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Application Number: 18898549 Document Date: 09/26/2024

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APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
18/898,549	**09/26/2024 09:15:02 PM Z ET**	**1001-001US29**

Title of Invention

DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	1241	FILED BY	Daniel Lund
PATENT CENTER #	67344619	FILING DATE	-
CUSTOMER #	155431	FIRST NAMED INVENTOR	Nathan Mark Poniatowski
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	-

Documents

TOTAL DOCUMENTS: 9

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
ADS.pdf	9	Application Data Sheet	1227 KB
Track1.pdf	2	Track One Request	142 KB
Declaration.pdf	2	Oath or Declaration filed	311 KB
20240927_1001001US29_2_OF_2.pdf	7	Information Disclosure Statement (IDS) Form (SB08)	1336 KB
20240927_1001001US29_1_OF_2.pdf	33	Information Disclosure Statement (IDS) Form (SB08)	1344 KB
POA.pdf	2	Power of Attorney	1332 KB
Drawings.pdf	29	Drawings-only black and white line drawings	5132 KB
Specification-	16	Application body structured	4237 KB

APP.TEXT.docx		text document	

Warning: The form and legal phraseology often used in patent claims, such as "means" and "said" should be avoided. See MPEP 608.01(b). Please review and revise if necessary. Bookmarks were found and have been removed.

Specification.pdf	16	Auxiliary PDF of Application	157 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
ADS.pdf	B924A5A52E5958216A869FD35CFF6670CB587980755C84EB634BA32BFAD4BF8A82E846B93F5903DD382A8438E3A595DE8CD737740C6F6178690354F1DA97FE6E
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Specification-APP.TEXT.docx	9401EF0273075D5D44DE8FE6D36809A09DEF69624BCD584B77B6E9E74CF44674C4325961364C6CDDC391CB49A314C9F7EFDD0DF32DFC8C87250CEA8B347BAFB3
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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/SB/424 (12-11)

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

First Named Inventor:	Nathan Mark Poniatowski	Nonprovisional Application Number (if known):	
Title of Invention:	DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY		

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), the prioritized examination fee set forth in 37 CFR 1.17(c), and if not already paid, the publication fee set forth in 37 CFR 1.18(d) have been filed with the request. The basic filing fee, search fee, examination fee, and any required excess claims and application size fees are filed with the request or have been already been paid.

2. The application contains or is amended to contain no more than four independent claims and no more than thirty total claims, and no multiple dependent claims.

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 oath or declaration under 37 CFR 1.63 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 /Daniel T. Lund/	Date September 26, 2024
Name (Print/Typed) Daniel T. Lund	Practitioner Registration Number 58614

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☑ *Total of 1 forms are submitted.

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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 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.
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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 inspection or an issued patent.
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PTO/AIA/01 (06-13)
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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY

As the below named inventor, I hereby declare that:

This declaration is directed to:

- [x] The attached application, or
- [ ] United States application or PCT international application number _____ filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Nathan Poniatowski Date (Optional): 01/22/16

Signature: /Nathan Poniatowski/

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 1 minute 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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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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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.
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NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Power of Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.

Application Number	TBD
Filing Date	26-Sept-2024
First Named Inventor	Nathan Mark Poniatowski
Title	DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY
Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	1001-001US29

SIGNATURE of Applicant or Patent Practitioner

Signature	/Daniel T. Lund/	Date (Optional)	26-Sept-2024
Name	Daniel T. Lund	Registration Number	58,614
Title (if Applicant is a juristic entity)			
Applicant Name (if Applicant is a juristic entity)			

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.

☑ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. 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 3 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. 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 Code: PA..
Document Description: Power of Attorney

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POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in either the attached transmittal letter or the boxes below.

Application Number	Filing Date

(Note: The boxes above may be left blank if information is provided on form PTO/AIA/82A.)

☑ I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above: 155431

OR

☐ I hereby appoint Practitioner(s) named in the attached list (form PTO/AIA/82C) as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the patent application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Note: Complete form PTO/AIA/82C.)

Please recognize or change the correspondence address for the application identified in the attached transmittal letter or the boxes above to:

☑ The address associated with the above-mentioned Customer Number

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OR

☐ Firm or Individual Name					
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I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):

☐ Inventor or Joint Inventor (title not required below)

☐ Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)

☑ Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)

☐ Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

Signature		Date (Optional)	1-22-24
Name	Chance D. Knapp		
Title	President, Office Kick, Inc.		

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.

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This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. 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 3 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. 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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DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY

CROSS REFERENCE TO RELATED APPLICATIONS

[0001] This application is a continuation application of U.S. Patent Application No. 18/481,082, titled DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY, filed October 4, 2023, which is a continuation application of U.S. Patent Application No. 17/985,137, titled DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY, issued as U.S. Patent No. 11,910,926 on February 27, 2024, which is a continuation application of U.S. Patent Application No. 17/493,812, titled DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY, issued as U.S. Patent No. 11,944,196 on April 2, 2024, 2024, which is a continuation application of U.S. Patent Application No. 16/785,647, titled DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY, issued as U.S. Patent No. 11,134,773 on October 5, 2021, which is a continuation application of U.S. Patent Application No. 16/372,334, titled DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY, issued as U.S. Patent No. 10,575,630 on March 3, 2020, which is a divisional application of 15/628,558, titled DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY, issued as U.S. Patent No. 10,244,861 on April 2, 2019, which is a divisional application of U.S. Patent Application No. 15/004,926, titled DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY, filed January 23, 2016, now abandoned, which claims the benefit of U.S. Provisional Patent Application No. 62/107,380, titled DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY, filed January 24, 2015. The entire contents of each of these related applications is incorporated by reference herein.

TECHNICAL FIELD

[0002] This disclosure relates to a desktop workspace platform that adjusts up and down vertically.

BACKGROUND

[0003] In recent years studies have been conducted to show the health benefits of not sitting or standing for prolonged periods of time. It has been shown that sitting for long periods of time, day after day, increases the rate of all-cause mortality. It has even been said that sitting is the new smoking. A healthier work environment could be achieved by standing a portion of your day

that you typically spend sitting. A combination of standing and sitting can reduce your risk of obesity, diabetes, cardiovascular disease and cancer.

