second node, receipt of code for storage at the second node and cooperation with a file explorer interface of a client-based file explorer application, for being utilized to:

cause creation of a second representation of the at least one folder, in a location among one or more folders, that is stored at the second node and that

is displayable via the file explorer interface of the client-based file explorer application, where first metadata corresponding to the least one folder that is stored at the at least one server is synchronized, utilizing the code, with second metadata corresponding to the at least one folder that is stored at the second node.

20. (Previously Presented) A method, comprising:

causing, at a first node, display of:

a first user interface element that includes a textbox, utilizing first hypertext markup language-equipped data, for collecting a file request description for at least one file,

a second user interface element, utilizing the first hypertext markup language-equipped data, for enabling collection of an indication of at least one of a date or a time,

a third user interface element, utilizing second hypertext markup language-equipped data, for collecting at least one object associated with at least one email address, the at least one object associated with at least one email address being the at least one email address or an alias associated with the at least one email address, and

a fourth user interface element, utilizing the second hypertext markup language-equipped data, for detecting an indication of a selection thereof to cause an initiation of a request for the at least one file;

causing, at a second node, receipt of a first email, based on the file request description for the at least one file, the at least one object associated with the at least one email address, and the detection of the indication of the selection of the fourth user interface element to cause the initiation of the request for the at least one file, where the first email includes:

at least one sentence including the file request description for the at least one file, and

a fifth user interface element for detecting an indication of a selection thereof;

based on the detection of the indication of the selection of the fifth user interface element of the first email, causing, at the second node, display of:

a sixth user interface element, utilizing third hypertext markup language-equipped data, for collecting an indication of at least one file, and

a seventh user interface element, utilizing the third hypertext markup language-equipped data, for detecting an indication of a selection thereof;

based on the detection of the indication of the selection of the seventh user interface element, causing, at the second node, sending, to at least one server, of a signal for causing creation of a first representation of the at least one file, in a location among one or more folders, that is stored at the at least one server and that is displayable via at least one web page;

causing, at the first node, receipt of a second email, based on the detection of the indication of the selection of the seventh user interface element, where the second email:

includes an eighth user interface element for detecting an indication of a selection thereof,

does not include a file attachment, for avoiding the at least one file from being communicated to and stored at the first node via the second email, and

is automatically caused to be received without requiring further user involvement after the detection of the indication of the selection of the seventh user interface element;

based on the detection of the indication of the selection of the eighth user interface element of the second email, causing, at the first node, receipt of the at least one web page, that results in display, at the first node and via the at least one web page, of a file structure that permits access to the first representation of the at least one file that is stored at the at least one server;

causing, at the first node, receipt of code for storage at the first node and cooperation with a file explorer interface of a client-based file explorer application, for being utilized to:

based on the detection of the indication of the selection of the seventh user interface element of the second email, cause creation of a second representation of the at least one file, in a location among one or more folders, that is stored at the first node and that is displayable via the file explorer interface of the client-based file explorer application, where first metadata corresponding to the least one file that is stored at the at least one server is synchronized, utilizing the code, with second metadata corresponding to the at least one file that is stored at the first node.

**Remarks:**

Claims 1-20 were pending.

Claim 19 is amended herein. No new matter is introduced. Claims 1-20 are now pending, including independent claims 1, 19, and 20.

**Conclusion**

Claims 1-20 are in condition for allowance per the claim amendments herein.

However, the absence of a reply to a specific rejection, issue, or comment does not signify agreement with or concession of that rejection, issue, or comment. In addition, because the arguments made above may not be exhaustive, there may be reasons for patentability of any or all pending claims (or other claims) that have not been expressed. Still yet, nothing in this reply should be construed as intention to concede any issue with regard to any claim, except as specifically stated in this reply. Finally, it should be noted that no claims are intended to be construed under 35 U.S.C 112, paragraph 6.

In the event a telephone conversation would expedite the prosecution of this application, the Examiner may reach the undersigned at the contact information below. Applicant does not believe that any additional fees are due. However, in the event that any other fees are due, the Director is hereby authorized to charge any required fees due (other than issue fees), and to credit any overpayment made, in connection with the filing of this paper to Deposit Account No. 50-4964 (Order No. DR0149E-CIP).

Respectfully submitted,



Dated: 01 Jul 2022

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UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
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# ELECTRONIC ACKNOWLEDGEMENT RECEIPT

| APPLICATION # | RECEIPT DATE / TIME | ATTORNEY DOCKET # |
|---|---|---|
| **17/187,621** | **07/01/2022 05:30:01 PM ET** | **DR0149E-CIP** |

## Title of Invention

METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

## Application Information

| | | | |
|---|---|---|---|
| APPLICATION TYPE | Utility - Nonprovisional Application under 35 USC 111(a) | PATENT # | - |
| CONFIRMATION # | 6735 | FILED BY | Patrick Caldwell |
| PATENT CENTER # | 60757536 | FILING DATE | 02/26/2021 |
| CUSTOMER # | 92045 | FIRST NAMED INVENTOR | Robert Paul Morris |
| CORRESPONDENCE ADDRESS | - | AUTHORIZED BY | - |

## Documents

**TOTAL DOCUMENTS: 4**

| DOCUMENT | | PAGES | DESCRIPTION | SIZE (KB) |
|---|---|---|---|---|
| DR0149E-CIP_RCE_20220701_vF.pdf | | 3 | Request for Continued Examination (RCE) | 1642 KB |
| DR0149E-CIP_OfficeActionResp_vF_01-Jul-2022.pdf | | 13 | - | 95 KB |
| DR0149E-CIP_OfficeActionResp_vF_01-Jul-2022-AMSB.pdf | (1-1) | 1 | Amendment Submitted/Entered with Filing of Continued Prosecution Application (CPA)/Request for Continued Examination(RCE) | 41 KB |
| DR0149E- | (2-11) | 10 | Claims | 70 KB |

| | | | | |
|---|---|---|---|---|
| CIP_OfficeActionResp_vF_01-Jul-2022-CLM.pdf | | | | |
| DR0149E-CIP_OfficeActionResp_vF_01-Jul-2022-AMSB.pdf | (12-13) | 2 | Amendment Submitted/Entered with Filing of Continued Prosecution Application (CPA)/Request for Continued Examination(RCE) | 53 KB |

## Digest

| DOCUMENT | MESSAGE DIGEST(SHA-512) |
|---|---|
| DR0149E-CIP_RCE_20220701_vF.pdf | 36C193CA031A739E7F4B82D989F8013124C221E54747520AA0554923A7A6FFCB3F3C42449C9DE1E8884E9A327BA676526C6DBE88CF7B65F0012156D573890242 |
| DR0149E-CIP_OfficeActionResp_vF_01-Jul-2022.pdf | 4AE6BE1BCFEF43B7B67ABCD29DD61B535B099C442D24F5B6CC91A40AFD12077F76F73C0B9CAFB9877FD7A25687D2D577F0CA067F76AE564D6AC5FADEE9E22A9B |
| DR0149E-CIP_OfficeActionResp_vF_01-Jul-2022-AMSB.pdf | D511394D4CF94B423C827AA63E6DE0E5BBC54E07E67FD95913222F6F655A572C3882B8FE4A17DD03702A2F1088CD56B38975B4B98E24DBF319CD0FC32BD76D2D |
| DR0149E-CIP_OfficeActionResp_vF_01-Jul-2022-CLM.pdf | 6EDACDFCB23327B968ACB9B8063C63E400B070B1736C2B3B8FEFC7109E4F8324C73998CCC2DAABF15D77DD057D0C4393F7865A226EF6CA127D62D87F079302C6 |
| DR0149E-CIP_OfficeActionResp_vF_01-Jul-2022-AMSB.pdf | 30835B7497C41C8F3FC32017E2803C32FD8F21C17143E623B7A210336833B457996BC4F30ABC4CE930947CCC5F4FDEDA7EE773F9D34C52CF538E4A5C441F221A |

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.

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# ELECTRONIC PAYMENT RECEIPT

| APPLICATION # | RECEIPT DATE / TIME | ATTORNEY DOCKET # |
|---|---|---|
| 17/187,621 | 07/01/2022 05:30:01 PM ET | DR0149E-CIP |

## Title of Invention

METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

## Application Information

| | | | |
|---|---|---|---|
| APPLICATION TYPE | Utility - Nonprovisional Application under 35 USC 111(a) | PATENT # | - |
| CONFIRMATION # | 6735 | FILED BY | Patrick Caldwell |
| PATENT CENTER # | 60757536 | AUTHORIZED BY | - |
| CUSTOMER # | 92045 | FILING DATE | 02/26/2021 |
| CORRESPONDENCE ADDRESS | - | FIRST NAMED INVENTOR | Robert Paul Morris |

## Payment Information

| PAYMENT METHOD | PAYMENT TRANSACTION ID | PAYMENT AUTHORIZED BY |
|---|---|---|
| CARD / 0581 | E202271H30382776 | Patrick Caldwell |

| FEE CODE | DESCRIPTION | ITEM PRICE($) | QUANTITY | ITEM TOTAL($) |
|---|---|---|---|---|
| 2801 | REQUEST FOR CONTINUED EXAMINATION (RCE) - 1ST REQUEST (SEE 37 CFR 1.114) | 680.00 | 1 | 680.00 |
| | | | TOTAL AMOUNT: | $680.00 |

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.

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
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 displays a valid OMB control number.

| PATENT APPLICATION FEE DETERMINATION RECORD<br>Substitute for Form PTO-875 | Application or Docket Number<br>17/187,621 | Filing Date<br>02/26/2021 | ☐ To be Mailed |
|---|---|---|---|

**ENTITY:** ☐ LARGE ☑ SMALL ☐ MICRO

## APPLICATION AS FILED - PART I

| FOR | (Column 1)<br>NUMBER FILED | (Column 2)<br>NUMBER EXTRA | | RATE ($) | FEE ($) |
|---|---|---|---|---|---|
| ☐ BASIC FEE<br>(37 CFR 1.16(a), (b), or (c)) | N/A | N/A | | N/A | |
| ☐ SEARCH FEE<br>(37 CFR 1.16(k), (i), or (m)) | N/A | N/A | | N/A | |
| ☐ EXAMINATION FEE<br>(37 CFR 1.16(o), (p), or (q)) | N/A | N/A | | N/A | |
| TOTAL CLAIMS<br>(37 CFR 1.16(i)) | minus 20 = | * | | x $50 = | |
| INDEPENDENT CLAIMS<br>(37 CFR 1.16(h)) | minus 3 = | * | | x $240 = | |
| ☐ APPLICATION SIZE FEE (37 CFR 1.16(s)) | If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | |
| ☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j)) | | | | | |
| * If the difference in column 1 is less than zero, enter "0" in column 2. | | | | TOTAL | |

## APPLICATION AS AMENDED - PART II

| | | (Column 1) | | (Column 2) | (Column 3) | | | |
|---|---|---|---|---|---|---|---|---|
| AMENDMENT | 07/11/2022 | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | | RATE ($) | ADDITIONAL FEE ($) |
| | Total<br>(37 CFR 1.16(i)) | * 25 | Minus | ** 24 | = 1 | | x $50 = | 50 |
| | Independent<br>(37 CFR 1.16(h)) | * 6 | Minus | *** 3 | = 3 | | x $240 = | 720 |
| | ☐ Application Size Fee (37 CFR 1.16(s)) | | | | | | | |
| | ☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | | | |
| | | | | | | | TOTAL ADD'L FEE | 770 |

| | | (Column 1) | | (Column 2) | (Column 3) | | | |
|---|---|---|---|---|---|---|---|---|
| AMENDMENT | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | | RATE ($) | ADDITIONAL FEE ($) |
| | Total<br>(37 CFR 1.16(i)) | * | Minus | ** | = | | x $0 = | |
| | Independent<br>(37 CFR 1.16(h)) | * | Minus | *** | = | | x $0 = | |
| | ☐ Application Size Fee (37 CFR 1.16(s)) | | | | | | | |
| | ☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | | | |
| | | | | | | | TOTAL ADD'L FEE | |

| | |
|---|---|
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. | SLIE |
| ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". | /DIANIECE M JACOBS/ |
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# ELECTRONIC PAYMENT RECEIPT

| APPLICATION # | RECEIPT DATE / TIME | ATTORNEY DOCKET # |
|---|---|---|
| 17/187,621 | 07/11/2022 07:35:26 PM ET | DR0149E-CIP |

## Title of Invention

METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

## Application Information

| | | | |
|---|---|---|---|
| APPLICATION TYPE | Utility - Nonprovisional Application under 35 USC 111(a) | PATENT # | - |
| CONFIRMATION # | 6735 | FILED BY | Patrick Caldwell |
| PATENT CENTER # | 60774882 | AUTHORIZED BY | - |
| CUSTOMER # | 92045 | FILING DATE | 02/26/2021 |
| CORRESPONDENCE ADDRESS | - | FIRST NAMED INVENTOR | Robert Paul Morris |

## Payment Information

| PAYMENT METHOD | PAYMENT TRANSACTION ID | PAYMENT AUTHORIZED BY |
|---|---|---|
| CARD / 0581 | E20227AJ35543999 | Patrick Caldwell |

| FEE CODE | DESCRIPTION | ITEM PRICE($) | QUANTITY | ITEM TOTAL($) |
|---|---|---|---|---|
| 2202 | EACH CLAIM IN EXCESS OF 20 | 50.00 | 4 | 200.00 |
| 2201 | EACH INDEPENDENT CLAIM IN EXCESS OF THREE | 240.00 | 3 | 720.00 |
| | | | TOTAL AMOUNT: | $920.00 |

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# ELECTRONIC ACKNOWLEDGEMENT RECEIPT

| APPLICATION # | RECEIPT DATE / TIME | ATTORNEY DOCKET # |
|---|---|---|
| **17/187,621** | **07/11/2022 07:35:26 PM ET** | **DR0149E-CIP** |

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| CUSTOMER # | 92045 | FIRST NAMED INVENTOR | Robert Paul Morris |
| CORRESPONDENCE ADDRESS | - | AUTHORIZED BY | - |

## Documents

**TOTAL DOCUMENTS: 1**

| DOCUMENT | PAGES | DESCRIPTION | SIZE (KB) |
|---|---|---|---|
| DR0149E-CIP_Subst_Amendment_vF_11-Jul-2022.pdf | 20 | Supplemental Response or Supplemental Amendment | 106 KB |

## Digest

| DOCUMENT | MESSAGE DIGEST(SHA-512) |
|---|---|
| DR0149E-CIP_Subst_Amendment_vF_11-Jul-2022.pdf | 24594C583BDD18AE9965E175E8DDFCB820D706298EA46598E727A3C2226AAE8A9E352F482A3DE279E025CCC2038BC7F1503ECF9EEDDBE3C1C834EE418C8DF43E |

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | |
|---|---|
| In re Application of:<br><br>Robert Paul Morris<br><br>Application No.: 17/187,621<br><br>File Date: 2021-02-26<br><br>Title: METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION | Confirmation No.: 6735<br><br>Examiner: Jungwon CHANG<br><br>Art Unit: 2454<br><br>Docket No.: DR0149E-CIP<br><br>Date: July 11, 2022 |

**SUPPLEMENTAL AMENDMENT**

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

Examiner:

In response to the communication mailed 2022-04-04 (hereafter "Final Office Action" or "FOA") and as a supplement to the Amendment filed 2022-07-01, please consider the following amendments believed to place the claims in condition for allowance.

**Amendments to the Claims:**

This listing of claims replaces all prior versions and listings of claims in the application:

1-20. (Cancelled)

21. (New) An apparatus, comprising:

at least one non-transitory memory storing instructions; and

one or more processors in communication with the at least one non-transitory memory, wherein the one or more processors execute the instructions to:

cause, at a first node, display of a first interface with a first user interface element;

receive, from the first node via at least one network, an indication of at least one folder via the first user interface element, utilizing the first interface;

cause, at the first node, display of a second interface with a second user interface element;

receive, from the first node via the at least one network, indicia associated with at least one email address via the second user interface element, utilizing the second interface;

receive, from the first node via the at least one network, an indication to share the at least one folder;

based on the receipt of the indication of the at least one folder, the indicia associated with the at least one email address, and the indication to share the at least one folder via the at least one network; generate at least one email message identifying the at least one folder and including a reference to the at least one folder, without including at least one file in the at least one folder as an attachment of the at least one email message;

send, to a second node via the at least one network, the at least one email message, without including the at least one file in the at least one folder as an attachment of the at least one email message;

based on the receipt of the indication of the at least one folder, the indicia associated with the at least one email address, and the indication to share the at least one folder via the at least one network; cause, utilizing code configured to be stored on a storage at the second node and further configured to cooperate with a file explorer interface, creation of a representation of the at least one folder in a location among one or more folders on the file explorer interface, where the storage at the second node does not store the at least one file when the creation of the representation of the at least one folder is caused;

detect, at the second node, an indication to open the at least one file in the at least one folder; and

in response to detection of the indication to open the at least one file in the at least one folder, cause retrieval of the at least one file via the at least one network for permitting display of the at least one file at the second node.

22. (New) The apparatus of claim 21, wherein the apparatus is configured such that at least one of:

the indicia associated with the email address is received separately from the indication to share the at least one folder;

the indicia associated with the email address is not received separately from the indication to share the at least one folder;

the apparatus is configured to control whether the storage at the second node stores or does not store the at least one file;

the apparatus is configured to not control whether the storage at the second node stores or does not store the at least one file;

the code is configured to control whether the storage at the second node stores or does not store the at least one file; or

the code is configured to not control whether the storage at the second node stores or does not store the at least one file.

23. (New) The apparatus of claim 21, wherein the apparatus is configured such that, when the creation of the representation of the at least one folder is caused, an additional representation on the file explorer interface is caused to be created that represents the at least one file, where the file explorer interface is of a file explorer client application and not a web page.

24. (New) The apparatus of claim 23, wherein the apparatus is configured such that the at least one folder and the at least one file are stored and synchronized utilizing at least one server, and wherein the apparatus is further configured such that the at least one email message is sent without including the at least one file as an attachment of the at least one email message, and the storage at the second node does not store the at least one file when the creation of the representation of the at least one folder is caused, both for avoiding the at least one file from having to be communicated to and stored at the second node until the at least one file is requested by a user at the second node using the additional representation.

25. (New) The apparatus of claim 21, wherein the apparatus is configured such that the file explorer interface displays representations of files in a file system of an operating system of the second node.

26. (New) The apparatus of claim 21, wherein the apparatus is configured such that the file explorer interface is part of an operating system of the second node.

27. (New) A system, comprising:

at least one non-transitory memory storing instructions; and

one or more processors in communication with the at least one non-transitory memory, wherein the one or more processors execute the instructions to:

display, at a first node, a first user interface element, a second user interface element, and a third user interface element;

receive, from the first node via at least one network, information associated with at least one data object via the first user interface element;

receive, from the first node via the at least one network, at least one object associated with at least one email address via the second user interface element;

receive, from the first node via the at least one network, a message associated with a selection of the third user interface element;

based on the receipt of the information associated with the at least one data object, the at least one object associated with the at least one email address, and the message associated with the selection of the third user interface element via the at least one network; send, to a second node via the at least one network, at least one email message identifying the at least one data object and including a reference to the at least one data object, without including a file attachment with the at least one email message;

based on the receipt of the information associated with the at least one data object, the at least one object associated with the at least one email address, and the message associated with the selection of the third user interface element via the at least one network; cause, utilizing code configured to be stored on a storage at the second node and further configured to cooperate with a file explorer interface of a client-based file explorer application, creation of a representation of the at least one data object in a location among one or more folders on the file explorer interface, where the storage at the second node does not store any file in the at least one data object when the creation of the representation of the at least one data object is caused.

28. (New) The system of claim 27, wherein the system is configured such that the email message is sent without including the file attachment with the at least one email message, and the storage at the second node does not store any file when the creation of the representation of the at least one data object is caused, both for avoiding the at least one file from having to be communicated to and stored at the second node until the at least one file is requested by a user at the second node.

29. (New) An apparatus, comprising:

at least one non-transitory memory storing instructions; and

one or more processors in communication with the at least one non-transitory memory, wherein the one or more processors execute the instructions to:

cause, at a first node, display of a first interface with a first user interface element and a second user interface element, the first interface for use in creating a file request requesting at least one file;

receive, from the first node via at least one network, a file description via the first user interface element that includes a textbox, utilizing the first interface, the file description describing the at least one file in connection with the file request;

receive, from the first node via the at least one network, an indication of at least one of a date or a time via the second user interface element, utilizing the first interface;

cause, at the first node, display of a second interface with a third user interface element and a fourth user interface element, the second interface for use in causing the file request to be sent;

receive, from the first node via the at least one network, indicia associated with at least one email address via the third user interface element, utilizing the second interface, the at least one email address for being used to send the file request;

receive, from the first node via the at least one network, an indication of a selection of the fourth user interface element, utilizing the second interface, where the receipt of the indication of the selection of the fourth user interface element indicates that the file request is to be caused to be sent;

in response to the receipt of the indication of the selection of the fourth user interface element and based on the file description, the indication of the at least one of the date or the time, and the indicia associated with the at least one email address; generate a first message addressed to the at least one email address and including the file request, the first message indicating the at least one of the date or the time on which the file request is based, and further including a fifth user interface element and at least one sentence including the file description describing the at least one file in connection with the file request;

send, to a second node via the at least one network, the first message;

receive, from the second node via the at least one network, an indication of a selection of the fifth user interface element of the first message, where the receipt of the

indication of the selection of the fifth user interface element indicates that the at least one file is to be uploaded in response to the file request;

in response to the receipt of the indication of the selection of the fifth user interface element, cause, at the second node, display of a third interface with a sixth user interface element and a seventh user interface element, the third interface for use in uploading the at least one file in response to the file request;

receive, from the second node via the at least one network, an indication of a selection of the seventh user interface element, utilizing the third interface;

in response to the receipt of the indication of the selection of the seventh user interface element, generate a second message that includes an eighth user interface element, and that does not include a file attachment with the second message, the second message indicating that the file request has been responded to;

send, to the first node via the at least one network, the second message;

receive, from the first node via the at least one network, an indication of a selection of the eighth user interface element of the second message;

in response to the receipt of the indication of the selection of the eighth user interface element of the second message, cause, at the first node, display of at least one fourth interface with a reference to the at least one file for allowing access to the at least one file at the first node.

30. (New) The apparatus of claim 29, wherein the apparatus is configured such that the at least one of the date or the time of the indication of the at least one of the date or the time is a criterion, and the indication of the at least one file is received based on whether the criterion is met.

31. (New) The apparatus of claim 29, wherein the apparatus is configured such that, in response to the receipt of the indication of the selection of the seventh user interface element, a creation of a representation of the at least one file is caused, at the first node, in a location among one or more folders on a file explorer interface that is not a web page and utilizes a client-based file explorer application, such that the at least one file is accessible via both the second message and the file explorer interface.

32. (New) The apparatus of claim 31, wherein the apparatus is configured such that the second message is sent without including the at least one file as an attachment of the second message, and a storage at the first node does not store the at least one file when the creation of the representation of the at least one file is caused, both for avoiding the at least one file from having to be communicated to and stored at the first node until the at least one file is requested by a user at the first node using the representation or the reference.