[0004] There are many different types of work surfaces today. Most of these are stationary, in that they do not adjust in height. In recent years, entire desks that adjust in height have become more common. Most people already have a stationary desk, so purchasing an entire new desk may be unreasonable for some.

SUMMARY

[0005] There are a few adjustable desk platforms that sit on an existing desk, however, designs of such products have left much room for improvement. Some notable areas for improvement include, but are not limited to; the need for straight vertical motion of the desktop platform where the work surface does not protrude out toward the operator when elevated, a motorized adjustable height mechanism or other motor assisted system, a holding or locking mechanism that does not limit the work surface to only preset heights, a higher maximum adjustable height to satisfy taller users, improved load distribution, improved design, improved appearance, increased load capacity, and a more compact design once in a lowered position.

[0006] A desktop workspace that adjusts vertically includes a work surface platform that acts as a work surface platform. A height adjustment mechanism allows the work surface platform to raise and lower to the desired height of the operator. This desktop workspace includes at least one set of arms as part of the height adjustment mechanism that utilizes a scissor motion to move the work surface platform up and down.

[0007] In one example, a desktop workspace that adjusts vertically is comprised of a work surface platform; a base configured to sit on an existing platform such as a desk; a height adjustable mechanism including at least one set of arms that connect at a pivot point creating a scissoring motion as part of the method to raise and lower the said work surface platform to various heights.

BRIEF DESCRIPTION OF THE DRAWINGS

[0008] FIG. 1 is a perspective view of an example adjustable desk including a work surface platform, base, and height adjustment mechanism.

[0009] FIG. 1B is a perspective view of an example adjustable desk including a work surface platform, base, and height adjustment mechanism, with alternative sliding mechanisms.

[0010] FIG. 1C is a perspective view of an example adjustable desk with alternative sliding mechanisms that incorporate rolling wheels, and a keyboard tray mechanism.

[0011] FIG. 1D is a perspective view of an example adjustable desk with alternative sliding mechanisms that incorporate rolling wheels, and a keyboard tray mechanism as shown in FIG. 1C, but without a base.

[0012] FIG. 2 is a perspective view from another angle of an example adjustable desk including a work surface platform, base, and height adjustment mechanism.

[0013] FIG. 2B is a perspective view from another angle of an example adjustable desk including a work surface platform, base, and height adjustment mechanism, with alternative sliding mechanisms.

[0014] FIG. 2C is a perspective view from another angle of an example adjustable desk with alternative sliding mechanisms that incorporate rolling wheels and a keyboard tray mechanism.

[0015] FIG. 2D is a perspective view an example adjustable desk with the alternative sliding mechanisms that incorporates rolling wheels and a keyboard tray mechanism as shown in FIG. 2C, but with gas springs rather than coil springs.

[0016] FIG. 3 is a side view of an example adjustable desk including a work surface platform, base, and height adjustment mechanism.

[0017] FIG. 3B is a side view of an example adjustable desk including a work surface platform, base, height adjustment mechanism, alternative sliding mechanisms, and a keyboard tray mechanism.

[0018] FIG. 4 is a perspective view of an example height adjustment mechanism from FIG. 1.

[0019] FIG. 4B is a perspective view of an example height adjustment mechanism as shown in FIG. 4, but without a cross beam.

[0020] FIG. 4C is a perspective view of an alternative height adjustment mechanism to that shown in FIG. 4.

[0021] FIG. 4D is a perspective view of an alternative height adjustment mechanism to that shown in FIG. 4.

[0022] FIG. 4E is a perspective view of an alternative height adjustment mechanism to that shown in FIG. 4.

[0023] FIG. 4F is a perspective view of an alternative height adjustment mechanism to that shown in FIG. 4.

[0024] FIG. 5 is a perspective view of parts of an example adjustable desk including sliding mechanism locations and pivot points of this disclosure from FIG. 1.

[0025] FIG. 5B is a perspective view of parts of an example of a height adjustment mechanism of this disclosure from FIG. 1 and 1B with alternative sliding mechanisms.

[0026] FIG. 5C is a perspective view of parts of an example of a height adjustment mechanism from FIG. 1 and 1B with alternative sliding mechanisms.

[0027] FIG. 5D is a perspective view of parts of an example of a height adjustment mechanism and locking mechanism from FIG. 1C.

[0028] FIG. 6 is a perspective view of an example adjustable desk wherein the work surface platform is in a partially raised state.

[0029] FIG. 6B is a perspective view of an example adjustable desk where the work surface platform is in a partially raised state with an example keyboard tray mechanism.

[0030] FIG. 7 is a perspective view of an example adjustable desk in a very compact state, with the work surface platform in a completely lowered position.

[0031] FIG. 7B is a perspective view of an example adjustable desk in a very compact state, with the work surface platform in a completely lowered position, with alternative sliding mechanisms.

[0032] FIG. 8 is a perspective view of example elements intended to additionally raise the height of monitors or other items.

[0033] FIG. 9 is a perspective view of an example adjustable desk with monitor raising elements resting on top of the work surface platform.

[0034] FIG. 10 is a perspective view of parts of an example of a keyboard tray mechanism.

[0035] FIG. 10B is a perspective view of an example adjustable desk with an alternative keyboard tray mechanism attached.

[0036] FIG. 10C is a perspective view of an example adjustable desk with keyboard tray mechanism attached and in a closed position.

DETAILED DESCRIPTION

[0037] The Desktop Workspace That Adjusts Vertically, also referred to as the "desktop workspace" in this document, includes a device and a method to raise and lower a platform that is part of the device. An exemplary use of the device is a work surface such as a desk, which can

be moved to a desired vertical position. For example, the platform could hold objects such as a laptop, monitor, tablet, keyboard, mouse, and other desk items such as a stapler. The Desktop Workspace That Adjusts Vertically may include ancillary devices such as a monitor raiser, an external keyboard holder, mouse holder, cable organizer, or other devices. The platform raises vertically without protruding out along the horizontal plane, keeping the individual using the device from having to step backward to use the work surface platform when it is in a raised position. This configuration allows the operator to utilize the work surface platform at various heights. The examples and description suggest the device is used for supporting typical desktop objects, but the scope of this disclosure is intended to support other objects and to be used in other applications.

[0038] The Desktop Workspace That Adjusts Vertically can be placed on an existing surface to provide a variable height working area that is adjusted by the operator. The Desktop Workspace That Adjusts Vertically includes at least one set of two arms that connect along their lengths at a pivot point, allowing a scissoring motion, which is part of the method for raising and lowering the work surface platform. When raised, the work surface platform raises in a substantially straight motion so that it stays in-line with the base. An element or mechanism such as a spring or motor is configured to provide a force to assist in the elevation of the work surface platform. A locking mechanism is configured to secure the work surface platform at a given height.

[0039] The Desktop Workspace That Adjusts Vertically includes a height adjustment mechanism configured to assist in raising the work surface platform parallel to the surface it sits on, without moving back and forth or left to right; keeping the individual using the device from having to move backward to use the work surface platform when it is in a raised position. The height adjustment mechanism(s) may include items such as springs, gas springs, shock absorbers, an electric motor(s), or a linear actuator(s).

[0040] The Desktop Workspace That Adjusts Vertically is directed to help individuals from sitting or standing for prolonged periods of time while they work. Studies have shown that sitting or standing for long periods of time can be detrimental to one's health.

[0041] The Desktop Workspace That Adjusts Vertically is designed to assist individuals to be more alert and productive as they work. Studies show that moving from a sitting to standing position and vice versa help the human body to be more awake and alert.

[0042] FIG. 1, 1B, 1C, 2, 2B, 2C, 6, 7, 7B, 9, and 10C show examples of The Desktop Workspace That Adjusts Vertically an assembled state. As shown, the desktop workspace includes a work surface platform 10, a base 12, and a height adjustment mechanism 14 residing between the work surface platform 10 and base 12. The examples show that platform 10 is a work surface platform that supports desk items; for example, monitors, tablets, Computers, notebooks, and other objects. The height adjustment example 14 includes at least one set of two arms 16 & 18. Arms 16 & 18 are connected at some point along their shafts at pivot point 28**.** These pivoting arms connect at pivot points 24 and 26 on one end and slide along a sliding mechanism 20 or 22 at pivot and sliding point 30 or 32. The arms pivot at 28, arm 16 slides along 20 and arm 18 slides along 22, creating a scissor motion to allow the work surface platform 10 to move up and down. This example with the pivoting arms moving in the scissor motion is the basis of the height adjustment mechanism 14. Base 12 is the base that the height adjustment mechanism 14 connects to. Base 12 consists of one piece of material or multiple pieces of material. FIG. 1 portrays base 12 as one piece, while FIG. 1B portrays base 12 as two pieces, and FIG. 1C portrays base 12 as one piece with portions removed.

[0043] Base 12 is connected to pivot point 26 and sliding mechanism 20. Sliding mechanisms 20 and 22 could also be directly connected to the arm(s) in the form of a slider or wheel, as portrayed in FIG 1C. The example in FIG 1 and 2 shows the present sliding mechanisms 20 and 22 as a groove cut through the wall of the supporting material. FIG. 1B and 2B show another design of the present sliding mechanisms 20 and 22 as channel or track. FIG 1C and 2C show yet another design of the present sliding mechanisms 20 and 22 as a rolling device such as a wheel or bearing. All three are methods to illustrate that there is more than one possible way to accomplish the intended sliding motion. Arm 16 attaches to the sliding mechanism 20 at point 32. Arm 16 moves back and forth along sliding mechanism 20 as part of the scissor motion used to obtain change in height of the work surface platform 10. The sliding action that sliding mechanisms 20 and 22 assist could be accomplished through means other than the illustrated examples, for example, a track system, roller wheel system, or some other means could be used to allow arm 16 and 18 to move in a back and forth motion. This disclosure is not intended to limit the means of the sliding motion, but to establish the fact that the sliding motion is part of the function of the adjustable height mechanism. The mentioned sliding motion is part of the

overall scissor motion that is created by the design to vertically raise the work surface platform 10.

[0044] Pivot point 26 is the element that attaches the base 12 to arm 18. The examples in FIG. 1 and 2 shows pivot 26 as being part of the wall of the base, and FIG. 1B, 1C, 2B, and 2C shows pivot 26 as being a bracket or similar connected to base 12; pivot 26 could be located further in towards the center of base 12 and could be created as a stand-alone element such as a bracket or similar device. Pivot 26 is to be understood as a connection between base 12 and arm 18, and to be a pivot point that allows arm 18 to rotate as part of the scissor motion of height adjustment mechanism 14.

[0045] In some examples, the desktop workspace could exclude base 12, as shown in FIG. 1D. In such examples, height adjustment mechanism 14 connects directly to the desk or surface that the desktop workspace that adjusts vertically is sitting on. The lower portion of arm 18 connects directly to the surface with a pivot point similar to element 26. The lower portion of arm 16 connects to the surface and be guided to slide in a similar motion with an independent sliding mechanism such as, but not limited to, a track, channel, wheel, rail, or slot.

[0046] FIG. 4 shows an example of part of height adjustment mechanism 14, which assists in the vertical motion achieved to move the work surface platform 10 up and down in a smooth motion. Height adjustment 14 is designed so that it creates a vertical motion without any lateral or protruding motion side to side. Said another way, the scissor motion that height adjustment 14 creates allows work surface platform 10 to stay in alignment with base 12 as it raises or lowers. This alignment is intended, however some examples could include a method that does not align element 10 and 12 as raised and lowered.