33. (New) The apparatus of claim 32, wherein the apparatus is configured such that at least one of:

the file description is received separately from the indication of at least one of the date or the time;

the file description is not received separately from the indication of at least one of the date or the time;

the apparatus is configured to control the file description;

the apparatus is configured to not control the file description;

the apparatus is configured to control the file description such that the file description describes the at least one file in connection with the file request;

the apparatus is configured to not control the file description such that the file description describes the at least one file in connection with the file request;

the apparatus is configured to control the file description;

the apparatus is not configured to control the file description;

the apparatus is configured to control the file description such that the file description describes the at least one file in connection with the file request;

the apparatus is not configured to control the file description such that the file description describes the at least one file in connection with the file request;

the apparatus is configured to control whether the storage at the first node stores or does not store the at least one file;

the apparatus is configured to not control whether the storage at the first node stores or does not store the at least one file;

the code is configured to control whether the storage at the first node stores or does not store the at least one file; or

the code is configured to not control whether the storage at the first node stores or does not store the at least one file.

34. (New) An apparatus, comprising:

at least one non-transitory memory storing instructions; and

one or more processors in communication with the at least one non-transitory memory, wherein the one or more processors execute the instructions to:

display, at a first node, of a first user interface element, a second user interface element, and a third user interface element, the first user interface element, the second user interface element, and the third user interface element for use in creating a file request requesting one or more desired files;

receive, from the first node via at least one network, text associated with one or more desired files via the first user interface element that includes a textbox, the text describing the one or more desired files in connection with the file request;

receive, from the first node via the at least one network, an object associated with at least one email address via the second user interface element, the at least one email address for being used to send the file request;

based on the text associated with the one or more desired files and the object associated with the at least one email address; generate a first message addressed to the at least one email address and including the file request, the first message including a fourth user interface element and the text associated with the one or more desired files describing the one or more desired files in connection with the file request;

send, to a second node via the at least one network, the first message;

receive, from the second node via the at least one network, a message associated with a selection of the fourth user interface element of the first message for indicating that at least one file is to be uploaded in response to the file request;

in response to the receipt of the message associated with the selection of the fourth user interface element, send a first communication over the at least one network that results in display, at the second node, of a fifth user interface element for use in uploading the at least one file in response to the file request;

receive, from the second node via the at least one network, a message associated with a selection at least one file for being used to upload the at least one file in response to the file request;

receive, from the second node via the at least one network, a message associated with a selection of the fifth user interface element;

in response to the receipt of the message associated with the selection of the fifth user interface element, generate a second message that includes a sixth user interface element, and that does not include a file attachment with the second message, the second message indicating that the file request has been responded to;

send, to the first node via the at least one network, the second message;

receive, from the first node via the at least one network, a message associated with a selection of the sixth user interface element of the second message;

in response to the receipt of the message associated with the selection of the sixth user interface element of the second message, send a second communication over the at least one network that results in display, at the first node, of a reference to the at least one file; and

allow access, at the first node, to the at least one file via the reference.

35. (New) The apparatus of claim 34, wherein the apparatus is configured such that:

the first message and the second message are email messages;

the object includes the at least one email address or an alias associated with the at least one email address;

the second message is at least partially pre-written and is automatically generated without user involvement after the receipt of the message associated with the selection of the fifth user interface element; and

the message associated with the at least one file is conditionally received based on whether a date-related criterion or a time-related criterion is met.

36. (New) The apparatus of claim 35, wherein the apparatus is configured such that, in response to the receipt of the indication of the selection of the fifth user interface element, a creation of a representation of the at least one file is caused, at the first node, in a location among one or more folders on a file explorer interface that is not a web page and is displayed utilizing a client-based file explorer application, such that the at least one file is accessible via both the second message and the file explorer interface, wherein the apparatus is further configured such that the second message is sent without including the at least one file as an attachment of the second message, and a storage at the first node does not store the at least one file when the creation of the representation of the at least one file is caused, both for avoiding the at least one file from having to be communicated to and stored at the first node until the at least one file is requested by a user at the first node using the representation or the reference.

37. (New) A method, comprising:

causing, at a first node, display of:

a first user interface element, for collecting information associated with at least one folder,

a second user interface element, for collecting at least one object associated with at least one email address, the at least one object associated with at least one email address being the at least one email address or an alias associated with the at least one email address, and

a third user interface element, for detecting an indication of a selection thereof to cause an initiation of a sharing of the at least one folder;

causing generation of at least one email, based on the information associated with the at least one folder, the at least one object associated with the at least one email address, and the detection of the indication of the selection of the third user interface element to cause the initiation of the sharing of the at least one folder, where the at least one email:

identifies the information associated with the at least one folder,

includes an Hypertext Transfer Protocol (HTTP) link,

does not include a file attachment, for permitting avoidance of at least one file from being communicated to and stored at the second node until an initiation of the communication of the at least one file by a user of the second node is detected and the communication commences via at least one server that stores the at least one file,

is at least partially pre-written, and

is automatically caused to be received without requiring user involvement after the detection of the indication of the selection of the third user interface element to cause the initiation of the sharing of the at least one folder;

receiving, from the second node and at at least one server, a signal for causing creation of a first representation of the at least one folder, in a location among one or more folders, that is stored at the at least one server and that is displayable via at least one web page;

causing, at the second node, receipt of the at least one web page, that results in display, at the second node and via the at least one web page, the first

representation of the at least one folder that is stored at the at least one server; and

causing, at the second node, receipt of code for storage at the second node and cooperation with a file explorer interface of a client-based file explorer application, for being utilized to:

cause creation of a second representation of the at least one folder, in a location among one or more folders, that is stored at the second node and that is displayable via the file explorer interface of the client-based file explorer application.

38. (New) The method of claim 37, wherein the email and the file explorer interface are displayed via separate interfaces for permitting access to the at least one folder via multiple different interfaces based on a detection of an indication that the HTTP link has been selected.

39. (New) The method of claim 37, wherein the file explorer interface of the client-based file explorer application is displayed via an interface that does not include a web page displayed via a web browser.

40. (New) The method of claim 37, wherein the file explorer interface is part of an operating system of the second node.

41. (New) The method of claim 37, wherein at least one of:

the first user interface element, the second user interface element, and the third user interface element are caused by sending a first communication;

the receipt of the at least one web page is caused by sending a second communication; or

the receipt of the code is caused by sending a third communication.

42. (New) A method, comprising:

causing, at a first node, display of:

a first user interface element that includes a textbox, for collecting a file request description for at least one file,

a second user interface element, for enabling collection of an indication of at least one of a date or a time,

a third user interface element, for collecting at least one object associated with at least one email address, the at least one object associated with at least one email address being the at least one email address or an alias associated with the at least one email address, and

a fourth user interface element, for detecting an indication of a selection thereof to cause an initiation of a request for the at least one file;

causing generation of a first email, based on the file request description for the at least one file, the at least one object associated with the at least one email address, and the detection of the indication of the selection of the fourth user interface element to cause the initiation of the request for the at least one file, where the first email includes:

at least one sentence including the file request description for the at least one file, and

a fifth user interface element for detecting an indication of a selection thereof;

based on the detection of the indication of the selection of the fifth user interface element of the first email, causing, at the second node, display of:

a sixth user interface element, for collecting an indication of at least one file, and

a seventh user interface element, for detecting an indication of a selection thereof;

receiving, from the second node and at at least one server, a signal for causing creation of a first representation of the at least one file, in a location among one or more folders, that is stored at the at least one server and that is displayable via at least one web page;

causing generation of a second email, based on the detection of the indication of the selection of the seventh user interface element, where the second email:

includes an eighth user interface element for detecting an indication of a selection thereof,

does not include a file attachment, for permitting avoidance of the at least one file from being communicated to and stored at the first node via the second email,

is at least partially pre-written, and

is automatically caused to be received without requiring further user involvement after the detection of the indication of the selection of the seventh user interface element;

causing, at the first node, receipt of the at least one web page, that results in display, at the first node and via the at least one web page, of a file structure that permits access to the first representation of the at least one file that is stored at the at least one server;

causing, at the first node, receipt of code for storage at the first node and cooperation with a file explorer interface of a client-based file explorer application, for being utilized to:

based on the detection of the indication of the selection of the seventh user interface element, cause creation of a second representation of the at least one file, in a location among one or more folders, that is stored at the first node and that is displayable via the file explorer interface of the client-based file explorer application.

43. (New) The method of claim 42, wherein, at a time of sending, to the at least one server, of the signal, one or more representations for the one or more folders that is stored at the at least one server already exist in the location among the one or more folders that is stored at the first node.

44. (New) The method claim 42, wherein the access to the at least one file is allowed at the first node based on whether a date-related criterion or a time-related criterion is met in connection with a receipt of the at least one file.

**Remarks:**

Claims 1-20 were pending. Such claims have been cancelled in favor of the new claims above.

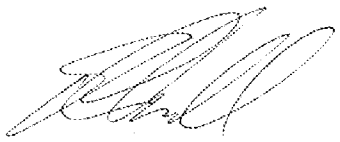
**Conclusion**

The claims are in condition for allowance per the claim amendments herein.

However, the absence of a reply to a specific rejection, issue, or comment does not signify agreement with or concession of that rejection, issue, or comment. In addition, because the arguments made above may not be exhaustive, there may be reasons for patentability of any or all pending claims (or other claims) that have not been expressed. Still yet, nothing in this reply should be construed as intention to concede any issue with regard to any claim, except as specifically stated in this reply. Finally, it should be noted that no claims are intended to be construed under 35 U.S.C 112, paragraph 6.

In the event a telephone conversation would expedite the prosecution of this application, the Examiner may reach the undersigned at the contact information below. Applicant does not believe that any additional fees are due. However, in the event that any other fees are due, the Director is hereby authorized to charge any required fees due (other than issue fees), and to credit any overpayment made, in connection with the filing of this paper to Deposit Account No. 50-4964 (Order No. DR0149E-CIP).

Respectfully submitted,



Dated: 11 Jul 2022

The Caldwell Firm, LLC
PO Box 59655
Dallas, Texas 75229-0655
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Patrick E. Caldwell, Esq.
Reg. No. 44,580

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

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**( Not for submission under 37 CFR 1.99)**

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|---|---|
| Application Number | 17187621 |
| Filing Date | 2021-02-26 |
| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

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| | 1 | Web Archived Page, https://web.archive.org/web/20120206103952/http://www.dropbox.com/teams ("Dropbox for Teams") |
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| | 23 | Web Archived Page, web.archive.org/web/20110717071758/dropbox.com/anywhere ("Dropbox Anywhere") |
| | 24 | Webpage, How To Send A Document Link In Email Using SharePoint Designer 2007 (https://www.mssqltips.com/sqlservertip/3816/how-to-send-a-document-link-in-email-using-sharepoint-designer-2007/) |
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| | 35 | Youtube Webpage, https://web.archive.org/web/20120813180352/https://plpnetwork.com/2012/08/10/dropbox-a-superb-classroom-tool/ ("Dropbox: A Superb | |
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| | 44 | Youtube webpage, https://www.youtube.com/watch?v=8nyHsfta75Y ("Dropbox Video Tutorial on How to Download a Shared Folder") (DRBX_MoOff_000014079- DRBX_MoOff_000014079) | |

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| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

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| Signature | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-07-20 |
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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| | 12 | Youtube Webpage, www.youtube.com/watch?v=1dTAR8-MoDI ("How to Share a Dropbox Folder") |
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| | 18 | Declaration of Linden Tibbets, Case No. 6:20-cv-00251, Feb 3, 2022 |
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**( Not for submission under 37 CFR 1.99)**

| | |
|---|---|
| Application Number | 17187621 |
| Filing Date | 2021-02-26 |
| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

## 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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-07-20 |
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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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| APPLICATION # | RECEIPT DATE / TIME | ATTORNEY DOCKET # |
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| **17/187,621** | **07/20/2022 04:44:50 PM ET** | **DR0149E-CIP** |

## Title of Invention

METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

## Application Information

| | | | |
|---|---|---|---|
| APPLICATION TYPE | Utility - Nonprovisional Application under 35 USC 111(a) | PATENT # | - |
| CONFIRMATION # | 6735 | FILED BY | Patrick Caldwell |
| PATENT CENTER # | 60799461 | FILING DATE | 02/26/2021 |
| CUSTOMER # | 92045 | FIRST NAMED INVENTOR | Robert Paul Morris |
| CORRESPONDENCE ADDRESS | - | AUTHORIZED BY | - |

## Documents

**TOTAL DOCUMENTS: 8**

| DOCUMENT | PAGES | DESCRIPTION | SIZE (KB) |
|---|---|---|---|
| DR0149E-CIP_IDS_20220720_1_OF_3_vF.pdf | 11 | Information Disclosure Statement (IDS) Form (SB08) | 1255 KB |
| DR0149E-CIP_IDS_20220720_2_OF_3_vF.pdf | 8 | Information Disclosure Statement (IDS) Form (SB08) | 1255 KB |
| DR0149E-CIP_IDS_20220720_3_OF_3_vF.pdf | 5 | Information Disclosure Statement (IDS) Form (SB08) | 1253 KB |
| 21-06-15_DecofTibbets.pdf | 3 | Non Patent Literature | 95 KB |

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|---|---|---|---|
| 22-02-03_DecofTibbets.pdf | 3 | Non Patent Literature | 118 KB |
| Batch_NPL_20220719_Part3.pdf | 94 | Non Patent Literature | 17526 KB |
| Batch_NPL_20220719_Part1.pdf | 217 | Non Patent Literature | 24197 KB |
| Batch_NPL_20220719_Part2.pdf | 251 | Non Patent Literature | 24270 KB |

## Digest

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| DR0149E-CIP_IDS_20220720_1_OF_3_vF.pdf | FDE0C7ADED02B6D065735E675A263E97A7641D59196E4A87489FE30CD66FEC5A794C31FF5651F938F98532DEB0396C8ABB954A2CC875B554330279DC26EE36EC |
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| Batch_NPL_20220719_Part1.pdf | 0482575FC60E6AE5A75E70D647CE57F76880BDADF27B83871DCC540B9899D07F52045A7DF9298F51BD298CE6368C52B4302D1BAD0D69FE5C2B718234F5BE73F4 |
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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.

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

PTO/SB/08a (01-22)
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**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**
**( Not for submission under 37 CFR 1.99)**

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|---|---|
| Application Number | 17187621 |
| Filing Date | 2021-02-26 |
| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

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| | 1 | 10148730 | B2 | 2018-12-04 | Houston et al. | |
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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99) | | |
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| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

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| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

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| | Attorney Docket Number | DR0149E-CIP |

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| | 11 | Web Archived Page, https://web.archive.org/web/20101119042112/http://kb.sharefile.com:80/getattachment.php?data=MTA4fENsaWVudF9HdWlkZV9HZXR0aW5nX1N0YXJ0ZWQucGRm ("ShareFile Client Guide") |
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| | 19 | Web Archived Page, https://web.archive.org/web/20110614193522/http://www.dropbox.com/ ("Dropbox") (DRBX_MoOff_000019996-DRBX_MoOff_000019996) |

| INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99) | | |
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| | Examiner Name | Jungwon CHANG |
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| | 34 | Web Archived Page, https://web.archive.org/web/20110728065932/http:/prolost.com/blog/2011/6/10/dropbox-etiquette.html ("Dropbox Etiquette") |
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| | 37 | Web Archived Page, https://web.archive.org/web/20110809143627/http://www.sharefile.com/about/power-tools.aspx ("Power Tools") |
| | 38 | Web Archived Page, https://web.archive.org/web/20110811195409/http://www.sharefile.com/about/product-tour.aspx ("Product Tour") |
| | 39 | Web Archived Page, https://web.archive.org/web/20110902011429/http://www.dropbox.com/tour/3 ("Simple Sharing") (DRBX_MoOff_000020046-DRBX_MoOff_000020047) |
| | 40 | Web Archived Page, https://web.archive.org/web/20110904035622/http://blog.dropbox.com/?paged=2 ("Dropquest!") (DRBX_MoOff_000019634- DRBX_MoOff_000019644) |
| | 41 | Web Archived Page, https://web.archive.org/web/20111026110035/http://www.cs.princeton.edu:80/courses/archive/fall11/cos402/ ("Turning in assignments") |

| INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99) | | |
|---|---|---|
| | Application Number | 17187621 |
| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

| | | |
|---|---|---|
| | 42 | Web Archived Page, https://web.archive.org/web/20120118105201/https:/9to5google.com/2011/12/23/dropbox-releases-v2-0-android-app-with-ics-support-offerswhopping-500mb-more-space-to-students/ ("Dropbox releases v2.0 Android app") |
| | 43 | Web Archived Page, https://web.archive.org/web/20120119141346/https://www.dropbox.com/help/19 ("Dropbox – How do I share Folders with Other People") |
| | 44 | Web Archived Page, https://web.archive.org/web/20120119184724/https://www.dropbox.com/help/18 ("Dropbox – What is the Photos Folder for?") |
| | 45 | Web Archived Page, https://web.archive.org/web/20120126003606/https://www.dropbox.com/help/167 ("How do I share a link to a file in my Dropbox folder?") |
| | 46 | Web Archived Page, https://web.archive.org/web/20120126151148/http://www.feedmyinbox.com/new-here/ ("FeedMyInbox") |
| | 47 | Web Archived Page, https://web.archive.org/web/20120127122506/http://www.nathankowald.com/blog/2011/10/dropbox-tracking-shared-folder-changes/ ("Dropbox – Tracking shared folder changes") |
| | 48 | Web Archived Page, https://web.archive.org/web/20120127170809/http://www.dropbox.com/help/140 ("Dropbox - How can I tell if a file or folder is shared, public, or private?") |
| | 49 | Web Archived Page, https://web.archive.org/web/20120127195127/http://www.dropbox.com/help/156 ("How do I unshare or kick out a member of a shared folder?") |
| | 50 | Web Archived Page, https://web.archive.org/web/20120128023921/http://www.dropbox.com/help/85 ("How do I Share a Link to a File from My Phone or Tablet?") |

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

**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.

| INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99) | | |
|---|---|---|
| | Application Number | 17187621 |
| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

[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 | 17187621 |
| Filing Date | 2021-02-26 |
| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

## 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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-07-20 |
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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 record s.

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.

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

92045 7590 08/09/2022

The Caldwell Firm, LLC
PO Box 59655
Dept. SVIPGP
Dallas, TX 75229

| EXAMINER |
|---|
| CHANG, JUNGWON |

| ART UNIT | PAPER NUMBER |
|---|---|
| 2454 | |

DATE MAILED: 08/09/2022

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 17/187,621 | 02/26/2021 | Robert Paul Morris | DR0149E-CIP | 6735 |

TITLE OF INVENTION: METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

| APPLN. TYPE | ENTITY STATUS | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|---|---|---|---|---|---|---|
| nonprovisional | SMALL | $600 | $0.00 | $0.00 | $600 | 11/09/2022 |

**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. 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 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 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.

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

92045 7590 08/09/2022

The Caldwell Firm, LLC
PO Box 59655
Dept. SVIPGP
Dallas, TX 75229

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 EFS-Web 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. |
|---|---|---|---|---|
| 17/187,621 | 02/26/2021 | Robert Paul Morris | DR0149E-CIP | 6735 |

TITLE OF INVENTION: METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

| APPLN. TYPE | ENTITY STATUS | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|---|---|---|---|---|---|---|
| nonprovisional | SMALL | $600 | $0.00 | $0.00 | $600 | 11/09/2022 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|---|---|---|
| CHANG, JUNGWON | 2454 | 709-206000 |

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/AIA/122 or PTO/SB/122) attached.

❑ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/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 _____
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) ❑ Advance Order - # of Copies _____

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

❑ Electronic 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)

❑ 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. |
|---|---|---|---|---|
| 17/187,621 | 02/26/2021 | Robert Paul Morris | DR0149E-CIP | 6735 |

92045 7590 08/09/2022

The Caldwell Firm, LLC
PO Box 59655
Dept. SVIPGP
Dallas, TX 75229

| EXAMINER | |
|---|---|
| CHANG, JUNGWON | |
| **ART UNIT** | **PAPER NUMBER** |
| 2454 | |

DATE MAILED: 08/09/2022

**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 | Application No. 17/187,621 | Applicant(s) Morris, Robert Paul | |
|---|---|---|---|
| | Examiner JUNGWON CHANG | Art Unit 2454 | 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 terminal disclaimer filed on 03/14/2022 and amendment filed on 07/11/2022,.
   ☐ 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 21-44 . 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)
2. ☑ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 07/20/2022, 07/20/2022, 07/20/2022.
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____.
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date. _____.
5. ☐ Examiner's Amendment/Comment
6. ☑ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/JUNGWON CHANG/
Primary Examiner, Art Unit 2454

***Notice of Pre-AIA or AIA Status***

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

***Information Disclosure Statement***

The information disclosure statements (IDS) submitted on 07/20/2022, 07/20/2022, and 07/20/2022 are in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statements are being considered by the examiner except some of non-patent literatures which do not provide publication dates.

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

The closest prior art, Plestid (US 2009/0313348) discloses a method for remotely manipulating attachments from the mobile communication device, without downloading the attachments to the mobile device. Following receipt within the server of a message, such as an email, text message, etc., with an attachment, and upon launching a mobile application on device, a user may open the message (e.g. email) by actuating selection device, causing the message to be displayed, as shown in FIG. 5. Upon further actuation of the selection device (or another input device such as a menu key, etc.), a menu of options is presented for handling the message, as shown in FIG. 6A (Figs. 4A-6A; Fig. 6F; ¶0045). Additional or alternative menu items may be presented as shown in Fig. 6A and Fig. 6F.

The closest prior art, Cook (US 2004/0025057) discloses a user interface presented by wrapper application which can be manipulated to compose a secure E-mail message. Fig. 3a shows fields that are included for entering a recipient's E-mail address,

a sender's E-mail address, subject, attachments field and message body. Buttons are included for attaching files, saving a draft, clearing a form, printing a message, looking-up an E-mail address and editing an E-mail ID. Attachments field is a field used to indicate documents that have been attached to the secure message. Files can be attached to a message using attachment button (Fig. 3a; ¶0117)

The closest prior art, Daniels et al. (US 2007/0100991) discloses a creation of a new e-mail in an e-mail composition window for attaching a file attachment. The new e-mail composition window shows a main menu bar at the top that contains the main menu items File, Edit, View, Create, Actions, Text and Help, and discloses a method of tracking and obtaining return receipts for one or more file attachments sent in an e-mail (Fig. 1; ¶0028; ¶0030).

The prior art does not teach the claimed "receive, from the first node via at least one network, an indication of at least one folder via the first user interface element, utilizing the first interface; cause, at the first node, display of a second interface with a second user interface element; receive, from the first node via the at least one network, indicia associated with at least one email address via the second user interface element, utilizing the second interface; receive, from the first node via the at least one network, an indication to share the at least one folder; based on the receipt of the indication of the at least one folder, the indicia associated with the at least one email address, and the indication to share the at least one folder via the at least one network; generate at least one email message identifying the at least one folder and including a reference to the at least one folder, without including at least one file in the at least one folder as an attachment of the at least one email message; send, to a second node via the at least one network, the at least one email message, without including the at least one file in the

at least one folder as an attachment of the at least one email message; based on the receipt of the indication of the at least one folder, the indicia associated with the at least one email address, and the indication to share the at least one folder via the at least one network; cause, utilizing code configured to be stored on a storage at the second node and further configured to cooperate with a file explorer interface, creation of a representation of the at least one folder in a location among one or more folders on the file explorer interface, where the storage at the second node does not store the at least one file when the creation of the representation of the at least one folder is caused; detect, at the second node, an indication to open the at least one file in the at least one folder; and in response to detection of the indication to open the at least one file in the at least one folder, cause retrieval of the at least one file via the at least one network for permitting display of the at least one file at the second node" as recited in claim 21; "receive, from the first node via at least one network, information associated with at least one data object via the first user interface element; receive, from the first node via the at least one network, at least one object associated with at least one email address via the second user interface element; receive, from the first node via the at least one network, a message associated with a selection of the third user interface element; based on the receipt of the information associated with the at least one data object, the at least one object associated with the at least one email address, and the message associated with the selection of the third user interface element via the at least one network; send, to a second node via the at least one network, at least one email message identifying the at least one data object and including a reference to the at least one data object, without including a file attachment with the at least one email message; based on the receipt of the information associated with the at least one data object, the at least one object

associated with the at least one email address, and the message associated with the selection of the third user interface element via the at least one network; cause, utilizing code configured to be stored on a storage at the second node and further configured to cooperate with a file explorer interface of a client-based file explorer application, creation of a representation of the at least one data object in a location among one or more folders on the file explorer interface, where the storage at the second node does not store any file in the at least one data object when the creation of the representation of the at least one data object is caused" as recited in claim 27; "receive, from the first node via the at least one network, an indication of at least one of a date or a time via the second user interface element, utilizing the first interface; cause, at the first node, display of a second interface with a third user interface element and a fourth user interface element, the second interface for use in causing the file request to be sent; receive, from the first node via the at least one network, indicia associated with at least one email address via the third user interface element, utilizing the second interface, the at least one email address for being used to send the file request; receive, from the first node via the at least one network, an indication of a selection of the fourth user interface element, utilizing the second interface, where the receipt of the indication of the selection of the fourth user interface element indicates that the file request is to be caused to be sent; in response to the receipt of the indication of the selection of the fourth user interface element and based on the file description, the indication of the at least one of the date or the time, and the indicia associated with the at least one email address; generate a first message addressed to the at least one email address and including the file request, the first message indicating the at least one of the date or the time on which the file request is based, and further including a fifth user interface element and at least one sentence

including the file description describing the at least one file in connection with the file request; send, to a second node via the at least one network, the first message; receive, from the second node via the at least one network, an indication of a selection of the fifth user interface element of the first message, where the receipt of the indication of the selection of the fifth user interface element indicates that the at least one file is to be uploaded in response to the file request; in response to the receipt of the indication of the selection of the fifth user interface element, cause, at the second node, display of a third interface with a sixth user interface element and a seventh user interface element, the third interface for use in uploading the at least one file in response to the file request; receive, from the second node via the at least one network, an indication of a selection of the seventh user interface element, utilizing the third interface; in response to the receipt of the indication of the selection of the seventh user interface element, generate a second message that includes an eighth user interface element, and that does not include a file attachment with the second message, the second message indicating that the file request has been responded to; send, to the first node via the at least one network, the second message; receive, from the first node via the at least one network, an indication of a selection of the eighth user interface element of the second message; in response to the receipt of the indication of the selection of the eighth user interface element of the second message, cause, at the first node, display of at least one fourth interface with a reference to the at least one file for allowing access to the at least one file at the first node" as recited in claim 29; "receive, from the first node via at least one network, text associated with one or more desired files via the first user interface element that includes a textbox, the text describing the one or more desired files in connection with the file request; receive, from the first node via the at least one network, an object associated with at least

one email address via the second user interface element, the at least one email address for being used to send the file request; based on the text associated with the one or more desired files and the object associated with the at least one email address; generate a first message addressed to the at least one email address and including the file request, the first message including a fourth user interface element and the text associated with the one or more desired files describing the one or more desired files in connection with the file request; send, to a second node via the at least one network, the first message; receive, from the second node via the at least one network, a message associated with a selection of the fourth user interface element of the first message for indicating that at least one file is to be uploaded in response to the file request; in response to the receipt of the message associated with the selection of the fourth user interface element, send a first communication over the at least one network that results in display, at the second node, of a fifth user interface element for use in uploading the at least one file in response to the file request; receive, from the second node via the at least one network, a message associated with a selection at least one file for being used to upload the at least one file in response to the file request; receive, from the second node via the at least one network, a message associated with a selection of the fifth user interface element; in response to the receipt of the message associated with the selection of the fifth user interface element, generate a second message that includes a sixth user interface element, and that does not include a file attachment with the second message, the second message indicating that the file request has been responded to; send, to the first node via the at least one network, the second message; receive, from the first node via the at least one network, a message associated with a selection of the sixth user interface element of the second message; in response to the receipt of the message

associated with the selection of the sixth user interface element of the second message, send a second communication over the at least one network that results in display, at the first node, of a reference to the at least one file; and allow access, at the first node, to the at least one file via the reference" as recited in claim 34; "generation of at least one email, based on the information associated with the at least one folder, the at least one object associated with the at least one email address, and the detection of the indication of the selection of the third user interface element to cause the initiation of the sharing of the at least one folder, where the at least one email: identifies the information associated with the at least one folder, includes an Hypertext Transfer Protocol (HTTP) link, does not include a file attachment, for permitting avoidance of at least one file from being communicated to and stored at the second node until an initiation of the communication of the at least one file by a user of the second node is detected and the communication commences via at least one server that stores the at least one file, is at least partially pre-written, and is automatically caused to be received without requiring user involvement after the detection of the indication of the selection of the third user interface element to cause the initiation of the sharing of the at least one folder; receiving, from the second node and at at least one server, a signal for causing creation of a first representation of the at least one folder, in a location among one or more folders, that is stored at the at least one server and that is displayable via at least one web page; causing, at the second node, receipt of the at least one web page, that results in display, at the second node and via the at least one web page, the first representation of the at least one folder that is stored at the at least one server; and causing, at the second node, receipt of code for storage at the second node and cooperation with a file explorer interface of a client-based file explorer application, for being utilized to: cause creation of a second

representation of the at least one folder, in a location among one or more folders, that is stored at the second node and that is displayable via the file explorer interface of the client-based file explorer application" as recited in claim 37; and "generation of a first email, based on the file request description for the at least one file, the at least one object associated with the at least one email address, and the detection of the indication of the selection of the fourth user interface element to cause the initiation of the request for the at least one file, where the first email includes: at least one sentence including the file request description for the at least one file, and a fifth user interface element for detecting an indication of a selection thereof; based on the detection of the indication of the selection of the fifth user interface element of the first email, causing, at the second node, display of: a sixth user interface element, for collecting an indication of at least one file, and a seventh user interface element, for detecting an indication of a selection thereof; receiving, from the second node and at at least one server, a signal for causing creation of a first representation of the at least one file, in a location among one or more folders, that is stored at the at least one server and that is displayable via at least one web page; causing generation of a second email, based on the detection of the indication of the selection of the seventh user interface element, where the second email: includes an eighth user interface element for detecting an indication of a selection thereof, does not include a file attachment, for permitting avoidance of the at least one file from being communicated to and stored at the first node via the second email, is at least partially pre-written, and is automatically caused to be received without requiring further user involvement after the detection of the indication of the selection of the seventh user interface element; causing, at the first node, receipt of the at least one web page, that results in display, at the first node and via the at least one web page, of a file structure

that permits access to the first representation of the at least one file that is stored at the at least one server; causing, at the first node, receipt of code for storage at the first node and cooperation with a file explorer interface of a client-based file explorer application, for being utilized to: based on the detection of the indication of the selection of the seventh user interface element, cause creation of a second representation of the at least one file, in a location among one or more folders, that is stored at the first node and that is displayable via the file explorer interface of the client-based file explorer application" as recited in claim 42.

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."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JUNGWON CHANG whose telephone number is (571)272-3960. The examiner can normally be reached 8:30-5pm.

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, GLENTON BURGESS can be reached on (571)272-3949. 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.

/JUNGWON CHANG/
Primary Examiner, Art Unit 2454
July 30, 2022

| Search Notes | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 17/187,621 | Morris, Robert Paul |
| | Examiner | Art Unit |
| | JUNGWON CHANG | 2454 |

| CPC - Searched* | | |
|---|---|---|
| **Symbol** | **Date** | **Examiner** |
| H04L 51/08, 18, 32, 22, 34 | 10/09/2021 | JWC |
| H04L 67/06 | 10/09/2021 | JWC |
| G06F 3/0482 | 10/09/2021 | JWC |
| G06Q 10/107 | 10/09/2021 | JWC |
| H04L 51/08, 18, 28, 34, 32, 22 | 03/29/2022 | JWC |
| H04L 67/06 | 03/29/2022 | JWC |
| G06F 3/0482 | 03/29/2022 | JWC |
| G06F 9/451 | 03/29/2022 | JWC |
| G06F 16/168 | 03/29/2022 | JWC |
| G06F 3/04817 | 03/29/2022 | JWC |
| G06F 2203/04803 | 03/29/2022 | JWC |
| G06Q 10/107 | 03/29/2022 | JWC |

| CPC Combination Sets - Searched* | | |
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| US Classification - Searched* | | | |
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| **Class** | **Subclass** | **Date** | **Examiner** |
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* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

| Search Notes | Application/Control No. | Applicant(s)/Patent Under Reexamination |
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| | Examiner | Art Unit |
| | JUNGWON CHANG | 2454 |

| Search Notes | | |
|---|---|---|
| **Search Notes** | **Date** | **Examiner** |
| East search report attached | 10/09/2021 | JWC |
| Google search report attached | 10/09/2021 | JWC |
| Inventor name searched | 10/09/2021 | JWC |
| PE2E search report attached | 03/29/2022 | JWC |
| Google, IP.com search report attached | 03/29/2022 | JWC |
| Inventor name searched | 03/29/2022 | JWC |
| PE2E search report attached | 07/30/2022 | JWC |
| Inventor name searched | 07/30/2022 | JWC |

| Interference Search | | | |
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| **US Class/CPC Symbol** | **US Subclass/CPC Group** | **Date** | **Examiner** |
| H04L | 51/08, 18, 28, 34, 32, 22 | 03/29/2022 | JWC |
| H04L | 67/06 | 03/29/2022 | JWC |
| G06F | 3/0482 | 03/29/2022 | JWC |
| G06F | 9/451 | 03/29/2022 | JWC |
| G06F | 16/168 | 03/29/2022 | JWC |
| G06F | 3/04817 | 03/29/2022 | JWC |
| G06F | 2203/04803 | 03/29/2022 | JWC |
| G06Q | 10/107 | 03/29/2022 | JWC |

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|---|---|---|
| | 17/187,621 | Morris, Robert Paul |
| | **Examiner** | **Art Unit** |
| | JUNGWON CHANG | 2454 |

| CPC | | | | | | |
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| **Symbol** | | | | | **Type** | **Version** |
| H04L | / | 51 | / | 08 | F | 2013-01-01 |
| H04L | / | 51 | / | 18 | I | 2013-01-01 |
| G06F | / | 3 | / | 0482 | I | 2013-01-01 |
| G06F | / | 9 | / | 451 | I | 2018-02-01 |
| H04L | / | 67 | / | 06 | I | 2013-01-01 |
| G06F | / | 16 | / | 168 | I | 2019-01-01 |
| G06Q | / | 10 | / | 107 | I | 2013-01-01 |
| H04L | / | 51 | / | 48 | I | 2022-05-01 |
| G06F | / | 3 | / | 04817 | A | 2013-01-01 |
| G06F | / | 2203 | / | 04803 | A | 2013-01-01 |
| H04L | / | 51 | / | 42 | A | 2022-05-01 |
| H04L | / | 51 | / | 52 | A | 2022-05-01 |
| H04L | / | 51 | / | 234 | A | 2022-05-01 |

| CPC Combination Sets | | | | | | | | |
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| NONE | | Total Claims Allowed: | |
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| (Assistant Examiner) | (Date) | 20 | |
| /JUNGWON CHANG/<br>Primary Examiner, Art Unit 2454 | 30 July 2022 | O.G. Print Claim(s) | O.G. Print Figure |
| (Primary Examiner) | (Date) | 1 | 4 |

U.S. Patent and Trademark Office — Part of Paper No.: 20220711

| Issue Classification | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 17/187,621 | Morris, Robert Paul |
| | **Examiner** | **Art Unit** |
| | JUNGWON CHANG | 2454 |

| INTERNATIONAL CLASSIFICATION | | | | |
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| **CLAIMED** | | | | |
| H04L | / | 12 | / | 58 |

| NON-CLAIMED | | | | |
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| US ORIGINAL CLASSIFICATION | |
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| **CLASS** | **SUBCLASS** |
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| CROSS REFERENCES(S) | | | | | | |
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| **CLASS** | **SUBCLASS (ONE SUBCLASS PER BLOCK)** | | | | | |
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| NONE | | Total Claims Allowed: | |
|---|---|---|---|
| (Assistant Examiner) | (Date) | 20 | |
| /JUNGWON CHANG/<br>Primary Examiner, Art Unit 2454 | 30 July 2022 | O.G. Print Claim(s) | O.G. Print Figure |
| (Primary Examiner) | (Date) | 1 | 4 |

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| | 17/187,621 | Morris, Robert Paul |
| | **Examiner** | **Art Unit** |
| | JUNGWON CHANG | 2454 |

☑ Claims renumbered in the same order as presented by applicant ☐ CPA ☑ T.D. ☐ R.1.47

**CLAIMS**

| Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original |
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| NONE<br>(Assistant Examiner) | (Date) | **Total Claims Allowed:**<br>20 | |
| /JUNGWON CHANG/<br>Primary Examiner, Art Unit 2454<br>(Primary Examiner) | 30 July 2022<br>(Date) | O.G. Print Claim(s)<br>1 | O.G. Print Figure<br>4 |

U.S. Patent and Trademark Office

Part of Paper No.: 20220711

| Index of Claims | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 17/187,621 | Morris, Robert Paul |
| | Examiner | Art Unit |
| | JUNGWON CHANG | 2454 |

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| ✓ | Rejected | - | Cancelled | N | Non-Elected | A | Appeal |
| = | Allowed | ÷ | Restricted | I | Interference | O | Objected |

**CLAIMS**

☑ Claims renumbered in the same order as presented by applicant ☐ CPA ☑ T.D. ☐ R.1.47

| CLAIM | | DATE | | | | | | | | |
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| Final | Original | 10/09/2021 | 03/29/2022 | 07/30/2022 | | | | | | |
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| 20 | 40 | | | = | | | | | | |
| 21 | 41 | | | = | | | | | | |
| 22 | 42 | | | = | | | | | | |

| Index of Claims | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 17/187,621 | Morris, Robert Paul |
| | **Examiner** | **Art Unit** |
| | JUNGWON CHANG | 2454 |

| CLAIM | | DATE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Final | Original | 10/09/2021 | 03/29/2022 | 07/30/2022 | | | | | | |
| 23 | 43 | | | = | | | | | | |
| 24 | 44 | | | = | | | | | | |

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 | 17187621 |
| Filing Date | 2021-02-26 |
| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

## U.S.PATENTS

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99) | | |
|---|---|---|
| | Application Number | 17187621 |
| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

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| | 1 | Web Archived Page, https://web.archive.org/web/20120206103952/http://www.dropbox.com/teams ("Dropbox for Teams") |
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| | 8 | Web Archived Page, https://web.archive.org/web/20120309140000/http://blog.dropbox.com/ ("A fresh new Dropbox on the web") (DRBX_MoOff_000019658- DRBX_MoOff_000019675) |
| | 9 | Web Archived Page, https://web.archive.org/web/20120425041727/https:/www.theverge.com/2012/4/23/2968622/dropbox-public-sharing-links-feature ("Dropbox update adds public link to any file or folder") |
| | 10 | Web Archived Page, https://web.archive.org/web/20120504124406/https://fileinfo.com/help/google_drive_file_types ("What are the new Google Docs file types used by Google Drive?") |
| | 11 | Web Archived Page, https://web.archive.org/web/20120606072822/http://sethsec.blogspot.com/2009/10/use-dropbox-to-collect-wedding-photos.html ("Use Dropbox to collect wedding photos (or any other group photos) with friends and family") |

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| | 12 | Web Archived Page, https://web.archive.org/web/20120607153534/https://zapier.com/zapbook/dropbox/email/ ("Zapier") |
| | 13 | Web Archived Page, https://web.archive.org/web/20120624081054/https://www.lawsitesblog.com/2012/06/shared-a-dropbox-folder-dont-forget.html ("Shared a Dropbox folder? Don't forget!") |
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| | 23 | Web Archived Page, web.archive.org/web/20110717071758/dropbox.com/anywhere ("Dropbox Anywhere") |
| | 24 | Webpage, How To Send A Document Link In Email Using SharePoint Designer 2007 (https://www.mssqltips.com/sqlservertip/3816/how-to-send-a-document-link-in-email-using-sharepoint-designer-2007/) |
| | 25 | Webpage, https://dawsonite.dawsoncollege.qc.ca/2011/12/no-more-printing-teachers-using-dropbox/ ("No More Printing. Teachers Using Dropbox") |
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| | 28 | Webpage, https://support.google.com/a/answer/2490100?hl=en#zippy=%2Cwith-drive-for-desktop-are-docs-sheets-slides-forms-and-my-maps-stored-on-my-computer ("Accessing Drive Files") (DRBX_MoOff_000040777-DRBX_MoOff_000040779) |
| | 29 | Webpage, https://tidbits.com/2009/09/29/dropbox-releases-iphone-app-for-file-viewing-and-sharing/ ("Dropbox Releases iPhone App for File Viewing and Sharing") |
| | 30 | Webpage, https://www.eschoolnews.com/2011/10/07/using-dropbox-as-a-course-management-tool/3/ ("Using Dropbox as a course management tool") |
| | 31 | Webpage, https://www.macworld.com/article/213492/62-things-you-can-do-with-dropbox.html ("62 things you can do with Dropbox") |
| | 32 | Webpage, https://www.nathankowald.com/blog/2011/10/dropbox-tracking-shared-folder-changes/ ("Dropbox – Tracking shared folder changes") |
| | 33 | Webpage, What is Xdrive? (https://web.archive.org/web/20001205095600if_ /http://www.xdrive.com:80/target.html?path=/company/what.html) |

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| | 34 | Webpage, Wizards Versus Forms (https://web.archive.org/web/20110924131416/https://www.uxmatters.com/mt/archives/2011/09/wizards-versus-forms.php) |
| | 35 | Youtube Webpage, https://web.archive.org/web/20120813180352/https://plpnetwork.com/2012/08/10/dropbox-a-superb-classroom-tool/ ("Dropbox: A Superb |
| | 36 | Youtube webpage, https://www.youtube.com/watch?app=desktop&v=1SjRH3SImIM ("Exploring Google Drive") (DRBX_MoOff_000019768-DRBX_MoOff_000019768) |
| | 37 | Youtube webpage, https://www.youtube.com/watch?app=desktop&v=w8iYmIxaIgk ("Creating A Shared Folder in Google Drive") (DRBX_MoOff_000019850-DRBX_MoOff_000019850) |
| | 38 | Youtube webpage, https://www.youtube.com/watch?v=1dTAR8-MoDI ("How to Share a Dropbox Folder") |
| | 39 | Youtube webpage, https://www.youtube.com/watch?v=-1tVurHBZO0 ("How to Share a Dropbox Folder | iPad Educational Technology in the Classroom") |
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| | 41 | Youtube webpage, https://www.youtube.com/watch?v=5d_CifUpgHc ("SkyDrive For Windows (cc)") |
| | 42 | Youtube webpage, https://www.youtube.com/watch?v=5tthVEzX-UI ("Google Drive for mobile") (DRBX_MoOff_000019846-DRBX_MoOff_000019846) |
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| | 44 | Youtube webpage, https://www.youtube.com/watch?v=8nyHsfta75Y ("Dropbox Video Tutorial on How to Download a Shared Folder") (DRBX_MoOff_000014079- DRBX_MoOff_000014079) |

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| | 45 | Youtube webpage, https://www.youtube.com/watch?v=A7G3gzdLDcQ ("How To Share a Dropbox Folder - Tutorial [HD] 2012") |
| | 46 | Youtube webpage, https://www.youtube.com/watch?v=F2RhtH4ekGA ("Student dropbox set up") |
| | 47 | Youtube webpage, https://www.youtube.com/watch?v=HBqCoI3otgE ("Top Five Dropbox Tips and Tricks") |
| | 48 | Youtube webpage, https://www.youtube.com/watch?v=HWa1vhPdlxQ ("Dropbox Tip: Remove Notifications") |
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| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

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**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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-07-20 |
|---|---|---|---|
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

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| | 1 | Youtube webpage, https://www.youtube.com/watch?v=l90wYGUt9D0 ("Dropbox Share Folder Overview") (DRBX_MoOff_000014082- DRBX_MoOff_000014082) |
| | 2 | Youtube webpage, https://www.youtube.com/watch?v=nuTH4qVqUhk ("iPad + Dropbox: Transfer files to and from your iPad using Dropbox") (DRBX_MoOff_000019889-DRBX_MoOff_000019889) |
| | 3 | Youtube webpage, https://www.youtube.com/watch?v=O-E3tTc_BtU ("Sync Files on Multiple Computers using DropBox") |
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| | 8 | Youtube webpage, https://www.youtube.com/watch?v=SkRQilye09Q ("How to Use Dropbox to Share a File Without Installing It") (DRBX_MoOff_000014071-DRBX_MoOff_000014071) |
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| | 11 | Youtube webpage, https://www.youtube.com/watch?v=zPDDgHVV_nQ ("Sharing Files With DropBox (MacMost Now 607)") (DRBX_MoOff_000019887- DRBX_MoOff_000019887) |



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| | 12 | ~~Youtube Webpage, www.youtube.com/watch?v=1dTAR8-MoDI ("How to Share a Dropbox Folder")~~ |
| | 13 | Youtube Webpage, www.youtube.com/watch?v=-1tVurHBZO0 ("How to Share a Dropbox Folder \| iPad Educational Technology in the Classroom") |
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| | 15 | ~~Youtube Webpage, www.youtube.com/watch?v=O-E3tTc_BtU ("Sync Files on Multiple Computers using DropBox")~~ |
| | 16 | ~~Youtube Webpage, www.youtube.com/watch?v=ROncrjyUog8 ("How to create Shared folders on Dropbox")~~ |
| | 17 | ~~Youtube Webpage, www.youtube.com/watch?v=SzClst358Dk ("Sharing folders in Dropbox")~~ |
| | 18 | Declaration of Linden Tibbets, Case No. 6:20-cv-00251, Feb 3, 2022 |
| | 19 | Declaration of Linden Tibbets, Case No. 6:20-cv-00251, June 15, 2021 |

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**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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-07-20 |
|---|---|---|---|
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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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# Bibliographic Data

Application No: 17/187,621

Foreign Priority claimed: ○ Yes ◉ No

35 USC 119 (a-d) conditions met: ☐ Yes ☑ No ☐ Met After Allowance

Verified and Acknowledged: /JUNGWON CHANG/ Examiner's Signature | Initials

Title: METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

| FILING or 371(c) DATE | CLASS | GROUP ART UNIT | ATTORNEY DOCKET NO. |
|---|---|---|---|
| 02/26/2021 | 709 | 2454 | |
| RULE | | | |