[0047] Height adjustment mechanism 14 consists of one or more pairs of pivot arms 16 & 18, which have a pivoting point 28 at some point along their axis. Height adjustment mechanism 14 could also include a design where arms 16 & 18 do not actually connect at pivot point 28, but still provide a similar motion. Arm 16 connects at pivot element 24, and at point 32 which slide along sliding element 20. Similarly, arm 18 connects at pivot element 26 and at pivot point 30, which slides along sliding element 22. Height adjustment mechanism 14 also includes components that make the disclosure more rigid, such as cross beam supports labeled as element 68 in FIG. 1C and 2C. Pivot arms, pivot points, and sliding elements are designed to fit compactly together when the desktop workspace is in a lowered position, as can be seen in FIG.

7,7B, and 10C. All elements align side-by-side in such a manner that when fully lowered the desktop workspace is very compact, looks sleek, and takes up minimal vertical space. The desktop workspace accomplishes such a compact state by having element 20 and 24 outside arm 16, which is outside arm 18, which is outside element 22. This arrangement of elements allows the elements' to not overlap when desktop workspace that adjusts vertically is in a fully lowered position providing a substantially compact state. The desktop workspace is not limited to specific elements or locations of elements to achieve the height adjustment motion that results in a compact design where elements do not overlap.

[0048] The illustrated examples of FIG 1 and 1B suggests that pivot points 26 and 24 are located in the back of desktop workspace, and that sliding mechanisms 20 and 22 are located in the front. The illustrated examples of FIG 1C suggests that pivot points 26 and 24 are located in the front of the desktop workspace and that sliding mechanisms 20 and 22 are located in the back. Some examples include a design where the pivot points and sliding mechanisms are at opposite sides, or some combination of both.

[0049] As can be seen in FIG. 2, 2B, 2C, 4, 5B, and 5C pivoting arms, are attached to a cross beam 34. Cross beam 34 assists in stabilizing the invention and assist all elements of the height adjustment mechanism to move in concert when a force is applied. The force can be applied from various methods and on various points of cross beam 34, pivot arms 16 & 18, pivot elements 26 & 24, or sliding mechanisms 20 or 22. FIG. 4D is a perspective view of an example height adjustment mechanism as shown in FIG. 4, but with element 36 connected on a point of cross beam 34 to one of pivot elements 26. FIG. 4E is a perspective view of an example height adjustment mechanism as shown in FIG. 4, but with element 36 connected to one of pivot arms 16 via an arm pivot 25. FIG. 4F is a perspective view of an example height adjustment mechanism as shown in FIG. 4, but with an upwardly extending element 36 connected to one of pivot arms 16 via an arm pivot 25. Some examples include a design where element 34 does not span across the mechanism connecting all or some of the arms.

[0050] FIG. 4 shows the force being applied by element 36 to cross beam 34. Element 36 can apply a pushing and pulling force to cross beam 36, which causes pivot arms 16 and 18 to move in a scissor motion. The example is intended to suggest that element 36, which applies force to height adjustment mechanism 14, can be a variety of different mechanisms, elements, or represent manual human force. For example, the force that element 36 provides could come

from; a linear actuator, AC or DC motor, human force, gravity, springs, other objects with kinetic energy, or another source of force. For example, FIG. 4 illustrates element 36 as a linear actuator, while FIG. 5C illustrates element 36 as a pair of springs.

[0051] The combination of height adjustment mechanism 14 and a force represented by element 36, create the scissor motion that moves the work surface platform vertically up and down. Examples portrayed in FIG. 4, and 5 show the scissor motion of height adjustment mechanism 14.

[0052] Examples can utilize element 36 or similar element in a different location; for example, the element could attach directly to arms 16 or 18, or to one of the pivot points, instead of to element 34. Some examples may not include element 34 or the like, where such a crossbeam or connection is not deemed necessary. FIG. 4B is a perspective view of an example height adjustment mechanism as shown in FIG. 4, but without a cross beam 34. In FIG. 4B, elements 36 attach directly to arms 18 through arm pivot points 31, instead of to element 34. FIG. 4C is a perspective view of an example height adjustment mechanism as shown in FIG. 4, but with element 36 connected to one of the scissoring pivot points 28 instead of to cross beam 34.

[0053] Examples in FIG. 4, and 5 include arrows that show some of the possible motions of mechanism 14. Pivot arms are connected to one another at pivot point 28. As one end of arm 16 moves along sliding mechanism 20, the other end of the arm moves up or down vertically. When arm 18 pivots at point 26, the other end of the arm slides along sliding mechanism 22, which can be seen in FIG. 2, 2B, and 2C and moves up and down vertically.

[0054] The height adjustment mechanism moves vertically and is held or locked into position at various heights. Examples of the height adjustment mechanism use various methods to lock or hold in place. For example, element 36 acts as the locking device, or the locking device can be included in sliding mechanism(s) 20 & 22, or the locking device can be included in pivot point(s) 26 and 24, or the locking mechanism could entail another element not mentioned. FIG 5D portrays a locking device that could include element 34 or other element engaging with element 44. Pins or other element, portrayed as element 48, engage with teeth or other element, portrayed as element 46 to lock the height adjustment mechanism in a desired position. The locking element can include, but not limited to, a linear actuator, a motor, applied pressure, locking teeth, or some other method to prevent arms 16 and 18 from moving, so that work surface platform 10 does not change vertical height. Applications utilizing a linear actuator or similar can allow the

operator to adjust the height without the limitations of preset heights that some locking mechanisms only provide. Instead of preset heights created by an element with features such as preset holes, the linear actuator or something similar would allow the operator to set the height limit by stopping the linear actuator or similar at any point the operator chooses. The desktop workspace includes a locking mechanism that maintains the vertical position of surface 10; the examples are not limited to specific elements to achieve the height locking function.

[0055] Examples include a means to unlock the device so that the work surface platform 10 can change height. Examples can include, but not limited to, a button(s) to control a motor or the like, a handle that the user pulls on to unlock the device, or another device that unlocks the locking device. FIG. 5D portrays an example of a locking mechanism where element 44 acts as a handle that once pressure is applied to can both lock and unlock the height adjustment mechanism by engaging or disengaging the teeth, element 46 or similar to pin, element 48 or similar. Unlocking elements are suggested, however, examples are not limited to specific elements to achieve the unlocking function.