**APPLICANTS**

MOTION OFFENSE, LLC, Longview, TX, UNITED STATES

**INVENTORS**

Robert Paul Morris, Madison, GA, UNITED STATES

**CONTINUING DATA**

This application is a CON of 16803980 02/27/2020 PAT 11044215

16803980 is a CON of 15984406 05/20/2018 PAT 10587548

15984406 is a CON of 15724223 10/03/2017 PAT 10021052

15724223 is a CIP of 14274623 05/09/2014ABN

14274623 is a CIP of 13626635 09/25/2012ABN

14274623 is a CIP of 13624906 09/22/2012ABN

**FOREIGN APPLICATIONS**

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03/09/2021

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**STATE OR COUNTRY**

UNITED STATES

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## PE2E SEARCH - Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | British Equivalents | Time Stamp |
|---|---|---|---|---|---|---|---|
| L1 | 26 | ("10148730" OR "20010052019" OR "20030097410" OR "20060080397" OR "20060224674" OR "20070156434" OR "20070271344" OR "20080046807" OR "20120278404" OR "20120317280" OR "20130283189" OR "20140067865" OR "20140067929" OR "20140222917" OR "20150134751" OR "6687741" OR "7330997" OR "7502754" OR "7761531" OR "8078688" OR "8140506" OR "8825597" OR "9049176" OR "9075954" OR "9251508" OR "9606972").pn. | (US-PGPUB; USPAT) | OR | ON | ON | 2022/07/30 03:48 PM |
| L2 | 501963 | (H04L51/08 or G06F3/0482 or G06F9/451 or G06F16/168 or G06Q10/107 or H04L51/18 or H04L51/48 or H04L67/06 or G06F3/04817 or G06F2203/04803 or H04L51/234 or H04L51/42 or H04L51/52).cpc. | (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) | OR | ON | ON | 2022/07/30 03:52 PM |
| L3 | 4 | ((("MOTION") near3 ("OFFENSE") near3 ("LLC"))).AS,AANM. | (USPAT) | OR | ON | ON | 2022/07/30 03:59 PM |
| L4 | 269 | ((("Morris") near3 ("Robert") near3 ("Paul"))).INV. | (US-PGPUB; USPAT; USOCR) | OR | ON | ON | 2022/07/30 04:03 PM |
| L5 | 132 | ((("Morris") near3 ("Robert") near3 ("Paul"))).INV. | (USPAT) | OR | ON | ON | 2022/07/30 04:05 PM |

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|---|---|---|---|---|---|---|---|
| L6 | 13 | "10013158".pn. | (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) | OR | ON | ON | 2022/07/30 05:34 PM |
| L7 | 11 | ("11044215" "10021052" "10587548").pn. | (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB) | OR | ON | ON | 2022/07/30 06:16 PM |
| L9 | 50 | ("20060101127" "20090182609" "10339299") | (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) | OR | ON | ON | 2022/07/30 06:19 PM |
| L12 | 1024 | ((web ADJ based$4) HTML) adj2 (email$4 e-mail$4 (electronic ADJ (mail$4 messag$5))) AND (shar$5 near9 (file$4 folder$4) ) AND @ad<"20120922" | (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, | OR | ON | ON | 2022/07/30 06:28 PM |

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| | | | NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB) | | | | |
| L13 | 190 | (H04L51/08 OR G06F3/0482 OR G06F9/451 OR G06F16/168 OR G06Q10/107 OR H04L51/18 OR H04L51/48 OR H04L67/06 OR G06F3/04817 OR G06F2203/04803 OR H04L51/234 OR H04L51/42 OR H04L51/52).cpc. AND ((web ADJ based$4) HTML) adj2 (email$4 e-mail$4 (electronic ADJ (mail$4 messag$5))) AND (shar$5 near9 (file$4 folder$4) ) AND @ad<"20120922" | (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB) | OR | ON | ON | 2022/07/30 06:29 PM |
| L14 | 616814 | ( (G06Q10/107 OR G06Q50/32 OR G06Q10/10 OR G06Q50/01 OR H04L51/08 OR H04L51/42 OR H04L67/535 OR H04L51/18 OR H04L51/214 OR H04L67/306 OR H04L51/226 OR H04L51/48 OR H04L67/02 OR H04L51/234).cpc.) | (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB) | OR | ON | ON | 2022/07/30 06:53 PM |
| L15 | 1395 | ((web ADJ based$4) HTML) near9 (email$4 e-mail$4 (electronic ADJ (mail$4 messag$5))) AND ((select$4 choos$4 chose$4 choice$4 click$4) near9 (file$4 folder$4)) AND (shar$5 near10 (file$4 folder$4) ) AND @ad<"20120922" | (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; | OR | ON | ON | 2022/07/30 06:54 PM |

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|---|---|---|---|---|---|---|---|
| | | | JPO; DERWENT; IBM_TDB) | | | | |
| L16 | 171 | ((web ADJ based$4) HTML) near9 (email$4 e-mail$4 (electronic ADJ (mail$4 messag$5))) AND ((select$4 choos$4 chose$4 choice$4 click$4) near9 (file$4 folder$4)) AND (shar$5 near10 (file$4 folder$4) WITH attach$6) AND @ad<"20120922" | (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB) | OR | ON | ON | 2022/07/30 06:55 PM |
| L17 | 28 | ("20040025057" "20090313348" "20070100991") | (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) | OR | ON | ON | 2022/07/30 06:56 PM |
| L18 | 0 | 15 AND ("20040025057" "20090313348" "20070100991") | (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) | OR | ON | ON | 2022/07/30 06:56 PM |
| L19 | 0 | 12 AND ("20040025057" "20090313348" "20070100991") | (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, | OR | ON | ON | 2022/07/30 06:57 PM |

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| | | | IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB) | | | | |
| L28 | 55 | (menu$5 WITH attach$5) AND ((web ADJ based$4) HTML) adj2 (email$4 e-mail$4 (electronic ADJ (mail$4 messag$5))) AND (shar$5 near9 (file$4 folder$4) ) AND @ad<"20120922" | (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB) | OR | ON | ON | 2022/07/30 07:57 PM |
| L29 | 31 | ( (G06Q10/107 OR G06Q50/32 OR G06Q10/10 OR G06Q50/01 OR H04L51/08 OR H04L51/42 OR H04L67/535 OR H04L51/18 OR H04L51/214 OR H04L67/306 OR H04L51/226 OR H04L51/48 OR H04L67/02 OR H04L51/234).cpc.) AND (menu$5 WITH attach$5) AND ((web ADJ based$4) HTML) adj2 (email$4 e-mail$4 (electronic ADJ (mail$4 messag$5))) AND (shar$5 near9 (file$4 folder$4) ) AND @ad<"20120922" | (US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB) | OR | ON | ON | 2022/07/30 08:02 PM |

## PE2E SEARCH - Search History (Interference)

There are no Interference searches to show.

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

| | |
|---|---|
| Application Number | 17187621 |
| Filing Date | 2021-02-26 |
| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

**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 | 10148730 | B2 | 2018-12-04 | Houston et al. | |
| | 2 | 6687741 | B1 | 2004-02-03 | Ramaley et al. | |
| | 3 | 7330997 | B1 | 2008-02-12 | Odom | |
| | 4 | 7502754 | B2 | 2009-03-10 | Campbell et al. | |
| | 5 | 7761531 | B2 | 2010-07-20 | Johnson et al. | |
| | 6 | 8078688 | B2 | 2011-12-13 | Ansari et al. | |
| | 7 | 8140506 | B2 | 2012-03-20 | Pennington | |
| | 8 | 8825597 | B1 | 2014-09-02 | Houston et al. | |



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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99) | | |
|---|---|---|
| | Application Number | 17187621 |
| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

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|---|---|---|---|---|---|---|
| | 9 | 9049176 | B2 | 2015-06-02 | Ferdowsi et al. | |
| | 10 | 9075954 | B2 | 2015-07-07 | Kirigin et al. | |
| | 11 | 9251508 | B2 | 2016-02-02 | Bishop | |
| | 12 | 9606972 | B2 | 2017-03-28 | Filman et al. | |

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|---|---|---|---|---|---|---|
| | 1 | 20010052019 | A1 | 2001-12-13 | Walters et al. | |
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| | 3 | 20060080397 | A1 | 2006-04-13 | Chene et al. | |
| | 4 | 20060224674 | A1 | 2006-10-05 | Buchheit et al. | |
| | 5 | 20070156434 | A1 | 2007-07-05 | Martin et al. | |



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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99) | | |
|---|---|---|
| | Application Number | 17187621 |
| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

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| | 6 | 20070271344 | A1 | 2007-11-22 | Danasekaran et al. | |
| | 7 | 20080046807 | A1 | 2008-02-21 | Margitich et al. | |
| | 8 | 20120278404 | A1 | 2012-11-01 | Meisels et al. | |
| | 9 | 20120317280 | A1 | 2012-12-13 | Love et al. | |
| | 10 | 20130283189 | A1 | 2013-10-24 | Basso et al. | |
| | 11 | 20140067865 | A1 | 2014-03-06 | Kirigin | |
| | 12 | 20140067929 | A1 | 2014-03-06 | Kirigin et al. | |
| | 13 | 20140222917 | A1 | 2014-08-07 | Poirier | |
| | 14 | 20150134751 | A1 | 2015-05-14 | Meyers Jr. et al. | |

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99) | | |
|---|---|---|
| | Application Number | 17187621 |
| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1 | 2003102721 | WO | A3 | 2005-09-22 | Parker | | |

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| | 2 | Web Archived Page, Dropbox Channel (https://web.archive.org/web/20120506033225/https://ifttt.com/dropbox) | |
| | 3 | Web Archived Page, http://web.archive.org/web/20100329160458/http://www.dropbox.com:80/tour/3 ("Dropbox File Sharing") | |
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| | 5 | Web Archived Page, http://web.archive.org/web/20111231043659/http://blog.dropbox.com/?paged=2 (The Dropbox Blog 2") | |
| | 6 | Web Archived Page, https://web.archive.org/web/20100508115738/https://www.howtogeek.com/howto/16310/user-guide-to-dropbox-shared-folders ("User Guide to Dropbox Shared Folders") (DRBX_MoOff_000019645 DRBX_MoOff_000019657) | |
| | 7 | Web Archived Page, https://web.archive.org/web/20100627073536/https:/www.ampercent.com/link-to-dropbox-files-folders-short-url/6215/ ("Link to any Dropbox File or Folder Using a Short URL") | |
| | 8 | Web Archived Page, https://web.archive.org/web/20100924084858/http://kb.sharefile.com/questions/51/How+do+I+move,+copy+edit+or+delete+items ("How do I move, copy edit or delete items?") | |



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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99) | | |
|---|---|---|
| | Application Number | 17187621 |
| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

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|---|---|---|
| | 9 | Web Archived Page, https://web.archive.org/web/20101103050813/http://kb.sharefile.com/questions/10/Drive+Mapping ("Drive Mapping") |
| | 10 | Web Archived Page, https://web.archive.org/web/20101119042107/http://kb.sharefile.com:80/getattachment.php?data=MTA4fEFkbWlulEd1aWRILnBkZg%3D%3D ("ShareFile Admin Guide") |
| | 11 | Web Archived Page, https://web.archive.org/web/20101119042112/http://kb.sharefile.com:80/getattachment.php?data=MTA4fENsaWVudF9HdWlkZV9HZXR0aW5nX1N0YXJ0ZWQucGRm ("ShareFile Client Guide") |
| | 12 | Web Archived Page, https://web.archive.org/web/20101119042117/http://kb.sharefile.com:80/getattachment.php?data=MTA4fEVtcGxveeWVlIEd1aWRILnBkZg%3D%3D ("ShareFile Employee Guide") |
| | 13 | Web Archived Page, https://web.archive.org/web/20101127032936/http://kb.sharefile.com/questions/79/Email+Notifications ("Email Notifications") |
| | 14 | Web Archived Page, https://web.archive.org/web/20101224061615/http://kb.sharefile.com/questions/46/How+do+I+Send+a+File ("How do I Send a File?") |
| | 15 | Web Archived Page, https://web.archive.org/web/20101226185701/http://www.thenerdyteacher.com:80/2010/03/dropbox-must-for-all-teachers.html ("Dropbox: A Must For All Teachers") |
| | 16 | Web Archived Page, https://web.archive.org/web/20110124021020/http://blog.dropbox.com/?paged=4 ("The Dropbox Blog") |
| | 17 | Web Archived Page, https://web.archive.org/web/20110128222755/http://kb.sharefile.com/questions/112/ShareFile+Sync ("ShareFile Sync") |
| | 18 | Web Archived Page, https://web.archive.org/web/20110312090335/http://kb.sharefile.com/questions/85/Can+I+send+an+entire+folder ("Can I send an entire folder?") |
| | 19 | Web Archived Page, https://web.archive.org/web/20110614103622/http://www.dropbox.com/ ("Dropbox") (DRBX_MoOff_000019996-DRBX_MoOff_000019996) |



ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.W.C/

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|---|---|---|
| | 20 | Web Archived Page, https://web.archive.org/web/20110616021432/http://www.dropbox.com:80/help/66 ("Can I Add Comments to My Shared Folders in |
| | 21 | Web Archived Page, https://web.archive.org/web/20110616021432/http://www.dropbox.com:80/help/66 ("Can I Add Comments to My Shared Folders in Dropbox?") |
| | 22 | Web Archived Page, https://web.archive.org/web/20110617050204/http://www.dropbox.com/tour ("What is Dropbox?") (DRBX_MoOff_000020037-DRBX_MoOff_000020039) |
| | 23 | Web Archived Page, https://web.archive.org/web/20110618001105/https://www.dropbox.com/tour/2 ("Be Anywhere") (DRBX_MoOff_000020092-DRBX_MoOff_000020092) |
| | 24 | Web Archived Page, https://web.archive.org/web/20110711043710/http://kb.sharefile.com:80/questions/50/How+do+I+request+that+someone+send+files+to+me ("How do I request that someone send files to me?") |
| | 25 | Web Archived Page, https://web.archive.org/web/20110716051250/http:/www.sharefile.com/ ("ShareFile") |
| | 26 | Web Archived Page, https://web.archive.org/web/20110716055921/http://www.sharefile.com/about/feature-list.aspx ("Full Feature List") |
| | 27 | Web Archived Page, https://web.archive.org/web/20110717024147/https://www.dropbox.com/ipad ("Dropbox for iPad") |
| | 28 | Web Archived Page, https://web.archive.org/web/20110717071758/dropbox.com/anywhere ("Dropbox Anywhere") |
| | 29 | Web Archived Page, https://web.archive.org/web/20110717081333/http://www.dropbox.com/android ("Dropbox for Android") |
| | 30 | Web Archived Page, https://web.archive.org/web/20110717170248/http://www.dropbox.com/blackberry ("Dropbox for BlackBerry") |



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|---|---|---|
| | 31 | Web Archived Page, https://web.archive.org/web/20110717172630/http://www.dropbox.com/iphoneapp ("Dropbox for iPhone") |
| | 32 | Web Archived Page, https://web.archive.org/web/20110717231355/https://www.dropbox.com/tour/4 ("Always Safe") (DRBX_MoOff_000020094-DRBX_MoOff_000020094) |
| | 33 | Web Archived Page, https://web.archive.org/web/20110718025513/https://www.dropbox.com/tour/5 ("Surprise Yourself") (DRBX_MoOff_000020040- DRBX_MoOff_000020040) |
| | 34 | Web Archived Page, https://web.archive.org/web/20110728065932/http:/prolost.com/blog/2011/6/10/dropbox-etiquette.html ("Dropbox Etiquette") |
| | 35 | Web Archived Page, https://web.archive.org/web/20110809141806/http://www.sharefile.com/about/index.aspx ("ShareFile Overview") |
| | 36 | Web Archived Page, https://web.archive.org/web/20110809141854/http://www.sharefile.com/about/mobile.aspx ("Mobile Access") |
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| | 38 | Web Archived Page, https://web.archive.org/web/20110811195409/http://www.sharefile.com/about/product-tour.aspx ("Product Tour") |
| | 39 | Web Archived Page, https://web.archive.org/web/20110902011429/http://www.dropbox.com/tour/3 ("Simple Sharing") (DRBX_MoOff_000020046-DRBX_MoOff_000020047) |
| | 40 | Web Archived Page, https://web.archive.org/web/20110904035622/http://blog.dropbox.com/?paged=2 ("Dropquest!") (DRBX_MoOff_000019634- DRBX_MoOff_000019644) |
| | 41 | Web Archived Page, https://web.archive.org/web/20111026110035/http://www.cs.princeton.edu:80/courses/archive/fall11/cos402/ ("Turning in assignments") |



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| | Attorney Docket Number | DR0149E-CIP |

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| | 42 | Web Archived Page, https://web.archive.org/web/20120118105201/https:/9to5google.com/2011/12/23/dropbox-releases-v2-0-android-app-with-ics-support-offerswhopping-500mb-more-space-to-students/ ("Dropbox releases v2.0 Android app") |
| | 43 | Web Archived Page, https://web.archive.org/web/20120119141346/https://www.dropbox.com/help/19 ("Dropbox – How do I share Folders with Other People") |
| | 44 | Web Archived Page, https://web.archive.org/web/20120119184724/https://www.dropbox.com/help/18 ("Dropbox What is the Photos Folder for?") |
| | 45 | Web Archived Page, https://web.archive.org/web/20120126003606/https://www.dropbox.com/help/167 ("How do I share a link to a file in my Dropbox folder?") |
| | 46 | Web Archived Page, https://web.archive.org/web/20120126161148/http://www.feedmyinbox.com/new-here/ ("FeedMyInbox") |
| | 47 | Web Archived Page, https://web.archive.org/web/20120127122506/http://www.nathankowald.com/blog/2011/10/dropbox-tracking-shared-folder-changes/ ("Dropbox – Tracking shared folder changes") |
| | 48 | Web Archived Page, https://web.archive.org/web/20120127170809/http://www.dropbox.com/help/140 ("Dropbox - How can I tell if a file or folder is shared, public, or private?") |
| | 49 | Web Archived Page, https://web.archive.org/web/20120127195127/http://www.dropbox.com/help/156 ("How do I unshare or kick out a member of a shared folder?") |
| | 50 | Web Archived Page, https://web.archive.org/web/20120128023921/http://www.dropbox.com/help/85 ("How do I Share a Link to a File from My Phone or Tablet?") |

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

**EXAMINER SIGNATURE**

| Examiner Signature | /JUNGWON CHANG/ | Date Considered | 07/30/2022 |
|---|---|---|---|

*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.



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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99) | | |
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| | Application Number | 17187621 |
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| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

[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.



ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.W.C/

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| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

**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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-07-20 |
|---|---|---|---|
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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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## 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 record s.

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.



ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.W.C/

Doc code: RCEX
Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (01-22)
Approved for use through 05/31/2024. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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# REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
## (Submitted Only via EFS-Web)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Application Number | 17/187,621 | Filing Date | 2021-02-26 | Docket Number (if applicable) | DR0149E-CIP | Art Unit | 2454 |
| First Named Inventor | Robert Paul Morris | | | Examiner Name | Jungwon CHANG | | |

**This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.**
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

### SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

- ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ☐ Other _____

☒ Enclosed

- ☐ Amendment/Reply
- ☒ Information Disclosure Statement (IDS)
- ☐ Affidavit(s)/ Declaration(s)
- ☐ Other _____

### MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

### FEES

☒ **The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.**
The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 504964

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

Applicant Signature

Doc code: RCEX
Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (01-22)
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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.

| Signature of Registered U.S. Patent Practitioner | | | |
|---|---|---|---|
| Signature | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-08-16 |
| Name | Patrick Caldwell | Registration Number | 44580 |

This collection of information is required by 37 CFR 1.114. 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 1.11 and 1.14. This collection is estimated to take 12 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, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

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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.

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

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

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| Application Number | 17187621 |
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| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

**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 |
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| | 1 | 10089479 | B2 | 2018-10-02 | Zhang et al. | |
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| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

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| | Examiner Name | Jungwon CHANG |
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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.

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.

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# ELECTRONIC PAYMENT RECEIPT

| APPLICATION # | RECEIPT DATE / TIME | ATTORNEY DOCKET # |
|---|---|---|
| 17/187,621 | 08/16/2022 07:58:46 PM ET | DR0149E-CIP |

## Title of Invention

METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

## Application Information

| | | | |
|---|---|---|---|
| APPLICATION TYPE | Utility - Nonprovisional Application under 35 USC 111(a) | PATENT # | - |
| CONFIRMATION # | 6735 | FILED BY | Patrick Caldwell |
| PATENT CENTER # | 60879631 | AUTHORIZED BY | - |
| CUSTOMER # | 92045 | FILING DATE | 02/26/2021 |
| CORRESPONDENCE ADDRESS | - | FIRST NAMED INVENTOR | Robert Paul Morris |

## Payment Information

| PAYMENT METHOD | PAYMENT TRANSACTION ID | PAYMENT AUTHORIZED BY |
|---|---|---|
| CARD / 0581 | E20228FJ59520395 | Patrick Caldwell |

| FEE CODE | DESCRIPTION | ITEM PRICE($) | QUANTITY | ITEM TOTAL($) |
|---|---|---|---|---|
| 2817 | REQUEST FOR PRIORITIZED EXAMINATION | 2100.00 | 1 | 2100.00 |
| 2830 | PROCESSING FEE, EXCEPT IN PROVISIONAL APPLICATIONS | 70.00 | 1 | 70.00 |
| 2820 | REQUEST FOR CONTINUED EXAMINATION (RCE)- 2ND AND SUBSEQUENT REQUEST (SEE 37 CFR 1.114) | 1000.00 | 1 | 1000.00 |
| | | | TOTAL AMOUNT: | $3,170.00 |

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.

**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.

**Doc Code: TRACK1.REQ**
**Document Description: TrackOne Request**

PTO/AIA/424 (04-14)

## CERTIFICATION AND REQUEST FOR PRIORITIZED EXAMINATION UNDER 37 CFR 1.102(e) (Page 1 of 1)

| | | | |
|---|---|---|---|
| First Named Inventor: | Robert Paul Morris | Nonprovisional Application Number (if known): | 17/187,621 |
| Title of Invention: | METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION | | |

**APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS PRIORITIZED EXAMINATION FOR THE ABOVE-IDENTIFIED APPLICATION.**

1. The processing fee set forth in 37 CFR 1.17(i)(1) and the prioritized examination fee set forth in 37 CFR 1.17(c) have been filed with the request. The publication fee requirement is met because that fee, set forth in 37 CFR 1.18(d), is currently $0. The basic filing fee, search fee, and examination fee are filed with the request or have been already been paid. I understand that any required excess claims fees or application size fee must be paid for the application.

2. I understand that the application may not contain, or be amended to contain, more than four independent claims, more than thirty total claims, or any multiple dependent claims, and that any request for an extension of time will cause an outstanding Track I request to be dismissed.

3. The applicable box is checked below:

**I. ☐ Original Application (Track One) - Prioritized Examination under § 1.102(e)(1)**

i. (a) The application is an original nonprovisional utility application filed under 35 U.S.C. 111(a). This certification and request is being filed with the utility application via EFS-Web.

---OR---

(b) The application is an original nonprovisional plant application filed under 35 U.S.C. 111(a). This certification and request is being filed with the plant application in paper.

ii. An executed inventor's oath or declaration under 37 CFR 1.63 or 37 CFR 1.64 for each inventor, **or** the application data sheet meeting the conditions specified in 37 CFR 1.53(f)(3)(i) is filed with the application.

**II. ☑ Request for Continued Examination - Prioritized Examination under § 1.102(e)(2)**

i. A request for continued examination has been filed with, or prior to, this form.
ii. If the application is a utility application, this certification and request is being filed via EFS-Web.
iii. The application is an original nonprovisional utility application filed under 35 U.S.C. 111(a), or is a national stage entry under 35 U.S.C. 371.
iv. This certification and request is being filed prior to the mailing of a first Office action responsive to the request for continued examination.
v. No prior request for continued examination has been granted prioritized examination status under 37 CFR 1.102(e)(2).

| | |
|---|---|
| Signature /Patrick Caldwell/ | Date 16 Aug 2022 |
| Name (Print/Typed) Patrick Caldwell | Practitioner Registration Number 44580 |

***Note:*** *This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required.**

☐ *Total of _____ forms are submitted.

# 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)).
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# ELECTRONIC ACKNOWLEDGEMENT RECEIPT

| APPLICATION # | RECEIPT DATE / TIME | ATTORNEY DOCKET # |
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| **17/187,621** | **08/16/2022 07:58:46 PM ET** | **DR0149E-CIP** |

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METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

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| CONFIRMATION # | 6735 | FILED BY | Patrick Caldwell |
| PATENT CENTER # | 60879631 | FILING DATE | 02/26/2021 |
| CUSTOMER # | 92045 | FIRST NAMED INVENTOR | Robert Paul Morris |
| CORRESPONDENCE ADDRESS | - | AUTHORIZED BY | - |

## Documents

**TOTAL DOCUMENTS: 3**

| DOCUMENT | PAGES | DESCRIPTION | SIZE (KB) |
|---|---|---|---|
| DR0149E-CIP_TRACK1_20220816_vF.pdf | 2 | Track One Request | 131 KB |
| DR0149E-CIP_IDS_20220816_vF.pdf | 20 | Information Disclosure Statement (IDS) Form (SB08) | 1256 KB |
| DR0149E-CIP_RCE_20220816_vF.pdf | 3 | Request for Continued Examination (RCE) | 1642 KB |

## Digest

| DOCUMENT | MESSAGE DIGEST(SHA-512) |
|---|---|
| DR0149E-CIP_TRACK1_20220816_vF.pdf | 4390D074804DAB547AE61B64637D06AB7B56E9AA5A14AE194F763E200F76FC296E4EED1B16A48A6F6B384EA4964F4D617EDAE6132A8B6634EF56A38B2E6A565F |
| DR0149E-CIP_IDS_20220816_vF.pdf | 1CF3E10AB97973E230CD4B9D9C9410414FCDD3B40E40AA25A8394F2C5C6239A431EC17FEA065857D10D8D2A0A768A683E0AAC8A6BB02A44B3179D3BC5CA49A76 |
| DR0149E-CIP_RCE_20220816_vF.pdf | 612907B1CFF308E455B7ACCBB49A952BCFED33A1ABAA9F53D493EB5874C770733CF72CF3888574E9CD94F82229FF54562BDA90873C32BAC01660495C834F0DA6 |

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**New Applications Under 35 U.S.C. 111**

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**New International Application Filed with the USPTO as a Receiving Office**

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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 17/187,621 | 02/26/2021 | Robert Paul Morris | DR0149E-CIP | 6735 |

92045 7590 08/23/2022

The Caldwell Firm, LLC
PO Box 59655
Dept. SVIPGP
Dallas, TX 75229

| EXAMINER | |
|---|---|
| CHANG, JUNGWON | |

| ART UNIT | PAPER NUMBER |
|---|---|
| 2454 | |

| NOTIFICATION DATE | DELIVERY MODE |
|---|---|
| 08/23/2022 | 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):

caldwelldocketing@gmail.com
eofficeaction@appcoll.com
pcaldwell@thecaldwellfirm.com

| ***Decision Granting Request for Prioritized Examination (Track I)*** | **Application No.** 17/187,621 | **Applicant(s)** Morris, Robert Paul | |
|---|---|---|---|
| | **Examiner** JoAnne L Burke | **Art Unit** OPET | **AIA (FITF) Status** No |

1. THE REQUEST FILED 16 August 2022 IS **GRANTED** .

The above-identified application has met the requirements for prioritized examination
- A. ☐ for an original nonprovisional application (Track I).
- B. ☑ for an application undergoing continued examination (RCE).

2. **The above-identified application will undergo prioritized examination**. The application will be accorded special status throughout its entire course of prosecution until one of the following occurs:
   - A. filing a **petition for extension of time** to extend the time period for filing a reply;
   - B. filing an **amendment to amend the application to contain more than four independent claims, more than thirty total claims** , or a multiple dependent claim;
   - C. filing a **request for continued examination** ;
   - D. filing a notice of appeal;
   - E. filing a request for suspension of action;
   - F. mailing of a notice of allowance;
   - G. mailing of a final Office action;
   - H. completion of examination as defined in 37 CFR 41.102; or
   - I. abandonment of the application.

Telephone inquiries with regard to this decision should be directed to JoAnne Burke at (571)272-4584. In his/her absence, calls may be directed to Petition Help Desk at (571) 272-3282.

/JOANNE L BURKE/
Lead Paralegal Specialist, OPET

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 | 17187621 |
| Filing Date | 2021-02-26 |
| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99) | | |
|---|---|---|
| | Application Number | 17187621 |
| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

| | | | |
|---|---|---|---|
| | 1 | Archived Website, "Easilycollectphotos,docs,andmorewithfilerequests" available at https://web.archive.org/web/20150623212800/https://blogs.dropbox.com/dropbox/2015/06/introducing-file-requests/ | |
| | 2 | Archived Website, "Egnyte" available at https://web.archive.org/web/20110829073249/http://www.egnyte.com/ | |
| | 3 | Archived Website, "Egnyte'sHybridCloudSolutionforFastLocalAccess" available at https://web.archive.org/web/20120107035047/http://www.egnyte.com/online-storage/fast-local-access.html | |
| | 4 | Archived Website, "EgnyteHybridCloud-HowitWorks" available at https://web.archive.org/web/20120111234356/http://www.egnyte.com/online-storage/online-storage-overview.html | |
| | 5 | Archived Website, "EgnyteHybridCloudReplacesTraditionalFileServers" available at https://web.archive.org/web/20120107034611/http://www.egnyte.com/file-server/online-file-server.html | |
| | 6 | Archived Website, "EgnyteMainPage" available at https://web.archive.org/web/20110829073249/http://www.egnyte.com/ | |
| | 7 | Archived Website, "EmailAliasesOverviewandFAQs" available at https://web.archive.org/web/20130525071404/https://support.box.com/entries/22999258email-aliases-overview-and-faqs | |
| | 8 | Archived Website, "Emailchannel" available at https://web.archive.org/web/20120106091442/http://ifttt.com/channels/email | |
| | 9 | Archived Website, "FAQandKnowledgeBase" available at https://web.archive.org/web/20110628212458/https://www.tgrmn.com/web/kb/item78.htm | |
| | 10 | Archived Website, "Features–CompleteList" available at https://web.archive.org/web/20110710173357/https://www.egnyte.com/file-server/online-file-server-features.html | |
| | 11 | Archived Website, "Features–FileSharing" available at https://web.archive.org/web/20110904112855/http://www.egnyte.com/file-sharing/online-file-sharing-features.html | |

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| | Attorney Docket Number | DR0149E-CIP |

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| | 12 | Archived Website, "FeedMyInbox" available at https://web.archive.org/web/20120126151148/http://www.feedmyinbox.com/new-here/ | |
| | 13 | Archived Website, "FileAccesswithAnyMobileDeviceorComputer" available at https://web.archive.org/web/20120106185041/http://www.egnyte.com/file-server/mobile-access.html | |
| | 14 | Archived Website, "Filerequests,nowavailableforDropboxforBusiness" available at https://web.archive.org/web/20160409155922/https://blogs.dropbox.com/business/2015/07/file-requests-now-available/ | |
| | 15 | Archived Website, "FileSharingUsinganOnlineFileServer" available at https://web.archive.org/web/20120119151045/http://www.egnyte.com/file-sharing/online-file-sharing.html | |
| | 16 | Archived Website, "Flickr:GroupsGuidelines" available at https://web.archive.org/web/20100208205204/http://www.flickr.com:80/groups_guidelines.gne | |
| | 17 | Archived Website, "Flickr:Help" available at https://web.archive.org/web/20101126111807/http://www.flickr.com/help/faq/ | |
| | 18 | Archived Website, "Flickr:Help:Sharing" available at https://web.archive.org/web/20101126111532/http://www.flickr.com/help/sharing/#2182 | |
| | 19 | Archived Website, "Flickr:Help_Groups" available at https://web.archive.org/web/20100417082201/http://www.flickr.com:80/help/groups/ | |
| | 20 | Archived Website, "FlickrChannel" available at https://web.archive.org/web/20120113223941/http://ifttt.com/channels/flickr | |
| | 21 | Archived Website, "FrequentlyAskedQuestions" available at https://web.archive.org/web/20100821092749/http://www.airdropper.com/faq | |
| | 22 | Archived Website, "Get Files Sent to Your Dropbox via Email or a Webpage", available at https://web.archive.org/web/20101029202523/http://www.howtogeek.com:80/howto/33115/get-files-sent-to-your-dropbox-via-email-or-a-webpage/ | |

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| | 23 | Archived Website, "GettingStarted:MyFirstSend" available at https://web.archive.org/web/20120318233825/http://www.attachmore.com/Support/my_first_send.aspx | |
| | 24 | Archived Website, "GoogleDrive:TheProsandCons" available at https://web.archive.org/web/20120427002309/https://www.pcworld.com/article/254457/google_drive_the_pros_and_cons.html | |
| | 25 | Archived Website, "How do I Share a Link to a File from My Phone or Tablet?", available at https://web.archive.org/web/20120128023921/http://www.dropbox.com/help/85 | |
| | 26 | Archived Website, "How do I share a link to a file in my Dropbox folder?", available at https://web.archive.org/web/20120126003606/https://www.dropbox.com/help/167 | |
| | 27 | Archived Website, "How do I unshare or kick out a member of a shared folder?", available at https://web.archive.org/web/20120127195127/http://www.dropbox.com/help/156 | |
| | 28 | Archived Website, "HowaresharedfoldersdifferentonTeamsthanonfreeorProaccounts?" available at https://web.archive.org/web/20120127221042/http://www.dropbox.com/help/224 | |
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| | 30 | Archived Website, "HowdoIchangemyemailaddress?" available at https://web.archive.org/web/20130620140100/https://support.box.com/entries/23596407-How-do-I-change-my-email-address- | |
| | 31 | Archived Website, "HowdoIdownloadfilesonBox?" available at https://web.archive.org/web/20130619192400/https://support.box.com/entries/20361276-how-do-i-download-files-on-box | |
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## CERTIFICATION STATEMENT

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**OR**

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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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-08-23 |
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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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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 Number | 17187621 |
| Filing Date | 2021-02-26 |
| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

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| | 45 | YouTube Webpage, "IntrotoTEAMCenterBox.Net" available at https://www.youtube.com/watch?v=hkl-A_G-Gyc |
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See attached certification statement.

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| | | | |
|---|---|---|---|
| Signature | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-08-23 |
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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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.

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| Application Number | 17187621 |
| Filing Date | 2021-02-26 |
| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

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| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

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| Signature | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-08-23 |
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| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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| | Examiner Name | Jungwon CHANG |
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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).

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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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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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-08-23 |
|---|---|---|---|
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
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[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 | 17187621 |
| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

**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**

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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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-08-23 |
|---|---|---|---|
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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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| APPLICATION # | RECEIPT DATE / TIME | ATTORNEY DOCKET # |
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| **17/187,621** | **08/23/2022 11:18:01 PM ET** | **DR0149E-CIP** |

## Title of Invention

METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

## Application Information

| | | | |
|---|---|---|---|
| APPLICATION TYPE | Utility - Nonprovisional Application under 35 USC 111(a) | PATENT # | - |
| CONFIRMATION # | 6735 | FILED BY | Patrick Caldwell |
| PATENT CENTER # | 60900669 | FILING DATE | 02/26/2021 |
| CUSTOMER # | 92045 | FIRST NAMED INVENTOR | Robert Paul Morris |
| CORRESPONDENCE ADDRESS | - | AUTHORIZED BY | - |

## Documents

**TOTAL DOCUMENTS: 17**

| DOCUMENT | PAGES | DESCRIPTION | SIZE (KB) |
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| DR0149E-CIP_IDS_20220823_2_OF_8_vF.pdf | 8 | Information Disclosure Statement (IDS) Form (SB08) | 1254 KB |
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Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

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

| | |
|---|---|
| Application Number | 17187621 |
| Filing Date | 2021-02-26 |
| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

**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 |
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| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99) | | |
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| | Attorney Docket Number | DR0149E-CIP |

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| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**( Not for submission under 37 CFR 1.99)**

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| Application Number | 17187621 |
| Filing Date | 2021-02-26 |
| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

## 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**

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See attached certification statement.

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☒ 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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-08-23 |
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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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Doc description: Information Disclosure Statement (IDS) Filed

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| Signature | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-08-23 |
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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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] |
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| 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 | 17187621 |
| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

| | | |
|---|---|---|
| | 1 | YouTube Webpage, "Site Isolation Summit: Chromium Changes," available at https://www.youtube.com/watch?v=gkrKtVkJNPM&list=PL9ioqAuyl6UJmC0hyl-k1wYW08O71lBn8&index=3&t=3s&ab_channel=BlinkOn |
| | 2 | YouTube Webpage, "Site Isolation Summit: Overview," available at https://www.youtube.com/watch?v=3fdbC3DE0YQ&list=PL9ioqAuyl6UJmC0hyl-k1wYW08O71lBn8&index=2&t=1s&ab_channel=BlinkOn |
| | 3 | YouTube Webpage, "Student dropbox set up" available at https://www.youtube.com/watch?v=F2RhtH4ekGA |
| | 4 | YouTube Webpage, "Sync Files on Multiple Computers using DropBox" available at https://www.youtube.com/watch?v=O-E3tTc_BtU |
| | 5 | YouTube Webpage, "The Creative Process made easy with Box.net" available at https://www.youtube.com/watch?v=SUljJWX6VQs |
| | 6 | YouTube Webpage, "Top Five Dropbox Tip sand Tricks" available at https://www.youtube.com/watch?v=HBqCol3otgE |
| | 7 | YouTube Webpage, "Uploading Files to Box.net" available at https://www.youtube.com/watch?v=Tu47SPtDemk |
| | 8 | YouTube Webpage, "Using Dropbox to Receive Large Files Using Request File Option" available at https://www.youtube.com/watch?app=desktop&v=LPElajmQluY |
| | 9 | YouTube Webpage, "WhatisDropbox?Explained!OriginalDropboxVideo[HD]" available at https://www.youtube.com/watch?v=xy9nSnalvPc |

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

**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.

| INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99) | | |
|---|---|---|
| | Application Number | 17187621 |
| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

[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 | 17187621 |
| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

**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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-08-23 |
|---|---|---|---|
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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 record s.

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.

UNITED STATES
PATENT AND TRADEMARK OFFICE

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

# ELECTRONIC ACKNOWLEDGEMENT RECEIPT

| APPLICATION # | RECEIPT DATE / TIME | ATTORNEY DOCKET # |
|---|---|---|
| **17/187,621** | **08/24/2022 12:08:12 AM ET** | **DR0149E-CIP** |

## Title of Invention

METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

## Application Information

| | | | |
|---|---|---|---|
| APPLICATION TYPE | Utility - Nonprovisional Application under 35 USC 111(a) | PATENT # | - |
| CONFIRMATION # | 6735 | FILED BY | Patrick Caldwell |
| PATENT CENTER # | 60901328 | FILING DATE | 02/26/2021 |
| CUSTOMER # | 92045 | FIRST NAMED INVENTOR | Robert Paul Morris |
| CORRESPONDENCE ADDRESS | - | AUTHORIZED BY | - |

## Documents

**TOTAL DOCUMENTS: 2**

| DOCUMENT | PAGES | DESCRIPTION | SIZE (KB) |
|---|---|---|---|
| Binder1_Part8_reformatted.pdf | 333 | Non Patent Literature | 16606 KB |
| Binder1_Part2_reformatted.pdf | 122 | Non Patent Literature | 13114 KB |

## Digest

| DOCUMENT | MESSAGE DIGEST(SHA-512) |
|---|---|
| Binder1_Part8_reformatted.pdf | 4AA0FBC9807C5B5225891EEDDF17AA7683F481F89DE2E0915 8EFC823BA864AD845311F6852169FC904891F779E47064B997 |

| | |
|---|---|
| | 9453D56089C54DE4B2FFED7526F50 |
| Binder1_Part2_reformatted.pdf | 3BF16A5A4AB5D1696160B3007BF2FD054169BB4CB9FC56EC358B70476E1C87ADB374DD017774E8B350252210D7461FC732D6AB5B5DAC83EE7263C1422CAA0C04 |

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.

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UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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www.uspto.gov

# NOTICE OF ALLOWANCE AND FEE(S) DUE

92045 7590 09/19/2022

The Caldwell Firm, LLC
PO Box 59655
Dept. SVIPGP
Dallas, TX 75229

| EXAMINER | |
|---|---|
| CHANG, JUNGWON | |
| ART UNIT | PAPER NUMBER |
| 2454 | |

DATE MAILED: 09/19/2022

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 17/187,621 | 02/26/2021 | Robert Paul Morris | DR0149E-CIP | 6735 |

TITLE OF INVENTION: METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

| APPLN. TYPE | ENTITY STATUS | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|---|---|---|---|---|---|---|
| nonprovisional | SMALL | $600 | $0.00 | $0.00 | $600 | 12/19/2022 |

**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. 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 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 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.

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

92045 7590 09/19/2022

The Caldwell Firm, LLC
PO Box 59655
Dept. SVIPGP
Dallas, TX 75229

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 EFS-Web 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. |
|---|---|---|---|---|
| 17/187,621 | 02/26/2021 | Robert Paul Morris | DR0149E-CIP | 6735 |

TITLE OF INVENTION: METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

| APPLN. TYPE | ENTITY STATUS | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|---|---|---|---|---|---|---|
| nonprovisional | SMALL | $600 | $0.00 | $0.00 | $600 | 12/19/2022 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|---|---|---|
| CHANG, JUNGWON | 2454 | 709-206000 |

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/AIA/122 or PTO/SB/122) attached.

❑ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/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 _____
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) ❑ Advance Order - # of Copies _____

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

❑ Electronic 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)

❑ 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. _____



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UNITED STATES DEPARTMENT OF COMMERCE
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www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 17/187,621 | 02/26/2021 | Robert Paul Morris | DR0149E-CIP | 6735 |

92045 7590 09/19/2022

The Caldwell Firm, LLC
PO Box 59655
Dept. SVIPGP
Dallas, TX 75229

| EXAMINER | |
|---|---|
| CHANG, JUNGWON | |
| **ART UNIT** | **PAPER NUMBER** |
| 2454 | |

DATE MAILED: 09/19/2022

**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

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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.
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)).
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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 | Application No. 17/187,621 | Applicant(s) Morris, Robert Paul | |
|---|---|---|---|
| | Examiner JUNGWON CHANG | Art Unit 2454 | 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 IDS filed on 08/23/2022, 08/16/2022.
   ☐ 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 21-44 . 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)
2. ☑ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date See Continuation Sheet.
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____.
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date. _____.
5. ☑ Examiner's Amendment/Comment
6. ☐ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/JUNGWON CHANG/
Primary Examiner, Art Unit 2454

Continuation of Attachment(s) 2. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date: 08/23/2022,08/23/2022,08/23/2022,08/23/2022,08/23/2022,08/23/2022,08/23/2022,08/23/2022,08/16/2022

***Notice of Pre-AIA or AIA Status***

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

***Information Disclosure Statement***

The information disclosure statements (IDS) submitted on 08/23/2022, 08/23/2022,08/23/2022,08/23/2022,08/23/2022,08/23/2022,08/23/2022,08/23/2022, and 08/16/2022 are in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statements are being considered by the examiner except Non-Patent Literatures (NPL) that do not include a publication date.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JUNGWON CHANG whose telephone number is (571)272-3960. The examiner can normally be reached 9AM-5:30PM.

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, GLENTON BURGESS can be reached on (571)272-3949. 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.