[0056] The example shows sliding element(s) 22 and pivot element(s) 24 connect the height adjustment mechanism 14 to the work surface platform 10. The example allows for the work surface platform to be raised and lowered, as well as locked into the desired position of the individual using the desktop workspace. This allows the user to utilize the desktop workspace that adjusts vertically while in a seated position or a standing position.

[0057] FIG. 8 portrays the current design of elements 40 and 42, which could be used to elevate a monitor, laptop, or other items to a level higher than that of work surface platform 10. Additionally raising a monitor can create a more comfortable and healthier work space for the operator by bringing their screen(s) to a position closer to eye level. FIG. 9 shows elements 40 and 42 sitting on work surface platform 10. Elements 40 and 42 are presently designed to be able to sit anywhere on surface 10. Examples are not intended to limit the design of elements 40 and 42. Elements 40 and 42 are intended to represent a method in which a monitor(s) can be elevated to height higher than if it were sitting on work surface platform 10. It is to be understood that element 40 or 42 could be designed differently and still accomplish its function to raise the height of a monitor(s) or other items.

[0058] FIG. 10, and 10B show an example of part of keyboard tray mechanism 50, which provides a platform for the user to place items such as a keyboard, mouse, or other items on.

Keyboard mechanism 50 is configured move to a position that is in an outward and lowered position with respect to surface 10. Such a position can provide a more ergonomic location of the keyboard and mouse for the user. Some examples include a design where the keyboard tray can be removed, adjusted, or designed so that it extends out when is in use and is compactly stored under surface 10 when not in use.

[0059] FIG. 10 and 10C show an example of Keyboard tray 50 where it is configured to move underneath and flush with surface 10 to allow this disclosure to maintain its compact state once in a closed position. Bracket 52 connects to channel plate component 54, which connects to bracket 56, which connect to slider 58, which connect to keyboard platform 60. When the user applies an inward and upward force to platform 60, channeled plate component 54 and slider 58 allow the keyboard tray mechanism to move to a position that is compactly positioned underneath platform 10 as portrayed in FIG. 10C. Conversely, when an outward and downward force is applied to platform 10, elements 52, 54, 56, and 58 allow mechanism 50 to be in an out and down position as portrayed in FIG. 1C and 2C. Said more specifically, plate 54 contains channels or grooves that guide brackets 52 and 54 connect to with pins, screws, or similar. When the user pulls or pushes up, down, in, or out on the platform 60, the channels or grooves in plate 54 along with the sliding motion of slider 58 guide the platform to either rest in an outward state for typing or tucked away under the work surface platform 10.

[0060] Figure 10B shows an example of keyboard tray mechanism 50 that attach to platform 10. Bracket 62 attaches to platform 10 at element 64 and keyboard platform 60 at element 66. Element 64 and 66 consists of a channel, bracket, or other means to attach bracket 62 to both platform 10 and platform 60.

[0061] Elements for keyboard tray mechanism 50 are suggested, however, examples are not limited to specific elements to achieve the function of the keyboard tray mechanism.

[0062] The intention of the different examples discussed is not intended to limit the scope of this disclosure. The description and terminology is not intended to limit the scope and applicability of this disclosure. It should be understood that other terminology, parts, components, and layouts could be used that would still embody the intentions of this disclosure. Individuals skilled in the art will recognize that examples described have suitable alternatives. It is also noted that the examples are not limited to specific construction materials, and that various suitable materials exist for the elements of this disclosure.

CLAIMS

What is claimed is:

1. A desktop workspace that adjusts vertically, comprising:

a work surface platform;

a base configured to sit on an existing platform;

a height adjustment mechanism connecting the work surface platform and the base, the height adjustment mechanism including:

a set of pivot arms including a base pivot arm pivotably connected to the base and a platform pivot arm pivotably connected to the work surface platform, the base pivot arm pivotably connected to the platform pivot arm to provide a scissoring motion when raising and lowering the work surface platform to various heights;

a first sliding mechanism on an end of the platform pivot arm between the end of the platform pivot arm and the base; and

a second sliding mechanism on an end of the base pivot arm between the end of the base pivot arm and the work surface platform; and

a spring attached to the height adjustment mechanism to provide a force to assist in elevation of the work surface platform,

wherein the spring, the base pivot arm, and the platform pivot arm overlap side-by-side along a plane parallel to a work surface of the work surface platform when the desktop workspace is in a fully lowered position.

2. The desktop workspace of claim 1, wherein the base pivot arm is a first base pivot arm, the height adjustment mechanism further comprising:

a second base pivot arm; and

an element that connects the first base pivot arm to the second base pivot arm,

wherein the spring is attached to the element.

3. The desktop workspace of claim 2, wherein the element is attached on the same side of the base pivot arm as the second sliding mechanism relative to the pivot connection between the base pivot arm and the platform pivot arm.

4. The desktop workspace of claim 2, wherein the element includes a cross beam.

5. The desktop workspace of claim 1, wherein the platform pivot arm is a first platform pivot arm, the height adjustment mechanism further comprising:

a second platform pivot arm; and

an element that connects the first platform pivot arm to the second platform pivot arm,

wherein the spring is attached to the element.

6. The desktop workspace of claim 5, wherein the element is attached on the same side of the first platform pivot arm as the second sliding mechanism relative to the pivot connection between the base pivot arm and the platform pivot arm.

7. The desktop workspace of claim 1, wherein the spring extends between an underside of the work surface platform and the height adjustment mechanism.

8. The desktop workspace of claim 1, wherein the spring extends between a base pivot fixed relative the base and the height adjustment mechanism.

9. The desktop workspace of claim 1,

wherein the work surface platform forms an upper work surface, and

wherein the spring is completely covered by a profile of the work surface platform when viewed from above the upper work surface relative to the base, the profile of the work surface platform being defined by an outer perimeter of the upper work surface.

10. The desktop workspace of claim 1, wherein the spring is a first spring, the desktop workspace comprising a pair of springs attached to the height adjustment mechanism to assist in the elevation of the work surface platform, the pair of springs including the first spring and a second spring.

11. The desktop workspace of claim 1, wherein the spring is a gas spring.

12. The desktop workspace of claim 11, wherein the gas spring acts as a locking device that holds the work surface platform at various intermediate heights above the base.

13. The desktop workspace of claim 1, wherein the scissoring motion when raising and lowering the work surface platform to various heights of the height adjustment mechanism moves the work surface platform in a straight vertical direction relative to the base.

14. The desktop workspace of claim 1, further comprising a locking device that holds the work surface platform at various intermediate heights above the base.

15. The desktop workspace of claim 14, wherein the locking device includes a handle that disengages the locking device once pressure is applied by a user.

16. The desktop workspace of claim 14, wherein the locking device is configured to hold the work surface platform at a plurality of preset stopping heights.

17. The desktop workspace of claim 14, wherein the locking device is configured to hold the work surface platform at any point a user chooses.

18. The desktop workspace of claim 14, wherein the locking device includes a handle that a user pulls on to unlock the locking device.

19. The desktop workspace of claim 1, wherein the spring provides the force to assist in elevation of the work surface platform through linear extension and compression of the spring.

20. The desktop workspace of claim 1, wherein the spring is adjacent an underside of the work surface platform and extends between an underside of the work surface platform and the height adjustment mechanism along a direction generally parallel to the work surface of the work surface platform.

21. The desktop workspace of claim 1, wherein the scissoring motion when raising and lowering the work surface platform to various heights of the height adjustment mechanism moves the work surface platform parallel to the existing platform.

22. The desktop workspace of claim 20, wherein the scissoring motion when raising and lowering the work surface platform to various heights of the height adjustment mechanism moves the work surface platform without moving back and forth or left to right.

23. The desktop workspace of claim 1, further comprising a keyboard platform that protrudes out, down, and parallel to the work surface platform.

24. The desktop workspace of claim 22, further comprising a keyboard tray mechanism configured to hold the keyboard platform in the position that protrudes out, down, and parallel to the work surface platform and to allow the keyboard platform to be stored under the work surface platform.

25. The desktop workspace of claim 1, wherein the spring, the base pivot arm, the platform pivot arm, the first sliding mechanism, and the second sliding mechanism overlap side-by-side along the plane parallel to the work surface of the work surface platform when the desktop workspace is in the fully lowered position.

ABSTRACT

A desktop workspace that adjusts vertically includes a work surface platform, a base configured to sit on an existing platform, such as a desk, a height adjustable mechanism including at least one set of arms that connect at a pivot point(s) creating a scissoring motion to raise and lower the said work surface platform to various heights. A locking and unlocking mechanism may connect to the height adjustable mechanism. In some cases, the apparatus includes an adjustable mechanism to support items such as a keyboard. In some cases, the apparatus includes elements to raise items such as a monitor to an additional height.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99)**		
	Application Number	
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	First Named Inventor	Nathan Mark Poniatowski
	Art Unit	
	Examiner Name	
	Attorney Docket Number	1001-001US29

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	47	3092918	EP	A1	2016-11-16	Campo		☐
	48	2252835	FR	A1	1975-06-27	BENMOURA PIERRE		☒
	49	2637165	FR	A1	1990-04-06	Thoreau		☒

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	
	Filing Date	2024-09-26
	First Named Inventor	Nathan Mark Poniatowski
	Art Unit	
	Examiner Name	
	Attorney Docket Number	1001-001US29

	50	2894794	FR	A1	2007-06-22	Hoh		☒

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1	"Easylift Gas Springs: Technical Information," Web page, August 24, 2008, retrieved from Internet Archive Wayback Machine on August 29, 2022.	☐
	2	Adjustable Desk: VARIDESK, http://www.varidesk.com, United States of America, 03/30/2013	☐
	3	ERGOTRON, http://www.ergotron.com, United States of America, 09/29/2014	☐
	4	Levine, James A. "Sitting down is KILLING you! Heart disease, obesity, depression and crumbling bones - a terrifying new book by a top doctor reveals they are all linked to the hours we spend in chairs" Daily Mail Online, July 26, 2014, 9 pages [online], [retrieved on 06-30-2017]. Retrieved from the Internet at: http://www.dailymail.co.uk/news/article-2706317	☐
	5	LOHR, STEVE, Taking a Stand for Office Ergonomics, December 1, 2012, New York Times, United States, retrieved from http://www.nytimes.com/2012/12/02/business/stand-up-desks-gaining-favor-in-the-workplace.html on August 29, 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	
	Filing Date	2024-09-26
	First Named Inventor	Nathan Mark Poniatowski
	Art Unit	
	Examiner Name	
	Attorney Docket Number	1001-001US29

CERTIFICATION STATEMENT

Please see 37 CFR 1.97(e) 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.

☒ A certification statement is not submitted herewith.

FEE

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

COPIES

☐ An identification of an earlier application pursuant to 37 CFR 1.98 (d) (1) is attached.

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	/Daniel T. Lund/	Date (YYYY-MM-DD)	2024-09-26
Name/Print	Daniel T. Lund	Registration Number	58614

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 PAYMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
18/898,549	**09/26/2024 09:15:02 PM Z ET**	**1001-001US29**

Title of Invention

DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	1241	FILED BY	Daniel Lund
PATENT CENTER #	67344619	AUTHORIZED BY	-
CUSTOMER #	155431	FILING DATE	-
CORRESPONDENCE ADDRESS	-	FIRST NAMED INVENTOR	Nathan Mark Poniatowski

Payment Information

PAYMENT METHOD	PAYMENT TRANSACTION ID	PAYMENT AUTHORIZED BY
CARD / 2005	**E20249PL16016707**	**Daniel Lund**

PRE-AUTHORIZED ACCOUNT	PRE-AUTHORIZED CATEGORY
602335	**37 CFR 1.16 (National application filing, search, and examination fees); 37 CFR 1.17 (Patent application and reexamination processing fees); 37 CFR 1.20 (Post Issuance fees); 37 CFR 1.21 (Miscellaneous fees and charges)**

FEE CODE	DESCRIPTION	ITEM PRICE($)	QUANTITY	ITEM TOTAL($)
2830	PROCESSING FEE, EXCEPT IN PROVISIONAL APPLICATIONS	56.00	1	56.00
2817	REQUEST FOR PRIORITIZED EXAMINATION	1680.00	1	1680.00
2111	UTILITY PATENT APPL. SEARCH FEE	280.00	1	280.00
4011	BASIC FILING FEE- UTILITY	64.00	1	64.00
2311	EXAMINATION OF ORIGINAL PATENT APPLICATION	320.00	1	320.00

2202	EACH CLAIM IN EXCESS OF 20	40.00	5	200.00
			TOTAL AMOUNT:	**$2,600.00**

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.