/JUNGWON CHANG/
Primary Examiner, Art Unit 2454
September 10, 2022

| Search Notes | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 17/187,621 | Morris, Robert Paul |
| | Examiner | Art Unit |
| | JUNGWON CHANG | 2454 |

| CPC - Searched* | | |
|---|---|---|
| **Symbol** | **Date** | **Examiner** |
| H04L 51/08, 18, 32, 22, 34 | 10/09/2021 | JWC |
| H04L 67/06 | 10/09/2021 | JWC |
| G06F 3/0482 | 10/09/2021 | JWC |
| G06Q 10/107 | 10/09/2021 | JWC |
| H04L 51/08, 18, 28, 34, 32, 22 | 03/29/2022 | JWC |
| H04L 67/06 | 03/29/2022 | JWC |
| G06F 3/0482 | 03/29/2022 | JWC |
| G06F 9/451 | 03/29/2022 | JWC |
| G06F 16/168 | 03/29/2022 | JWC |
| G06F 3/04817 | 03/29/2022 | JWC |
| G06F 2203/04803 | 03/29/2022 | JWC |
| G06Q 10/107 | 03/29/2022 | JWC |

| CPC Combination Sets - Searched* | | |
|---|---|---|
| **Symbol** | **Date** | **Examiner** |
| | | |

| US Classification - Searched* | | | |
|---|---|---|---|
| **Class** | **Subclass** | **Date** | **Examiner** |
| | | | |

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

| Search Notes | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 17/187,621 | Morris, Robert Paul |
| | Examiner | Art Unit |
| | JUNGWON CHANG | 2454 |

| Search Notes | | |
|---|---|---|
| **Search Notes** | **Date** | **Examiner** |
| East search report attached | 10/09/2021 | JWC |
| Google search report attached | 10/09/2021 | JWC |
| Inventor name searched | 10/09/2021 | JWC |
| PE2E search report attached | 03/29/2022 | JWC |
| Google, IP.com search report attached | 03/29/2022 | JWC |
| Inventor name searched | 03/29/2022 | JWC |
| PE2E search report attached | 07/30/2022 | JWC |
| Inventor name searched | 07/30/2022 | JWC |
| PE2E search report attached | 09/10/2022 | JWC |

| Interference Search | | | |
|---|---|---|---|
| **US Class/CPC Symbol** | **US Subclass/CPC Group** | **Date** | **Examiner** |
| H04L | 51/08, 18, 28, 34, 32, 22 | 03/29/2022 | JWC |
| H04L | 67/06 | 03/29/2022 | JWC |
| G06F | 3/0482 | 03/29/2022 | JWC |
| G06F | 9/451 | 03/29/2022 | JWC |
| G06F | 16/168 | 03/29/2022 | JWC |
| G06F | 3/04817 | 03/29/2022 | JWC |
| G06F | 2203/04803 | 03/29/2022 | JWC |
| G06Q | 10/107 | 03/29/2022 | JWC |

| Index of Claims | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 17/187,621 | Morris, Robert Paul |
| | Examiner | Art Unit |
| | JUNGWON CHANG | 2454 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ✓ | Rejected | - | Cancelled | N | Non-Elected | A | Appeal |
| = | Allowed | ÷ | Restricted | I | Interference | O | Objected |

**CLAIMS**

☑ Claims renumbered in the same order as presented by applicant ☐ CPA ☑ T.D. ☐ R.1.47

| CLAIM | | DATE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Final | Original | 10/09/2021 | 03/29/2022 | 07/30/2022 | 09/10/2022 | | | | | |
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| | 5 | ✓ | = | - | - | | | | | |
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| | 8 | ✓ | = | - | - | | | | | |
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| | 11 | ✓ | = | - | - | | | | | |
| | 12 | ✓ | = | - | - | | | | | |
| | 13 | ✓ | = | - | - | | | | | |
| | 14 | ✓ | = | - | - | | | | | |
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| | 18 | ✓ | = | - | - | | | | | |
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| | 20 | ✓ | = | - | - | | | | | |
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| 2 | 22 | | | = | = | | | | | |
| 3 | 23 | | | = | = | | | | | |
| 4 | 24 | | | = | = | | | | | |
| 5 | 25 | | | = | = | | | | | |
| 6 | 26 | | | = | = | | | | | |
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| 9 | 29 | | | = | = | | | | | |
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| 12 | 32 | | | = | = | | | | | |
| 13 | 33 | | | = | = | | | | | |
| 14 | 34 | | | = | = | | | | | |
| 15 | 35 | | | = | = | | | | | |
| 16 | 36 | | | = | = | | | | | |
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| 21 | 41 | | | = | = | | | | | |
| 22 | 42 | | | = | = | | | | | |

| Index of Claims | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 17/187,621 | Morris, Robert Paul |
| | **Examiner** | **Art Unit** |
| | JUNGWON CHANG | 2454 |

| CLAIM | | DATE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Final | Original | 10/09/2021 | 03/29/2022 | 07/30/2022 | 09/10/2022 | | | | | |
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| 24 | 44 | | | = | = | | | | | |

| Issue Classification | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 17/187,621 | Morris, Robert Paul |
| | **Examiner** | **Art Unit** |
| | JUNGWON CHANG | 2454 |

| CPC | | | | | | |
|---|---|---|---|---|---|---|
| **Symbol** | | | | | **Type** | **Version** |
| H04L | / | 51 | / | 08 | F | 2013-01-01 |
| H04L | / | 51 | / | 18 | I | 2013-01-01 |
| G06F | / | 3 | / | 0482 | I | 2013-01-01 |
| G06F | / | 9 | / | 451 | I | 2018-02-01 |
| H04L | / | 67 | / | 06 | I | 2013-01-01 |
| G06F | / | 16 | / | 168 | I | 2019-01-01 |
| G06Q | / | 10 | / | 107 | I | 2013-01-01 |
| H04L | / | 51 | / | 48 | I | 2022-05-01 |
| G06F | / | 3 | / | 04817 | A | 2013-01-01 |
| G06F | / | 2203 | / | 04803 | A | 2013-01-01 |
| H04L | / | 51 | / | 42 | A | 2022-05-01 |
| H04L | / | 51 | / | 52 | A | 2022-05-01 |
| H04L | / | 51 | / | 234 | A | 2022-05-01 |

| CPC Combination Sets | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Symbol** | | | | | **Type** | **Set** | **Ranking** | **Version** |
| | / | | / | | | | | |

| NONE | | Total Claims Allowed: | |
|---|---|---|---|
| (Assistant Examiner) | (Date) | 24 | |
| /JUNGWON CHANG/<br>Primary Examiner, Art Unit 2454 | 10 September 2022 | O.G. Print Claim(s) | O.G. Print Figure |
| (Primary Examiner) | (Date) | 1 | 4 |

U.S. Patent and Trademark Office — Part of Paper No.: 20220816

| Issue Classification | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 17/187,621 | Morris, Robert Paul |
| | **Examiner** | **Art Unit** |
| | JUNGWON CHANG | 2454 |

| INTERNATIONAL CLASSIFICATION | | | | |
|---|---|---|---|---|
| **CLAIMED** | | | | |
| H04L | / | 12 | / | 58 |

| NON-CLAIMED | | | | |
|---|---|---|---|---|
| | / | | / | |

| US ORIGINAL CLASSIFICATION | |
|---|---|
| **CLASS** | **SUBCLASS** |
| | |

| CROSS REFERENCES(S) | | | | | | |
|---|---|---|---|---|---|---|
| **CLASS** | **SUBCLASS (ONE SUBCLASS PER BLOCK)** | | | | | |
| | | | | | | |

| NONE | | Total Claims Allowed: | |
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| (Assistant Examiner) | (Date) | 24 | |
| /JUNGWON CHANG/<br>Primary Examiner, Art Unit 2454 | 10 September 2022 | O.G. Print Claim(s) | O.G. Print Figure |
| (Primary Examiner) | (Date) | 1 | 4 |

U.S. Patent and Trademark Office — Part of Paper No.: 20220816

| Issue Classification | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 17/187,621 | Morris, Robert Paul |
| | **Examiner** | **Art Unit** |
| | JUNGWON CHANG | 2454 |

☑ Claims renumbered in the same order as presented by applicant ☐ CPA ☑ T.D. ☐ R.1.47

**CLAIMS**

| Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original |
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| | 1 | | 10 | | 19 | 8 | 28 | 17 | 37 | | | | | | |
| | 2 | | 11 | | 20 | 9 | 29 | 18 | 38 | | | | | | |
| | 3 | | 12 | 1 | 21 | 10 | 30 | 19 | 39 | | | | | | |
| | 4 | | 13 | 2 | 22 | 11 | 31 | 20 | 40 | | | | | | |
| | 5 | | 14 | 3 | 23 | 12 | 32 | 21 | 41 | | | | | | |
| | 6 | | 15 | 4 | 24 | 13 | 33 | 22 | 42 | | | | | | |
| | 7 | | 16 | 5 | 25 | 14 | 34 | 23 | 43 | | | | | | |
| | 8 | | 17 | 6 | 26 | 15 | 35 | 24 | 44 | | | | | | |
| | 9 | | 18 | 7 | 27 | 16 | 36 | | | | | | | | |

| | | | |
|---|---|---|---|
| NONE<br>(Assistant Examiner) | (Date) | **Total Claims Allowed:**<br>24 | |
| /JUNGWON CHANG/<br>Primary Examiner, Art Unit 2454<br>(Primary Examiner) | 10 September 2022<br>(Date) | O.G. Print Claim(s)<br>1 | O.G. Print Figure<br>4 |

U.S. Patent and Trademark Office

Part of Paper No.: 20220816

## PE2E SEARCH - Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | British Equivalents | Time Stamp |
|---|---|---|---|---|---|---|---|
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| | | "20190043086" OR<br>"20190050584" OR<br>"20190089768" OR<br>"20190121992" OR<br>"20190121993" OR<br>"20190278923" OR<br>"20190278924" OR<br>"20190281117" OR<br>"20190303591" OR<br>"20190340370" OR<br>"5572643" OR<br>"5948061" OR<br>"6449652" OR<br>"6687741" OR<br>"6859213" OR<br>"7113948" OR<br>"7219302" OR<br>"7277901" OR<br>"7281049" OR<br>"7287057" OR<br>"7330997" OR<br>"7409424" OR<br>"7502754" OR<br>"7512661" OR<br>"7567987" OR<br>"7603413" OR<br>"7707249" OR<br>"7734690" OR<br>"7760767" OR<br>"7761531" OR<br>"7814425" OR<br>"7831676" OR<br>"7877451" OR<br>"8078688" OR<br>"8090844" OR<br>"8099520" OR<br>"8140506" OR<br>"8185589" OR<br>"8185591" OR<br>"8244731" OR<br>"8291078" OR<br>"8326814" OR<br>"8341532" OR<br>"8412792" OR<br>"8433800" OR<br>"8577839" OR<br>"8595261" OR<br>"8621213" OR<br>"8682827" OR<br>"8825597" OR<br>"8910277" OR<br>"9032295" OR<br>"9037540" OR<br>"9049176" OR<br>"9075954" OR<br>"9251508" OR<br>"9276885" OR<br>"9430669" OR | | | | | |

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| | | "9495180" OR<br>"9503280" OR<br>"9547726" OR<br>"9552142" OR<br>"9569635" OR<br>"9578096" OR<br>"9594602" OR<br>"9606972" OR<br>"9633125" OR<br>"9692826" OR<br>"9720929" OR<br>"9729485" OR<br>"9881175").pn. | | | | | |
| L3 | 178 | ("10089479" OR<br>"10091296" OR<br>"10102388" OR<br>"10108806" OR<br>"10114957" OR<br>"10148730" OR<br>"10162972" OR<br>"10192063" OR<br>"10204230" OR<br>"10216365" OR<br>"10356172" OR<br>"20010034843" OR<br>"20010052019" OR<br>"20020133561" OR<br>"20030018720" OR<br>"20030093565" OR<br>"20030097410" OR<br>"20030135824" OR<br>"20040021909" OR<br>"20040034688" OR<br>"20040064733" OR<br>"20040068545" OR<br>"20040158607" OR<br>"20050039130" OR<br>"20050060373" OR<br>"20050060375" OR<br>"20050065996" OR<br>"20050080863" OR<br>"20050102361" OR<br>"20050192966" OR<br>"20050234864" OR<br>"20060020670" OR<br>"20060150119" OR<br>"20060224674" OR<br>"20060265458" OR<br>"20070016680" OR<br>"20070035764" OR<br>"20070043878" OR<br>"20070094601" OR<br>"20070124400" OR<br>"20070130143" OR<br>"20070143419" OR<br>"20070156434" OR<br>"20070174246" OR | (US-PGPUB; USPAT) | OR | ON | ON | 2022/09/10<br>03:39 PM |

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| | | "20070250507" OR<br>"20070271344" OR<br>"20080034063" OR<br>"20080046807" OR<br>"20080077676" OR<br>"20080098312" OR<br>"20080201668" OR<br>"20080256458" OR<br>"20080320397" OR<br>"20090183096" OR<br>"20090222450" OR<br>"20100063962" OR<br>"20100153491" OR<br>"20100162166" OR<br>"20100185614" OR<br>"20110087958" OR<br>"20110119598" OR<br>"20110167339" OR<br>"20110238761" OR<br>"20110276637" OR<br>"20110320479" OR<br>"20120005159" OR<br>"20120011449" OR<br>"20120016678" OR<br>"20120233227" OR<br>"20120278281" OR<br>"20120278404" OR<br>"20120317280" OR<br>"20130283189" OR<br>"20140067865" OR<br>"20140067929" OR<br>"20140215568" OR<br>"20140222917" OR<br>"20140249948" OR<br>"20140250106" OR<br>"20140325391" OR<br>"20140337482" OR<br>"20150134751" OR<br>"20150261974" OR<br>"20150286737" OR<br>"20160026815" OR<br>"20160306986" OR<br>"20160308807" OR<br>"20160308881" OR<br>"20160308883" OR<br>"20160308942" OR<br>"20160308943" OR<br>"20160308944" OR<br>"20160308946" OR<br>"20160308947" OR<br>"20160308948" OR<br>"20160308966" OR<br>"20160308967" OR<br>"20160335448" OR<br>"20170132428" OR<br>"20170193835" OR<br>"20170193848" OR<br>"20170244714" OR | | | | | |

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| | | "20170278690" OR<br>"20170295238" OR<br>"20180114032" OR<br>"20190042771" OR<br>"20190042772" OR<br>"20190043086" OR<br>"20190050584" OR<br>"20190089768" OR<br>"20190121992" OR<br>"20190121993" OR<br>"20190278923" OR<br>"20190278924" OR<br>"20190281117" OR<br>"20190303591" OR<br>"20190340370" OR<br>"5572643" OR<br>"5948061" OR<br>"6449652" OR<br>"6687741" OR<br>"6859213" OR<br>"7113948" OR<br>"7219302" OR<br>"7277901" OR<br>"7281049" OR<br>"7287057" OR<br>"7330997" OR<br>"7409424" OR<br>"7502754" OR<br>"7512661" OR<br>"7567987" OR<br>"7603413" OR<br>"7707249" OR<br>"7734690" OR<br>"7760767" OR<br>"7761531" OR<br>"7814425" OR<br>"7831676" OR<br>"7877451" OR<br>"8078688" OR<br>"8090844" OR<br>"8099520" OR<br>"8140506" OR<br>"8185589" OR<br>"8185591" OR<br>"8244731" OR<br>"8291078" OR<br>"8326814" OR<br>"8341532" OR<br>"8412792" OR<br>"8433800" OR<br>"8577839" OR<br>"8595261" OR<br>"8621213" OR<br>"8682827" OR<br>"8825597" OR<br>"8910277" OR<br>"9032295" OR<br>"9037540" OR | | | | | |

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| There are no Interference searches to show. |

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

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**( Not for submission under 37 CFR 1.99)**

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|---|---|
| Application Number | 17187621 |
| Filing Date | 2021-02-26 |
| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

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| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

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**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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-08-23 |
|---|---|---|---|
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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|---|---|
| Application Number | 17187621 |
| Filing Date | 2021-02-26 |
| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

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| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

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

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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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-08-23 |
|---|---|---|---|
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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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| First Named Inventor | Robert Paul Morris |
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| | First Named Inventor | Robert Paul Morris |
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| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

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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).

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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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-08-23 |
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| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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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| | Application Number | 17187621 |
| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

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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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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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-08-16 |
|---|---|---|---|
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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# Bibliographic Data

Application No: 17/187,621

Foreign Priority claimed: ○ Yes ◉ No

35 USC 119 (a-d) conditions met: ☐ Yes ☑ No ☐ Met After Allowance

Verified and Acknowledged: /JUNGWON CHANG/ Examiner's Signature | Initials

Title: METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

| FILING or 371(c) DATE | CLASS | GROUP ART UNIT | ATTORNEY DOCKET NO. |
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| 02/26/2021 | 709 | 2454 | |
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**APPLICANTS**

MOTION OFFENSE, LLC, Longview, TX, UNITED STATES

**INVENTORS**

Robert Paul Morris, Madison, GA, UNITED STATES

**CONTINUING DATA**

This application is a CON of 16803980 02/27/2020 PAT 11044215

16803980 is a CON of 15984406 05/20/2018 PAT 10587548

15984406 is a CON of 15724223 10/03/2017 PAT 10021052

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| Examiner Signature | /JUNGWON CHANG/ | Date Considered | 09/10/2022 |
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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99) | | |
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| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

**CERTIFICATION STATEMENT**

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☒ A certification statement is not submitted herewith.

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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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-08-23 |
|---|---|---|---|
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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**( Not for submission under 37 CFR 1.99)**

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| Application Number | 17187621 |
| Filing Date | 2021-02-26 |
| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

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| Signature | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-08-23 |
|---|---|---|---|
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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|---|---|
| Application Number | 17187621 |
| Filing Date | 2021-02-26 |
| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

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| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

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

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| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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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).

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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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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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-08-23 |
|---|---|---|---|
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99) | | |
|---|---|---|
| | Application Number | 17187621 |
| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

**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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-08-23 |
|---|---|---|---|
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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.**



ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.W.C/

## 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 record s.

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.



ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.W.C/

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | |
|---|---|
| In re Application of:<br><br>Robert Paul Morris<br><br>Application No.: 17/187,621<br><br>File Date: 2021-02-26<br><br>Title: METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION | Confirmation No.: 6735<br><br>Examiner: Jungwon CHANG<br><br>Art Unit: 2454<br><br>Docket No.: DR0149E-CIP<br><br>Date: Sep 20, 2022 |

**EXAMINER INTERVIEW**

| | |
|---|---|
| Date of Interview | Oct 7, 2021 |
| Type of Interview | Email |
| Name of Participants | Patrick Caldwell, Jungwon CHANG |
| Exhibit shown? | Appendix A |
| Claims Discussed | All Claims |
| Prior Art Discussed | n/a |
| Substance of Interview | Examiner provided basis for then current rejection |
| Agreement Reached? | Yes |

--APPENDIX A--

## For Filing

**From:** Chang, Jungwon <Jungwon.Chang@USPTO.GOV>
**Sent:** Thursday, October 7, 2021 3:44 PM
**To:** pcaldwell@thecaldwellfirm.com
**Subject:** 17/187621 (Attorney Docket Number: DR0149E-CIP )

Hello Mr. Caldwell,

I just called you and left a voice message saying that the instant application is in condition for allowance if terminal disclaimers are filed over the parent patent applications.

However, **claims 1-20 of the instant application should be rejected under 35 U.S.C. 101 as claiming the same invention as that of claims 1-18 and 51, 52 of prior U.S. Patent No. 11,044,215**.

I will send out a non-final rejection including statutory type double patenting rejection, and obviousness type double patenting rejections.

Thank you,
Jungwon Chang

*Jungwon Chang*
Primary Patent Examiner, AU 2454
Phone: 571-272-3960
Fax: 571-273-3960
Jungwon.Chang@USPTO.GOV

UNITED STATES
PATENT AND TRADEMARK OFFICE

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

# ELECTRONIC ACKNOWLEDGEMENT RECEIPT

| APPLICATION # | RECEIPT DATE / TIME | ATTORNEY DOCKET # |
|---|---|---|
| **17/187,621** | **09/20/2022 08:36:17 PM ET** | **DR0149E-CIP** |

## Title of Invention

METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

## Application Information

| | | | |
|---|---|---|---|
| APPLICATION TYPE | Utility - Nonprovisional Application under 35 USC 111(a) | PATENT # | - |
| CONFIRMATION # | 6735 | FILED BY | Patrick Caldwell |
| PATENT CENTER # | 60986706 | FILING DATE | 02/26/2021 |
| CUSTOMER # | 92045 | FIRST NAMED INVENTOR | Robert Paul Morris |
| CORRESPONDENCE ADDRESS | - | AUTHORIZED BY | - |

## Documents

**TOTAL DOCUMENTS: 2**

| DOCUMENT | PAGES | DESCRIPTION | SIZE (KB) |
|---|---|---|---|
| DR0149E-CIP_ExaminerInterview_20220920_vF.pdf | 2 | Applicant summary of interview with examiner | 401 KB |
| DR0149E-CIP_IssueFee_vF_20-Sep-2022.pdf | 1 | Issue Fee Payment (PTO-85B) | 218 KB |

## Digest

| DOCUMENT | MESSAGE DIGEST(SHA-512) |
|---|---|

| | |
|---|---|
| DR0149E-CIP_ExaminerInterview_20220920_vF.pdf | 2395425ABEFF88B3D47EAF382606B9563B6E04CDE34E0541F5B6FD06408A328D6C1B45F2A272FE59931EAEE6C7F02129D0A5C3F66E8A5AF723A89B71F4EA4051 |
| DR0149E-CIP_IssueFee_vF_20-Sep-2022.pdf | 5739D6631CEF317918915C492349C558C33926F2209A401EA82849DF5CD5F2175EF2EA57644104740B41EA4E2E438926387720D1A3ACB6B48F5980E356711C6C |

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.

# PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

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 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.

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

92045 7590 09/19/2022

The Caldwell Firm, LLC
PO Box 59655
Dept. SVIPGP
Dallas, TX 75229

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 EFS-Web 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. |
|---|---|---|---|---|
| 17/187,621 | 02/26/2021 | Robert Paul Morris | DR0149E-CIP | 6735 |

TITLE OF INVENTION: METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

| APPLN. TYPE | ENTITY STATUS | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|---|---|---|---|---|---|---|
| nonprovisional | SMALL | $600 | $0.00 | $0.00 | $600 | 12/19/2022 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|---|---|---|
| CHANG, JUNGWON | 2454 | 709-206000 |

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/AIA/122 or PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/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 Patrick E. Caldwell, Esq.
2 The Caldwell Firm, LLC
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: MOTION OFFENSE, LLC

(B) RESIDENCE: (CITY and STATE OR COUNTRY): Longview, 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) ☐ Advance Order - # of Copies _____

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

☒ Electronic 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)

☐ 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 /Patrick Caldwell/ Date 20 Sep 2022

Typed or printed name Patrick Caldwell Registration No. 44580

UNITED STATES
PATENT AND TRADEMARK OFFICE

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

# ELECTRONIC PAYMENT RECEIPT

| APPLICATION # | RECEIPT DATE / TIME | ATTORNEY DOCKET # |
|---|---|---|
| 17/187,621 | 09/20/2022 08:36:17 PM ET | DR0149E-CIP |

## Title of Invention

METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

## Application Information

| | | | |
|---|---|---|---|
| APPLICATION TYPE | Utility - Nonprovisional Application under 35 USC 111(a) | PATENT # | - |
| CONFIRMATION # | 6735 | FILED BY | Patrick Caldwell |
| PATENT CENTER # | 60986706 | AUTHORIZED BY | - |
| CUSTOMER # | 92045 | FILING DATE | 02/26/2021 |
| CORRESPONDENCE ADDRESS | - | FIRST NAMED INVENTOR | Robert Paul Morris |

## Payment Information

| PAYMENT METHOD | PAYMENT TRANSACTION ID | PAYMENT AUTHORIZED BY |
|---|---|---|
| CARD / 0581 | E20229JK36451639 | Patrick Caldwell |

| FEE CODE | DESCRIPTION | ITEM PRICE($) | QUANTITY | ITEM TOTAL($) |
|---|---|---|---|---|
| 2501 | UTILITY ISSUE FEE | 600.00 | 1 | 600.00 |
| | | | TOTAL AMOUNT: | $600.00 |

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.

| INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99) | | |
|---|---|---|
| | Application Number | 17187621 |
| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | |
| | Attorney Docket Number | DR0149E-CIP |

| | | | | | | |
|---|---|---|---|---|---|---|
| | 65 | 20080077676 | A1 | 2008-03-27 | Nagarajan et al. | |
| | 66 | 20080098075 | A1 | 2008-04-24 | O'Bryan et al. | |
| | 67 | 20080098312 | A1 | 2008-04-24 | Chang et al. | |
| | 68 | 20080155110 | A1 | 2008-06-26 | Morris | |
| | 69 | 20080201364 | A1 | 2008-08-21 | Buschi et al. | |
| | 70 | 20080201668 | A1 | 2008-08-21 | Roy | |
| | 71 | 20080256199 | A1 | 2008-10-16 | Pesala | |
| | 72 | 20080256458 | A1 | 2008-10-16 | Aldred et al. | |
| | 73 | 20080320094 | A1 | 2008-12-25 | Tu et al. | |
| | 74 | 20080320397 | A1 | 2008-12-25 | Do et al. | Entire Document |
| Change(s) applied to document, /J.T./ 4/15/2022 | 75 | 20080320397 | A1 | 2008-12-25 | ~~et al.~~ Do et al. | |



ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.W.C/

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. | ISSUE DATE | PATENT NO. | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 17/187,621 | 11/29/2022 | 11516161 | DR0149E-CIP | 6735 |

92045 7590 11/09/2022

The Caldwell Firm, LLC
PO Box 59655
Dept. SVIPGP
Dallas, TX 75229

# ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

**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 Application Information Retrieval (PAIR) WEB site (http://pair.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 PAIR WEB site http://pair.uspto.gov for additional inventors):

Robert Paul Morris, Madison, GA;

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

MOTION OFFENSE, LLC, Longview, 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.