PTO/AIA/14 (02-18)
Approved for use through 11/30/2020. 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 contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	1001-001US29
	Application Number	
Title of Invention	DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY	

The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.
This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.

Secrecy Order 37 CFR 5.2:

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Nathan	Mark	Poniatowski	

Residence Information (Select One) ◉ US Residency ○ Non US Residency ○ Active US Military Service

City	St. Petersburg	State/Province	FL	Country of Residence	US

Mailing Address of Inventor:

Address 1	151 7th St S		
Address 2	Unit 324		
City	St. Petersburg	State/Province	FL
Postal Code	33701	Country	US

All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the **Add** button. Add

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

☐ **An Address is being provided for the correspondence Information of this application.**

Customer Number	155431		
Email Address		Add Email	Remove Email

Application Information:

Title of the Invention	DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY		
Attorney Docket Number	1001-001US29	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	29	Suggested Figure for Publication (if any)	

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	1001-001US29
	Application Number	
Title of Invention	DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY	

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☒ **Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32).
Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	◉ Customer Number	○ US Patent Practitioner	○ Limited Recognition (37 CFR 11.9)
Customer Number	155431		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.
When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	Continuation of	18481082	2023-10-04

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	1001-001US29
	Application Number	
Title of Invention	DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY	

Prior Application Status	Patented				Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
18481082	Continuation of	17985137	2022-11-10	11910926	2024-02-27
Prior Application Status	Patented				Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
17985137	Continuation of	17493812	2021-10-04	11944196	2024-04-02
Prior Application Status	Patented				Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
17493812	Continuation of	16785647	2020-02-09	11134773	2021-10-05
Prior Application Status	Patented				Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
16785647	Continuation of	16372334	2019-04-01	10575630	2020-03-03
Prior Application Status	Patented				Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
16372334	Division of	15628558	2017-06-20	10244861	2019-04-02
Prior Application Status	Abandoned				Remove
Application Number	Continuity Type	Prior Application Number			Filing or 371(c) Date (YYYY-MM-DD)
15628558	Division of	15004926			2016-01-23
Prior Application Status	Expired				Remove
Application Number	Continuity Type	Prior Application Number			Filing or 371(c) Date (YYYY-MM-DD)
15004926	Claims benefit of provisional	62107380			2015-01-24

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the **Add** button. Add

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)[i] the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	1001-001US29
	Application Number	
Title of Invention	DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY	

Application Number	Country[i]	Filing Date (YYYY-MM-DD)	Access Code[i] (if applicable)

Remove

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button. Add

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.
NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	1001-001US29
	Application Number	
Title of Invention	DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY	

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

☐ A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

☐ B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	1001-001US29
	Application Number	
Title of Invention	DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY	

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant 1 Remove

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Clear

◉ Assignee	○ Legal Representative under 35 U.S.C. 117	○ Joint Inventor
○ Person to whom the inventor is obligated to assign.	○ Person who shows sufficient proprietary interest	

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor:

If the Applicant is an Organization check here. ☒

Organization Name	Office Kick, Inc.		
Mailing Address Information For Applicant:			
Address 1	1942 Broadway Street		
Address 2	Ste 314C		
City	Boulder	**State/Province**	CO
Country	US	Postal Code	80302
Phone Number		Fax Number	
Email Address	chance@vivo-us.com		

Additional Applicant Data may be generated within this form by selecting the Add button. Add

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	1001-001US29
	Application Number	
Title of Invention	DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY	

Assignee 1

Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.

Remove

If the Assignee or Non-Applicant Assignee is an Organization check here. ☐

Prefix	**Given Name**	Middle Name	**Family Name**	Suffix

Mailing Address Information For Assignee including Non-Applicant Assignee:

Address 1			
Address 2			
City		**State/Province**	
Country		Postal Code	
Phone Number		Fax Number	
Email Address			

Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button. Add

Signature:

Remove

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). **However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).**

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Daniel T. Lund/			Date (YYYY-MM-DD)	2024-09-26
First Name	Daniel	Last Name	Lund	Registration Number	58614

Additional Signature may be generated within this form by selecting the Add button. Add

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	1001-001US29
	Application Number	
Title of Invention	DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY	

This collection of information is required by 37 CFR 1.76. 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 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

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

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

1 The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3 A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent CooperationTreaty.

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.