Doc code: RCEX
Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (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.

# REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
## (Submitted Only via EFS-Web)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Application Number | 17/187,621 | Filing Date | 2021-02-26 | Docket Number (if applicable) | DR0149E-CIP | Art Unit | 2454 |
| First Named Inventor | Robert Paul Morris | | | Examiner Name | Jungwon CHANG | | |

**This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.**
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

### SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

- ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ☐ Other _____

☒ Enclosed

- ☐ Amendment/Reply
- ☒ Information Disclosure Statement (IDS)
- ☐ Affidavit(s)/ Declaration(s)
- ☐ Other _____

### MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

### FEES

☒ **The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.**
The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 504964

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

Applicant Signature

Doc code: RCEX
Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (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.

| Signature of Registered U.S. Patent Practitioner | | | |
|---|---|---|---|
| Signature | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-11-18 |
| Name | Patrick Caldwell | Registration Number | 44580 |

This collection of information is required by 37 CFR 1.114. 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 1.11 and 1.14. This collection is estimated to take 12 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, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

# 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

| | |
|---|---|
| In re Application of: | Confirmation No.: 6735 |
| Robert Paul Morris | Examiner: CHANG, JUNGWON |
| Application No.: 17/187,621 | Art Unit: 2454 |
| File Date: 2021-02-26 | Docket No.: DR0149E-CIP |
| Title: METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION | Date: November 18, 2022 |

**INFORMATION DISCLOSURE STATEMENT**
**UNDER 37 CFR §§ 1.56 AND 1.97(b)**

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

Examiner:

The reference(s) listed in the attached PTO Form 1449, cop(ies) of which is attached (when necessary), may be material to examination of the above-identified patent application. Applicants submit the reference(s) in compliance with their duty of disclosure pursuant to 37 CFR §§ 1.56 and 1.97. The Examiner is requested to make the reference(s) of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that the reference(s) indeed constitutes prior art.

Per MPEP 609.02, applicant may not necessarily have re-submitted all of the disclosures, references, etc. cited in any parent application(s)/patent(s). It is assumed that, per such MPEP section, the Examiner has considered the same in connection with the instant application. If applicant's assumption is in error or the Examiner requires re-submission of any such references, etc., applicant requests that the Examiner contact the undersigned so that applicant can address the same. This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that the reference(s) indeed constitutes prior art.

Additionally, related patents (e.g. US10013158, 10021052, 10303353, 10613737, 10587548, 10904178, 11044215) are the subject of pending litigation (WDTX 6:19-cv-00417, WDTX 6:20-cv-00251, DDEL 1:19-cv-01521 – all cases transferred/consolidated into WDTX 6:20-cv-00251; WDTX 6:21-cv-00758; and WDTX 6:21-cv-00514). Further, related patent 10013158 was the subject of inter partes review (IPR2020-00705), which was terminated prior to institution, and the references cited therein have been submitted. In addition, invalidity contentions have been served in the pending litigation and the references related thereto have been submitted previously. Additionally, related patents 10303353, 10613737, and 11044215 are the subject of inter partes review (IPR2022-01311; IPR2022-01312; IPR2022-01313), which are pending.

This Information Disclosure Statement is believed to be filed in response to a notice of allowance. Accordingly, fees relating thereto are provided with this present filing.

Respectfully submitted,



Dated: 18 Nov 2022

The Caldwell Firm, LLC
PO Box 59655
Dallas, Texas 75229-0655
Telephone: (214) 734-2313
pcaldwell@thecaldwellfirm.com

Patrick E. Caldwell, Esq.
Reg. No. 44,580

UNITED STATES
PATENT AND TRADEMARK OFFICE

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

# ELECTRONIC ACKNOWLEDGEMENT RECEIPT

| APPLICATION # | RECEIPT DATE / TIME | ATTORNEY DOCKET # |
|---|---|---|
| **17/187,621** | **11/18/2022 01:20:49 PM ET** | **DR0149E-CIP** |

## Title of Invention

METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

## Application Information

| | | | |
|---|---|---|---|
| APPLICATION TYPE | Utility - Nonprovisional Application under 35 USC 111(a) | PATENT # | 11516161 |
| CONFIRMATION # | 6735 | FILED BY | Patrick Caldwell |
| PATENT CENTER # | 61198111 | FILING DATE | 02/26/2021 |
| CUSTOMER # | 92045 | FIRST NAMED INVENTOR | Robert Paul Morris |
| CORRESPONDENCE ADDRESS | - | AUTHORIZED BY | - |

## Documents

**TOTAL DOCUMENTS: 4**

| DOCUMENT | PAGES | DESCRIPTION | SIZE (KB) |
|---|---|---|---|
| DR0149E-CIP_IDS_20221118_vF.pdf | 4 | Information Disclosure Statement (IDS) Form (SB08) | 1252 KB |
| DR0149E-CIP_IDS_Coversheet_20221118_vF.pdf | 3 | Transmittal Letter | 58 KB |
| DR0149E-CIP_RCE_20221118_vF.pdf | 3 | Request for Continued Examination (RCE) | 1642 KB |
| DR0149E-CIP_TRACK1_20221118_vF.pdf | 2 | Track One Request | 136 KB |

## Digest

| DOCUMENT | MESSAGE DIGEST(SHA-512) |
|---|---|
| DR0149E-CIP_IDS_20221118_vF.pdf | 72D727C2142E7D671AC9A198D5E59E065BEC0DD8EB2729F80A8DEE46122E11C2AF45A80A42AFD44DD338DCE8C13A14589A80C4625CDE6B31A301D0D1BDFE0468 |
| DR0149E-CIP_IDS_Coversheet_20221118_vF.pdf | D11EB95276A85F339D65E37560F81E507A1290E77D6879C06B76560DC69358125AAC7D99668B6C6F8AB150840F933037F53460812332641B89A1C596B7AEED82 |
| DR0149E-CIP_RCE_20221118_vF.pdf | 20EB72625221B2B239733487BD467315A463C67C0C224C7F02319D022812B4EC35DCD400590E61DF7E8F5B23172E882787CFC5D3551AE2258D18E9377FB1D61B |
| DR0149E-CIP_TRACK1_20221118_vF.pdf | 4F45FAAB1E89567B40459364CF359F217C3198F9386563D8AA86C391EEE95E58904F21646ED4DB599E26BAD0F81286D304913A87516B9F26C3F444BC58566BF1 |

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.

**Doc Code: TRACK1.REQ**
**Document Description: TrackOne Request**

PTO/AIA/424 (04-14)

## CERTIFICATION AND REQUEST FOR PRIORITIZED EXAMINATION UNDER 37 CFR 1.102(e) (Page 1 of 1)

| | | | |
|---|---|---|---|
| First Named Inventor: | Robert Paul Morris | Nonprovisional Application Number (if known): | 17/187,621 |
| Title of Invention: | METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION | | |

**APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS PRIORITIZED EXAMINATION FOR THE ABOVE-IDENTIFIED APPLICATION.**

1. The processing fee set forth in 37 CFR 1.17(i)(1) and the prioritized examination fee set forth in 37 CFR 1.17(c) have been filed with the request. The publication fee requirement is met because that fee, set forth in 37 CFR 1.18(d), is currently $0. The basic filing fee, search fee, and examination fee are filed with the request or have been already been paid. I understand that any required excess claims fees or application size fee must be paid for the application.

2. I understand that the application may not contain, or be amended to contain, more than four independent claims, more than thirty total claims, or any multiple dependent claims, and that any request for an extension of time will cause an outstanding Track I request to be dismissed.

3. The applicable box is checked below:

**I. ☐ Original Application (Track One) - Prioritized Examination under § 1.102(e)(1)**

i. (a) The application is an original nonprovisional utility application filed under 35 U.S.C. 111(a). This certification and request is being filed with the utility application via EFS-Web.

---OR---

(b) The application is an original nonprovisional plant application filed under 35 U.S.C. 111(a). This certification and request is being filed with the plant application in paper.

ii. An executed inventor's oath or declaration under 37 CFR 1.63 or 37 CFR 1.64 for each inventor, **or** the application data sheet meeting the conditions specified in 37 CFR 1.53(f)(3)(i) is filed with the application.

**II. ☑ Request for Continued Examination - Prioritized Examination under § 1.102(e)(2)**

i. A request for continued examination has been filed with, or prior to, this form.
ii. If the application is a utility application, this certification and request is being filed via EFS-Web.
iii. The application is an original nonprovisional utility application filed under 35 U.S.C. 111(a), or is a national stage entry under 35 U.S.C. 371.
iv. This certification and request is being filed prior to the mailing of a first Office action responsive to the request for continued examination.
v. No prior request for continued examination has been granted prioritized examination status under 37 CFR 1.102(e)(2).

| | |
|---|---|
| Signature /Patrick Caldwell/ | Date 2022-11-18 |
| Name (Print/Typed) Patrick Caldwell | Practitioner Registration Number 44580 |

***Note:*** *This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required.**

☐ *Total of _____ forms are submitted.

# 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.
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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 | 17187621 |
| Filing Date | 2021-02-26 |
| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

**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 |
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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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| | 1 | 20070011246 | A1 | 2007-01-11 | Wu | Entire Document |

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**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] |
|---|---|---|---|---|---|---|---|---|
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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 | 17187621 |
| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

| | | |
|---|---|---|
| | 1 | IPR2022-01311 filed 07-26-2022 |
| | 2 | IPR2022-01312 filed 07-26-2022 |
| | 3 | IPR2022-01313 filed 07-26-2022 |

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

**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 | 17187621 |
| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

**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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-11-18 |
|---|---|---|---|
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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

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UNITED STATES
PATENT AND TRADEMARK OFFICE

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

# ELECTRONIC PAYMENT RECEIPT

| APPLICATION # | RECEIPT DATE / TIME | ATTORNEY DOCKET # |
|---|---|---|
| 17/187,621 | 11/18/2022 01:20:49 PM ET | DR0149E-CIP |

## Title of Invention

METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

## Application Information

| | | | |
|---|---|---|---|
| APPLICATION TYPE | Utility - Nonprovisional Application under 35 USC 111(a) | PATENT # | 11516161 |
| CONFIRMATION # | 6735 | FILED BY | Patrick Caldwell |
| PATENT CENTER # | 61198111 | AUTHORIZED BY | - |
| CUSTOMER # | 92045 | FILING DATE | 02/26/2021 |
| CORRESPONDENCE ADDRESS | - | FIRST NAMED INVENTOR | Robert Paul Morris |

## Payment Information

| PAYMENT METHOD | PAYMENT TRANSACTION ID | PAYMENT AUTHORIZED BY |
|---|---|---|
| CARD / 0581 | E2022AHD21353081 | Patrick Caldwell |

| FEE CODE | DESCRIPTION | ITEM PRICE($) | QUANTITY | ITEM TOTAL($) |
|---|---|---|---|---|
| 2817 | REQUEST FOR PRIORITIZED EXAMINATION | 2100.00 | 1 | 2100.00 |
| 2830 | PROCESSING FEE, EXCEPT IN PROVISIONAL APPLICATIONS | 70.00 | 1 | 70.00 |
| 2820 | REQUEST FOR CONTINUED EXAMINATION (RCE)- 2ND AND SUBSEQUENT REQUEST (SEE 37 CFR 1.114) | 1000.00 | 1 | 1000.00 |
| | | | TOTAL AMOUNT: | $3,170.00 |

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.

**New Applications Under 35 U.S.C. 111**

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

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**New International Application Filed with the USPTO as a Receiving Office**

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UNITED STATES
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P.O. Box 1450
Alexandria, VA 22313 - 1450
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# ELECTRONIC ACKNOWLEDGEMENT RECEIPT

| APPLICATION # | RECEIPT DATE / TIME | ATTORNEY DOCKET # |
|---|---|---|
| **17/187,621** | **11/28/2022 05:33:56 PM ET** | **DR0149E-CIP** |

## Title of Invention

METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

## Application Information

| | | | |
|---|---|---|---|
| APPLICATION TYPE | Utility - Nonprovisional Application under 35 USC 111(a) | PATENT # | 11516161 |
| CONFIRMATION # | 6735 | FILED BY | Patrick Caldwell |
| PATENT CENTER # | 61226328 | FILING DATE | 02/26/2021 |
| CUSTOMER # | 92045 | FIRST NAMED INVENTOR | Robert Paul Morris |
| CORRESPONDENCE ADDRESS | - | AUTHORIZED BY | - |

## Documents

**TOTAL DOCUMENTS: 1**

| DOCUMENT | PAGES | DESCRIPTION | SIZE (KB) |
|---|---|---|---|
| petition-request.pdf | 2 | ePetition Request Form | 31 KB |

## Digest

| DOCUMENT | MESSAGE DIGEST(SHA-512) |
|---|---|
| petition-request.pdf | 1CBCD1C2A9D9358B084F0E93C49E70B56FCF12C33C0BED6A<br>BCBCE0735B2E18872B04004A8C93600B84B34A879F46AA0D4<br>30F0B6F18731945AAF15217DD521DA5 |

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.

Doc code : PET.DEC.AUTO
Description : ePetition Grant Letter

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
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# GRANT LETTER

| APPLICATION # | DECISION DATE | DECISION ON PETITION # | ATTORNEY DOCKET NUMBER |
|---|---|---|---|
| 17/187,621 | 11/28/2022 | 37 CFR 1.313(c)(2) | DR0149E-CIP |

## Title of Invention

METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

**In re Application of Robert Morris**

This is an electronic decision on the petition under 37 CFR 1.313(c)(2), filed November 28, 2022 to withdraw the above-identified application from issue after payment of the issue fee.

The request is **GRANTED.**

The above-identified application is withdrawn from issue for consideration of a submission under 37 CFR 1.114 (request for continued examination). See 37 CFR 1.313(c)(2).

**Petitioner is advised that the issue fee paid in this application cannot be refunded. If, however, this application is again allowed, petitioner may request that it be applied towards the issue fee required by the new Notice of Allowance.**

The application is being referred to Technology Center AU for processing of the request for continuing examination under 37 CFR 1.114 .

Telephone inquired concerning this decision should be directed to the Patent Electronic Business Center (EBC) at 866-217-9197.

Office of Petitions

Doc Code: PET.AUTO
Description: ePetition Request Form
PTO/SB/140

UNITED STATES
PATENT AND TRADEMARK OFFICE

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

# PETITION TO WITHDRAW AN APPLICATION FROM ISSUE AFTER PAYMENT OF THE ISSUE FEE UNDER 37 CFR 1.313(c)(2) with Assigned Patent Number)

| APPLICATION # | ATTORNEY DOCKET # | FILING DATE |
|---|---|---|
| 17187621 | DR0149E-CIP | 02/26/2021 |

Title of Invention

METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

Application Information

| | | | |
|---|---|---|---|
| CONFIRMATION # | 6735 | FILING DATE | 02/26/2021 |
| ART UNIT | 2454 | FIRST NAMED INVENTOR | Robert Morris |
| EXAMINER | JUNGWON CHANG | | |

An application may be withdrawn from issue for further action upon petition by the applicant. To request that the Office withdraw an application from issue, applicant must file a petition under this section including the fee set forth in § 1.17(h) and a showing of good and sufficient reasons why withdrawal of the application from issue is necessary.

APPLICANT HEREBY PETITIONS TO WITHDRAW THIS APPLICATION FROM ISSUE UNDER 37 CFR 1.313(c).

**A grantable petition requires the following items:**

(1) Petition fee; and
(2) One of the following reasons: A grantable petition requires the following items: (a) Unpatentability of one or more claims, which must be accompanied by an unequivocal statement that one or more claims are unpatentable, an amendment to such claim or claims, and an explanation as to how the amendment causes such claim or claims to be patentable;
(b) Consideration of a request for continued examination in compliance with § 1.114 (for a utility or plant application only); or
(c) Express abandonment of the application. Such express abandonment may be in favor of a continuing application, but not a CPA under 37 CFR 1.53(d).

Reason for withdrawal

Consideration of a request for continued examination - I certify, in accordance with 37 CFR 1.4(d)(4) that the RCE Request, Submission,and Fee have already been filed in the above-identified application on 11/18/2022

## Applicant claims the following entity status

Small

## Signature

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 has been given power of attorney in this application

| Signature | Name | Registration # |
|---|---|---|
| /Patrick Caldwell/ | Patrick Caldwell | 44580 |

UNITED STATES
PATENT AND TRADEMARK OFFICE

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

# ELECTRONIC PAYMENT RECEIPT

| APPLICATION # | RECEIPT DATE / TIME | ATTORNEY DOCKET # |
|---|---|---|
| 17/187,621 | 11/28/2022 05:33:56 PM ET | DR0149E-CIP |

## Title of Invention

METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

## Application Information

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|---|---|---|---|
| APPLICATION TYPE | Utility - Nonprovisional Application under 35 USC 111(a) | PATENT # | 11516161 |
| CONFIRMATION # | 6735 | FILED BY | Patrick Caldwell |
| PATENT CENTER # | 61226328 | AUTHORIZED BY | - |
| CUSTOMER # | 92045 | FILING DATE | 02/26/2021 |
| CORRESPONDENCE ADDRESS | - | FIRST NAMED INVENTOR | Robert Paul Morris |

## Payment Information

| PAYMENT METHOD | PAYMENT TRANSACTION ID | PAYMENT AUTHORIZED BY |
|---|---|---|
| CARD / 0581 | E2022ARH34233492 | Patrick Caldwell |

| FEE CODE | DESCRIPTION | ITEM PRICE($) | QUANTITY | ITEM TOTAL($) |
|---|---|---|---|---|
| 2464 | PETITIONS REQUIRING THE PETITION FEE SET FORTH IN 37 CFR 1.17(H) (GROUP III) | 70.00 | 1 | 70.00 |
| | | | TOTAL AMOUNT: | $70.00 |

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

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**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.

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. |
|---|---|---|---|---|
| 17/187,621 | 02/26/2021 | Robert Paul Morris | DR0149E-CIP | 6735 |

92045 7590 12/05/2022

The Caldwell Firm, LLC
PO Box 59655
Dept. SVIPGP
Dallas, TX 75229

| EXAMINER | |
|---|---|
| CHANG, JUNGWON | |

| ART UNIT | PAPER NUMBER |
|---|---|
| 2454 | |

| NOTIFICATION DATE | DELIVERY MODE |
|---|---|
| 12/05/2022 | 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):

caldwelldocketing@gmail.com
eofficeaction@appcoll.com
pcaldwell@thecaldwellfirm.com

| ***Decision Dismissing Request for Prioritized Examination (After RCE)*** | **Application No.** 17/187,621 | **Applicant(s)** Morris, Robert Paul | |
|---|---|---|---|
| | **Examiner** JoAnne L Burke | **Art Unit** OPET | **AIA (FITF) Status** No |

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

1. THE REQUEST FILED 18 November 2022 IS **DISMISSED** BECAUSE:

A. ☐ Request:
   - i. ☐ The request was not filed with or after an RCE.
   - ii. ☐ The request was filed with or after an RCE, but the RCE was improper.
   - iii. ☐ The request was not filed prior to the mailing of a first Office action after the RCE.
   - iv. ☐ The application is a utility application, and the request was not filed by Patent Electronic System.
   - v. ☑ A request for prioritized examination after an RCE was previously granted in this application.

B. ☐ Application:
   - i. ☐ The application is neither a utility application nor a plant application filed under 35 U.S.C. 111(a) or that entered the national stage under 35 U.S.C. 371, but rather is a _____, which is excluded from the prioritized examination program.

C. ☐ Fees:
   One or more of the following fees have not been filed in the application:
   - i. ☐ Publication fee, as set forth in 37 CFR 1.18(d).
   - ii. ☐ Prioritized examination processing fee, as set forth in 37 CFR 1.17(i).
   - iii. ☐ Prioritized examination fee, as set forth in 37 CFR 1.17(c).
   - iv. ☐ Excess independent claim fee, due because the number of independent claims exceeds three, as set forth in 37 CFR 1.16(h).
   - v. ☐ Excess claim fee, due because the number of claims exceeds twenty, as set forth in 37 CFR 1.16 (i).

D. ☐ Claims:
   The application contains or has been amended to contain:
   - i. ☐ More than four independent claims.
   - ii. ☐ More than thirty total claims.
   - iii. ☐ One or more multiple dependent claims.

E. ☐ The Prioritized Examination program has exceeded its limit of 15,000 requests for the current fiscal year.

F. ☐ Other: _____

G. CONCLUSION

**The application will not undergo prioritized examination. Any further request for prioritized examination will be evaluated for compliance with the above requirements as of the date of its submission.**

Telephone inquiries with regard to this decision should be directed to JoAnne L Burke at (571)272-4584. In his/her absence, calls may be directed to Petition Help Desk at (571) 272-3282.

/JOANNE L BURKE/
Lead Paralegal Specialist, OPET

Doc Code: RFN.REQ
Document Description Refund

PTO-2326 (04-2019)
Approved for use through 03/31/2021. OMB 0651-0043
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 displays a valid OMB control number.

# REQUEST FOR REFUND

| **Reference #** *(Patent #, Application #, Trademark Serial #, Registration #, etc.)* | **Title of Invention or Mark Information** | |
|---|---|---|
| USPAN 17187621 | METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDE | |
| **Attorney Docket #** *(if applicable)* | **Payment Date** *(mm/dd/yyyy)* | **Refund Request Amount** |
| DR0149E-CIP | 11/18/2022 | $ 2,100.00 |

**Refund Option** *(Select one)*

- (●) If approved, issue the refund to the account associated with the original payment.
- ( ) If approved, and the original payment was a check, issue the refund to deposit account # _____.
- ( ) If approved, and the original payment was a check, issue the refund as a U.S. Treasury check.

**Reason for Refund Request** *Refund requests must generally be filed within 2 years of payment date (37 CFR 1.26 and 2.209)*

- [ ] Duplicate Payment
- [ ] No Fee Due
- [ ] Office Error
- [ ] Small Entity Later Established* (*must be filed within 3 months of payment date, 37 CFR 1.28)
- [x] Other Payment for TRACK 1 status

**Rationale** *(Supporting documentation may be submitted with this form)*

Track 1 fees were paid on 8/16/2022 (with a RCE). Track 1 fees were paid a second time on 11/18/2022 (in response to a NOA). The 11/18/2022 was denied (based on the fact that a RCE with a prioritized examination was already granted). Thus, a refund for the 11/18/2022 is requested.

## Requester's Information

| **Company or Firm Name** *(if applicable)* | | |
|---|---|---|
| The Caldwell Firm, LLC | | |
| **Address Line 1** | **City** | **State/Region** |
| PO Box 59655 | Dallas | Texas |
| **Address Line 2** *(if applicable)* | **Country** | **Zip/Postal Code** |
| | United States | 75229-0655 |
| **Email Address** *(You will receive an acknowledgment of receipt only if you provide a valid email address)* | **Phone Number** | |
| pcaldwell@thecaldwellfirm.com | (214) 734-2313 | |
| **Requester's Name** | | **Registration Number** *(if applicable)* |
| Patrick Caldwell | | 44580 |
| **Signature** | | **Date** *(mm/dd/yyyy)* |
| /Patrick Caldwell/ | | 12/08/2022 |

**Submit online:** EFS-Web *(registered users only; select "Request for Refund" from the document description menu)*, or
**Fax to:** 571-273-6500, or
**Mail to:** Director of the U.S. Patent and Trademark Office, Attn: Refunds, 2051 Jamieson Avenue, Suite 300, Alexandria, VA 22314

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PATENT AND TRADEMARK OFFICE

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# ELECTRONIC ACKNOWLEDGEMENT RECEIPT

| APPLICATION # | RECEIPT DATE / TIME | ATTORNEY DOCKET # |
|---|---|---|
| **17/187,621** | **12/08/2022 11:47:24 PM ET** | **DR0149E-CIP** |

## Title of Invention

METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

## Application Information

| | | | |
|---|---|---|---|
| APPLICATION TYPE | Utility - Nonprovisional Application under 35 USC 111(a) | PATENT # | - |
| CONFIRMATION # | 6735 | FILED BY | Patrick Caldwell |
| PATENT CENTER # | 61276569 | FILING DATE | 02/26/2021 |
| CUSTOMER # | 92045 | FIRST NAMED INVENTOR | Robert Paul Morris |
| CORRESPONDENCE ADDRESS | - | AUTHORIZED BY | - |

## Documents

**TOTAL DOCUMENTS: 1**

| DOCUMENT | PAGES | DESCRIPTION | SIZE (KB) |
|---|---|---|---|
| DR0149E-CIP_RefundRequest_20221208_vF.pdf | 1 | Refund Request | 732 KB |

## Digest

| DOCUMENT | MESSAGE DIGEST(SHA-512) |
|---|---|
| DR0149E-CIP_RefundRequest_20221208_vF.pdf | C4740EC22B3E78042670F07693B870005607D682331364461CEFE88E10B491C9F99C324B486FA86428A122605DDBA3460EB99713FC0C2EEC51C600CF8785B620 |

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# United States Patent and Trademark Office

*Office of the Chief Financial Officer*

Document Code:WFEE

User :Simret Direta

Refund Accounting Date:12/16/2022

| Effective Date | Sale Item Reference Number | Refund Total |
|---|---|---|
| 11/18/2022 | 17187621 | $2,100.00 |

| Document Number | Fee Code | Fee Code Description | Amount Paid | Payment Method | Account Number |
|---|---|---|---|---|---|
| I2022BF808543083 | 2817 | REQUEST FOR PRIORITIZED EXAMINATION | $2,100.00 | | **********0581 |

# United States Patent and Trademark Office

*Office of the Chief Financial Officer*

Document Code:WFEE

User :Simret Direta

Sale Adjustment Accounting Date:12/16/2022

| Effective Date | Sale Accounting Date | Sale Item Reference Number |
|---|---|---|
| 11/18/2022 | 12/16/2022 | 17187621 |

| Document Number | Fee Code | Fee Code Description | Amount Paid | Payment Method |
|---|---|---|---|---|
| I2022BF808543083 | 2817 | REQUEST FOR PRIORITIZED EXAMINATION | $2,100.00 | |

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

92045 7590 02/13/2023

The Caldwell Firm, LLC
PO Box 59655
Dept. SVIPGP
Dallas, TX 75229

| EXAMINER |
|---|
| CHANG, JUNGWON |

| ART UNIT | PAPER NUMBER |
|---|---|
| 2454 | |

DATE MAILED: 02/13/2023

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 17/187,621 | 02/26/2021 | Robert Paul Morris | DR0149E-CIP | 6735 |

TITLE OF INVENTION: METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

| 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 | $600.00 | $-120 | 05/15/2023 |

**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 EFS-Web.

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 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.

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

92045 7590 02/13/2023

The Caldwell Firm, LLC
PO Box 59655
Dept. SVIPGP
Dallas, TX 75229

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 EFS-Web 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. |
|---|---|---|---|---|
| 17/187,621 | 02/26/2021 | Robert Paul Morris | DR0149E-CIP | 6735 |

TITLE OF INVENTION: METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

| 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 | $600.00 | $-120 | 05/15/2023 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|---|---|---|
| CHANG, JUNGWON | 2454 | 709-206000 |

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/AIA/122 or PTO/SB/122) attached.

❑ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/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 _____
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) ❑ Advance Order - # of Copies _____

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

❑ Electronic 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)

❑ 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
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www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 17/187,621 | 02/26/2021 | Robert Paul Morris | DR0149E-CIP | 6735 |

92045 7590 02/13/2023

The Caldwell Firm, LLC
PO Box 59655
Dept. SVIPGP
Dallas, TX 75229

| EXAMINER | |
|---|---|
| CHANG, JUNGWON | |
| **ART UNIT** | **PAPER NUMBER** |
| 2454 | |

DATE MAILED: 02/13/2023

**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 | Application No. 17/187,621 | Applicant(s) Morris, Robert Paul | |
|---|---|---|---|
| | Examiner JUNGWON CHANG | Art Unit 2454 | 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 IDS filed on 11/18/2022.
   ☐ 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 21-44 . 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)
2. ☑ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 11/18/2022.
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____.
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date. _____.
5. ☐ Examiner's Amendment/Comment
6. ☐ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/JUNGWON CHANG/
Primary Examiner, Art Unit 2454

| Index of Claims | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 17/187,621 | Morris, Robert Paul |
| | Examiner | Art Unit |
| | JUNGWON CHANG | 2454 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ✓ | Rejected | - | Cancelled | N | Non-Elected | A | Appeal |
| = | Allowed | ÷ | Restricted | I | Interference | O | Objected |

**CLAIMS**

☑ Claims renumbered in the same order as presented by applicant ☐ CPA ☑ T.D. ☐ R.1.47

| CLAIM | | DATE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Final | Original | 10/09/2021 | 03/29/2022 | 07/30/2022 | 09/10/2022 | 01/28/2023 | | | | |
| | 1 | ✓ | = | - | - | - | | | | |
| | 2 | ✓ | = | - | - | - | | | | |
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| | 4 | ✓ | = | - | - | - | | | | |
| | 5 | ✓ | = | - | - | - | | | | |
| | 6 | ✓ | = | - | - | - | | | | |
| | 7 | ✓ | = | - | - | - | | | | |
| | 8 | ✓ | = | - | - | - | | | | |
| | 9 | ✓ | = | - | - | - | | | | |
| | 10 | ✓ | = | - | - | - | | | | |
| | 11 | ✓ | = | - | - | - | | | | |
| | 12 | ✓ | = | - | - | - | | | | |
| | 13 | ✓ | = | - | - | - | | | | |
| | 14 | ✓ | = | - | - | - | | | | |
| | 15 | ✓ | = | - | - | - | | | | |
| | 16 | ✓ | = | - | - | - | | | | |
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| 6 | 26 | | | = | = | = | | | | |
| 7 | 27 | | | = | = | = | | | | |
| 8 | 28 | | | = | = | = | | | | |
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| 11 | 31 | | | = | = | = | | | | |
| 12 | 32 | | | = | = | = | | | | |
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| 14 | 34 | | | = | = | = | | | | |
| 15 | 35 | | | = | = | = | | | | |
| 16 | 36 | | | = | = | = | | | | |
| 17 | 37 | | | = | = | = | | | | |
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| 19 | 39 | | | = | = | = | | | | |
| 20 | 40 | | | = | = | = | | | | |
| 21 | 41 | | | = | = | = | | | | |
| 22 | 42 | | | = | = | = | | | | |

| Index of Claims | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 17/187,621 | Morris, Robert Paul |
| | **Examiner** | **Art Unit** |
| | JUNGWON CHANG | 2454 |

| CLAIM | | DATE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Final | Original | 10/09/2021 | 03/29/2022 | 07/30/2022 | 09/10/2022 | 01/28/2023 | | | | |
| 23 | 43 | | | = | = | = | | | | |
| 24 | 44 | | | = | = | = | | | | |

| Issue Classification | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 17/187,621 | Morris, Robert Paul |
| | **Examiner** | **Art Unit** |
| | JUNGWON CHANG | 2454 |

| CPC | | | | | | |
|---|---|---|---|---|---|---|
| **Symbol** | | | | | **Type** | **Version** |
| H04L | / | 51 | / | 08 | F | 2013-01-01 |
| H04L | / | 67 | / | 06 | I | 2013-01-01 |
| G06F | / | 3 | / | 0482 | I | 2013-01-01 |
| G06F | / | 9 | / | 451 | I | 2018-02-01 |
| H04L | / | 51 | / | 18 | I | 2013-01-01 |
| G06F | / | 16 | / | 168 | I | 2019-01-01 |
| G06Q | / | 10 | / | 107 | I | 2013-01-01 |
| H04L | / | 51 | / | 48 | I | 2022-05-01 |
| G06F | / | 3 | / | 04817 | A | 2013-01-01 |
| G06F | / | 2203 | / | 04803 | A | 2013-01-01 |
| H04L | / | 51 | / | 42 | A | 2022-05-01 |
| H04L | / | 51 | / | 52 | A | 2022-05-01 |
| H04L | / | 51 | / | 234 | A | 2022-05-01 |

| CPC Combination Sets | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Symbol** | | | | | **Type** | **Set** | **Ranking** | **Version** |
| | / | | / | | | | | |

| NONE | | Total Claims Allowed: | |
|---|---|---|---|
| (Assistant Examiner) | (Date) | 24 | |
| /JUNGWON CHANG/<br>Primary Examiner, Art Unit 2454 | 28 January 2023 | O.G. Print Claim(s) | O.G. Print Figure |
| (Primary Examiner) | (Date) | 1 | 4 |

U.S. Patent and Trademark Office — Part of Paper No.: 20221128

| Issue Classification | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 17/187,621 | Morris, Robert Paul |
| | **Examiner** | **Art Unit** |
| | JUNGWON CHANG | 2454 |

| INTERNATIONAL CLASSIFICATION | | | | | |
|---|---|---|---|---|---|
| **CLAIMED** | | | | | |
| H04L | / | 12 | / | 58 | |

| NON-CLAIMED | | | | | |
|---|---|---|---|---|---|
| | / | | / | | |

| US ORIGINAL CLASSIFICATION | |
|---|---|
| **CLASS** | **SUBCLASS** |
| | |

| CROSS REFERENCES(S) | | | | | | |
|---|---|---|---|---|---|---|
| **CLASS** | **SUBCLASS (ONE SUBCLASS PER BLOCK)** | | | | | |
| | | | | | | |

| NONE | | **Total Claims Allowed:** | |
|---|---|---|---|
| (Assistant Examiner) | (Date) | 24 | |
| /JUNGWON CHANG/<br>Primary Examiner, Art Unit 2454 | 28 January 2023 | O.G. Print Claim(s) | O.G. Print Figure |
| (Primary Examiner) | (Date) | 1 | 4 |

U.S. Patent and Trademark Office — Part of Paper No.: 20221128

| Issue Classification | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 17/187,621 | Morris, Robert Paul |
| | **Examiner** | **Art Unit** |
| | JUNGWON CHANG | 2454 |

☑ Claims renumbered in the same order as presented by applicant ☐ CPA ☑ T.D. ☐ R.1.47

**CLAIMS**

| Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | | 10 | | 19 | 8 | 28 | 17 | 37 | | | | | | |
| | 2 | | 11 | | 20 | 9 | 29 | 18 | 38 | | | | | | |
| | 3 | | 12 | 1 | 21 | 10 | 30 | 19 | 39 | | | | | | |
| | 4 | | 13 | 2 | 22 | 11 | 31 | 20 | 40 | | | | | | |
| | 5 | | 14 | 3 | 23 | 12 | 32 | 21 | 41 | | | | | | |
| | 6 | | 15 | 4 | 24 | 13 | 33 | 22 | 42 | | | | | | |
| | 7 | | 16 | 5 | 25 | 14 | 34 | 23 | 43 | | | | | | |
| | 8 | | 17 | 6 | 26 | 15 | 35 | 24 | 44 | | | | | | |
| | 9 | | 18 | 7 | 27 | 16 | 36 | | | | | | | | |

| | | | |
|---|---|---|---|
| NONE<br>(Assistant Examiner) | (Date) | **Total Claims Allowed:**<br>24 | |
| /JUNGWON CHANG/<br>Primary Examiner, Art Unit 2454<br>(Primary Examiner) | 28 January 2023<br>(Date) | O.G. Print Claim(s)<br>1 | O.G. Print Figure<br>4 |

U.S. Patent and Trademark Office

Part of Paper No.: 20221128

| Search Notes | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 17/187,621 | Morris, Robert Paul |
| | Examiner | Art Unit |
| | JUNGWON CHANG | 2454 |

| CPC - Searched* | | |
|---|---|---|
| **Symbol** | **Date** | **Examiner** |
| H04L 51/08, 18, 32, 22, 34 | 10/09/2021 | JWC |
| H04L 67/06 | 10/09/2021 | JWC |
| G06F 3/0482 | 10/09/2021 | JWC |
| G06Q 10/107 | 10/09/2021 | JWC |
| H04L 51/08, 18, 28, 34, 32, 22 | 03/29/2022 | JWC |
| H04L 67/06 | 03/29/2022 | JWC |
| G06F 3/0482 | 03/29/2022 | JWC |
| G06F 9/451 | 03/29/2022 | JWC |
| G06F 16/168 | 03/29/2022 | JWC |
| G06F 3/04817 | 03/29/2022 | JWC |
| G06F 2203/04803 | 03/29/2022 | JWC |
| G06Q 10/107 | 03/29/2022 | JWC |

| CPC Combination Sets - Searched* | | |
|---|---|---|
| **Symbol** | **Date** | **Examiner** |
| | | |

| US Classification - Searched* | | | |
|---|---|---|---|
| **Class** | **Subclass** | **Date** | **Examiner** |
| | | | |

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

| Search Notes | Application/Control No. | Applicant(s)/Patent Under Reexamination |
|---|---|---|
| | 17/187,621 | Morris, Robert Paul |
| | Examiner | Art Unit |
| | JUNGWON CHANG | 2454 |

| Search Notes | | |
|---|---|---|
| **Search Notes** | **Date** | **Examiner** |
| East search report attached | 10/09/2021 | JWC |
| Google search report attached | 10/09/2021 | JWC |
| Inventor name searched | 10/09/2021 | JWC |
| PE2E search report attached | 03/29/2022 | JWC |
| Google, IP.com search report attached | 03/29/2022 | JWC |
| Inventor name searched | 03/29/2022 | JWC |
| PE2E search report attached | 07/30/2022 | JWC |
| Inventor name searched | 07/30/2022 | JWC |
| PE2E search report attached | 09/10/2022 | JWC |
| PE2E search report attached | 01/28/2023 | JWC |

| Interference Search | | | |
|---|---|---|---|
| **US Class/CPC Symbol** | **US Subclass/CPC Group** | **Date** | **Examiner** |
| H04L | 51/08, 18, 28, 34, 32, 22 | 03/29/2022 | JWC |
| H04L | 67/06 | 03/29/2022 | JWC |
| G06F | 3/0482 | 03/29/2022 | JWC |
| G06F | 9/451 | 03/29/2022 | JWC |
| G06F | 16/168 | 03/29/2022 | JWC |
| G06F | 3/04817 | 03/29/2022 | JWC |
| G06F | 2203/04803 | 03/29/2022 | JWC |
| G06Q | 10/107 | 03/29/2022 | JWC |

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 | 17187621 |
| Filing Date | 2021-02-26 |
| First Named Inventor | Robert Paul Morris |
| Art Unit | 2454 |
| Examiner Name | Jungwon CHANG |
| Attorney Docket Number | DR0149E-CIP |

**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 |
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| | 1 | 20070011246 | A1 | 2007-01-11 | Wu | Entire Document |

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|---|---|---|---|



ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.W.C/

| INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99) | | |
|---|---|---|
| | Application Number | 17187621 |
| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

| | | |
|---|---|---|
| | 1 | IPR2022-01311 filed 07-26-2022 |
| | 2 | IPR2022-01312 filed 07-26-2022 |
| | 3 | IPR2022-01313 filed 07-26-2022 |

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**EXAMINER SIGNATURE**

| Examiner Signature | /JUNGWON CHANG/ | Date Considered | 01/28/2023 |
|---|---|---|---|

*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.



ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.W.C/

| INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99) | | |
|---|---|---|
| | Application Number | 17187621 |
| | Filing Date | 2021-02-26 |
| | First Named Inventor | Robert Paul Morris |
| | Art Unit | 2454 |
| | Examiner Name | Jungwon CHANG |
| | Attorney Docket Number | DR0149E-CIP |

**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 | /Patrick Caldwell/ | Date (YYYY-MM-DD) | 2022-11-18 |
|---|---|---|---|
| Name/Print | Patrick Caldwell | Registration Number | 44580 |

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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## 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 record s.

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.

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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.



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# Bibliographic Data

Application No: 17/187,621

Foreign Priority claimed: ○ Yes ◉ No

35 USC 119 (a-d) conditions met: ☐ Yes ☑ No ☐ Met After Allowance

Verified and Acknowledged: /JUNGWON CHANG/ Examiner's Signature | Initials

Title: METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

| FILING or 371(c) DATE | CLASS | GROUP ART UNIT | ATTORNEY DOCKET NO. |
|---|---|---|---|
| 02/26/2021 | 709 | 2454 | |
| RULE | | | |

**APPLICANTS**

MOTION OFFENSE, LLC, Longview, TX, UNITED STATES

**INVENTORS**

Robert Paul Morris, Madison, GA, UNITED STATES

**CONTINUING DATA**

This application is a CON of 16803980 02/27/2020 PAT 11044215

16803980 is a CON of 15984406 05/20/2018 PAT 10587548

15984406 is a CON of 15724223 10/03/2017 PAT 10021052

15724223 is a CIP of 14274623 05/09/2014ABN

14274623 is a CIP of 13626635 09/25/2012ABN

14274623 is a CIP of 13624906 09/22/2012ABN

**FOREIGN APPLICATIONS**

**IF REQUIRED, FOREIGN LICENSE GRANTED****

03/09/2021

**** SMALL ENTITY ****

**STATE OR COUNTRY**

UNITED STATES

**ADDRESS**

**FILING FEE RECEIVED**

$830

## PE2E SEARCH - Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | British Equivalents | Time Stamp |
|---|---|---|---|---|---|---|---|
| L1 | 1 | ("20070011246").pn. | (US-PGPUB; USPAT) | OR | ON | ON | 2023/01/28 07:58 PM |
| L2 | 26 | ("10013158" "10021052" "10303353" "10587548" "10613737").pn. | (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB) | OR | ON | ON | 2023/01/28 08:08 PM |
| L3 | 5 | ("10013158" "10021052" "10303353" "10587548" "10613737").pn. | (USPAT) | OR | ON | ON | 2023/01/28 08:08 PM |

## PE2E SEARCH - Search History (Interference)

There are no Interference searches to show.

# PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
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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 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.

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

92845 7590 02/13/2023
The Caldwell Firm, LLC
PO Box 59655
Dept. SVIPGP
Dallas, TX 75229

OPAP LHOTSV-4
FEB 14 2023
PATENT & TRADEMARK OFFICE

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(Typed or printed name)

(Signature)

(Date)

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 17/187,621 | 02/26/2021 | Robert Paul Morris | DR0149E-CIP | 6735 |

TITLE OF INVENTION: METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

| 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 | $600.00 | $-120 | 05/15/2023 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|---|---|---|
| CHANG, JUNGWON | 2454 | 709-206000 |

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/AIA/122 or PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/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 Patrick E. Caldwell, Esq.
2 The Caldwell Firm, LLC
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: MOTION OFFENSE, LLC

(B) RESIDENCE: (CITY and STATE OR COUNTRY): Longview, 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) ☐ Advance Order - # of Copies _____

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

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☐ 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 /Patrick Caldwell/ Date 14 Feb 2023

Typed or printed name Patrick Caldwell Registration No. 44580

**PART B - FEE(S) TRANSMITTAL**

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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.

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(Typed or printed name)

(Signature)

(Date)

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 17/187,621 | 02/26/2021 | Robert Paul Morris | DR0149B-CIP | 6735 |

TITLE OF INVENTION: METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

| 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 | $600.00 | $-120 | 05/15/2023 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
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| CHANG, JUNGWON | 2454 | 709-206000 |

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2 The Caldwell Firm, LLC
3

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(B) RESIDENCE: (CITY and STATE OR COUNTRY): Longview, 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) ☐ Advance Order - # of Copies _____

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☐ 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.
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Authorized Signature /Patrick Caldwell/ Date 14 Feb 2023

Typed or printed name Patrick Caldwell Registration No. 44580

UNITED STATES
PATENT AND TRADEMARK OFFICE

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Alexandria, VA 22313 - 1450
www.uspto.gov

# ELECTRONIC ACKNOWLEDGEMENT RECEIPT

| APPLICATION # | RECEIPT DATE / TIME | ATTORNEY DOCKET # |
|---|---|---|
| **17/187,621** | **02/14/2023 10:11:34 PM ET** | **DR0149E-CIP** |

## Title of Invention

METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING A DATA OBJECT IDENTIFICATION REQUEST IN A COMMUNICATION

## Application Information

| | | | |
|---|---|---|---|
| APPLICATION TYPE | Utility - Nonprovisional Application under 35 USC 111(a) | PATENT # | - |
| CONFIRMATION # | 6735 | FILED BY | Patrick Caldwell |
| PATENT CENTER # | 61597209 | FILING DATE | 02/26/2021 |
| CUSTOMER # | 92045 | FIRST NAMED INVENTOR | Robert Paul Morris |
| CORRESPONDENCE ADDRESS | - | AUTHORIZED BY | - |

## Documents

**TOTAL DOCUMENTS: 1**

| DOCUMENT | PAGES | DESCRIPTION | SIZE (KB) |
|---|---|---|---|
| DR0149E-CIP_IssueFee_Xmtl_vF_14-Feb-2023.pdf | 1 | Issue Fee Payment (PTO-85B) | 128 KB |

## Digest

| DOCUMENT | MESSAGE DIGEST(SHA-512) |
|---|---|
| DR0149E-CIP_IssueFee_Xmtl_vF_14-Feb-2023.pdf | 589BC53A1E442BE6610D5EFAE8122538051ED06A5FBCF4782D92B38AA4500311185418553 79D5F511102A40C84879D6AC5B234A5FBDCA99638A2DEE7F5023910 |

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.

# United States Patent and Trademark Office

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Sale Accounting Date:02/15/2023

| Sale Item Reference Number | Effective Date |
|---|---|
| 17187621 | 02/14/2023 |

| Document Number | Fee Code | Fee Code Description | Amount Paid | Payment Method |
|---|---|---|---|---|
| I20232E910528011 | 2501 | UTILITY APPL ISSUE FEE | $480.00 | Salea |
| I20232E910528011 | 1508 | ISSUE FEE - OWED OVER CURRENT FEE | $120.00 | Salea |

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| APPLICATION NO. | ISSUE DATE | PATENT NO. | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 17/187,621 | 03/21/2023 | 11611520 | DR0149E-CIP | 6735 |

92045 7590 03/01/2023

The Caldwell Firm, LLC
PO Box 59655
Dept. SVIPGP
Dallas, TX 75229

# ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

**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 Application Information Retrieval (PAIR) WEB site (http://pair.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 PAIR WEB site http://pair.uspto.gov for additional inventors):

Robert Paul Morris, Madison, GA;

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

MOTION OFFENSE, LLC, Longview, 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.