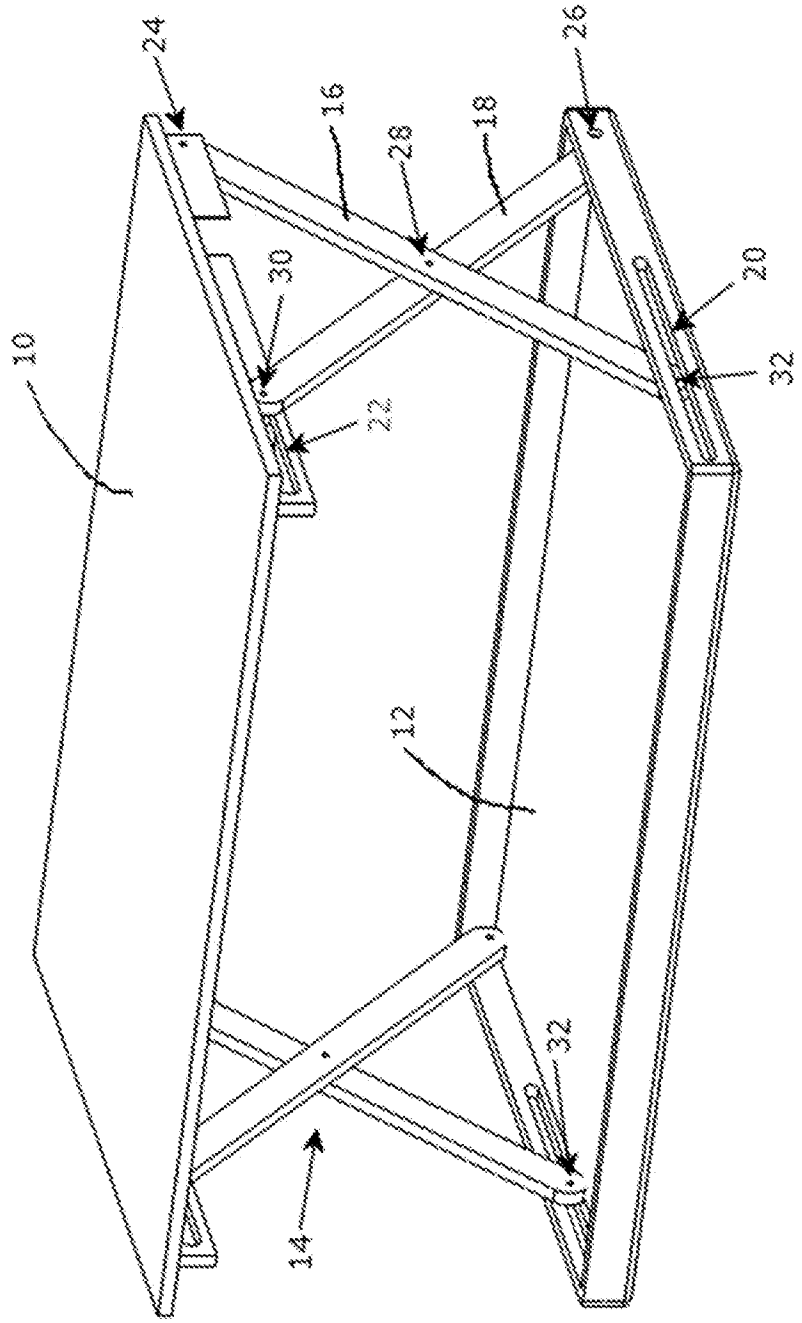


FIG. 1

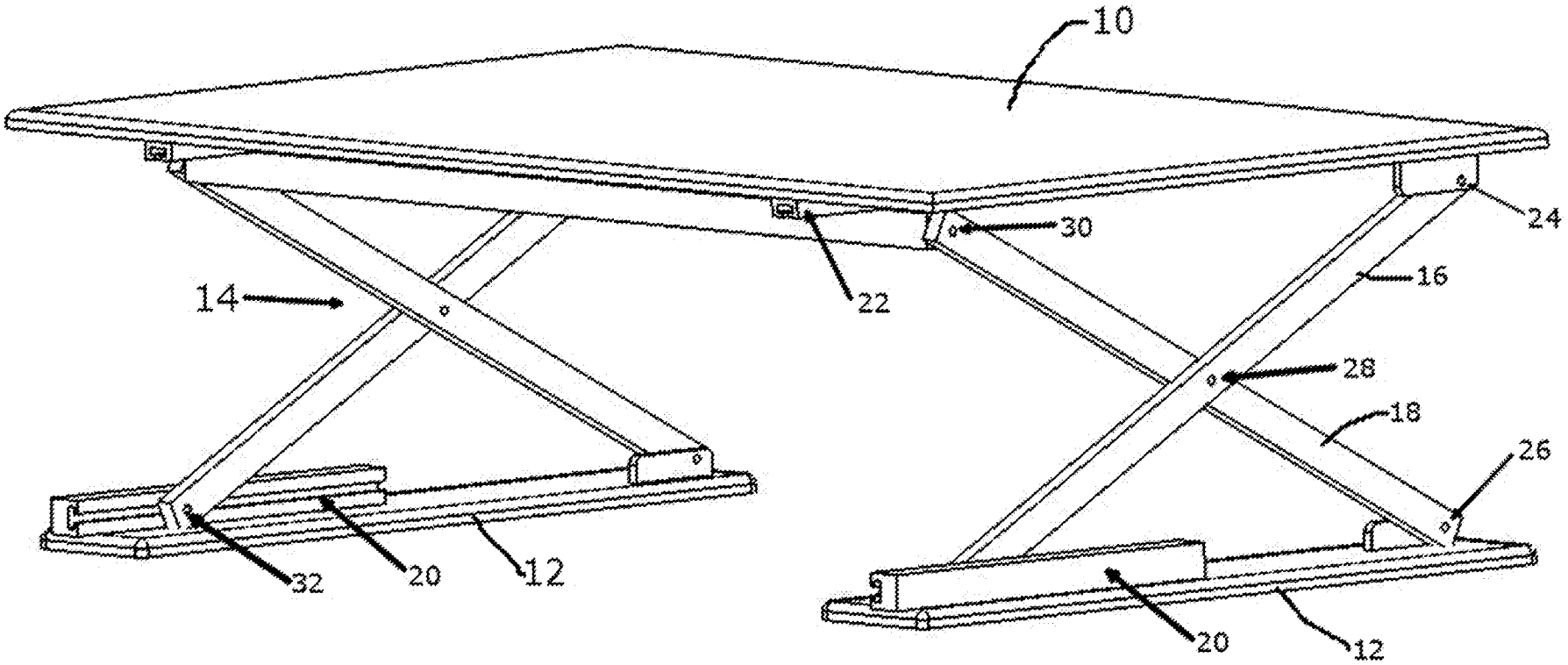


FIG. 1B

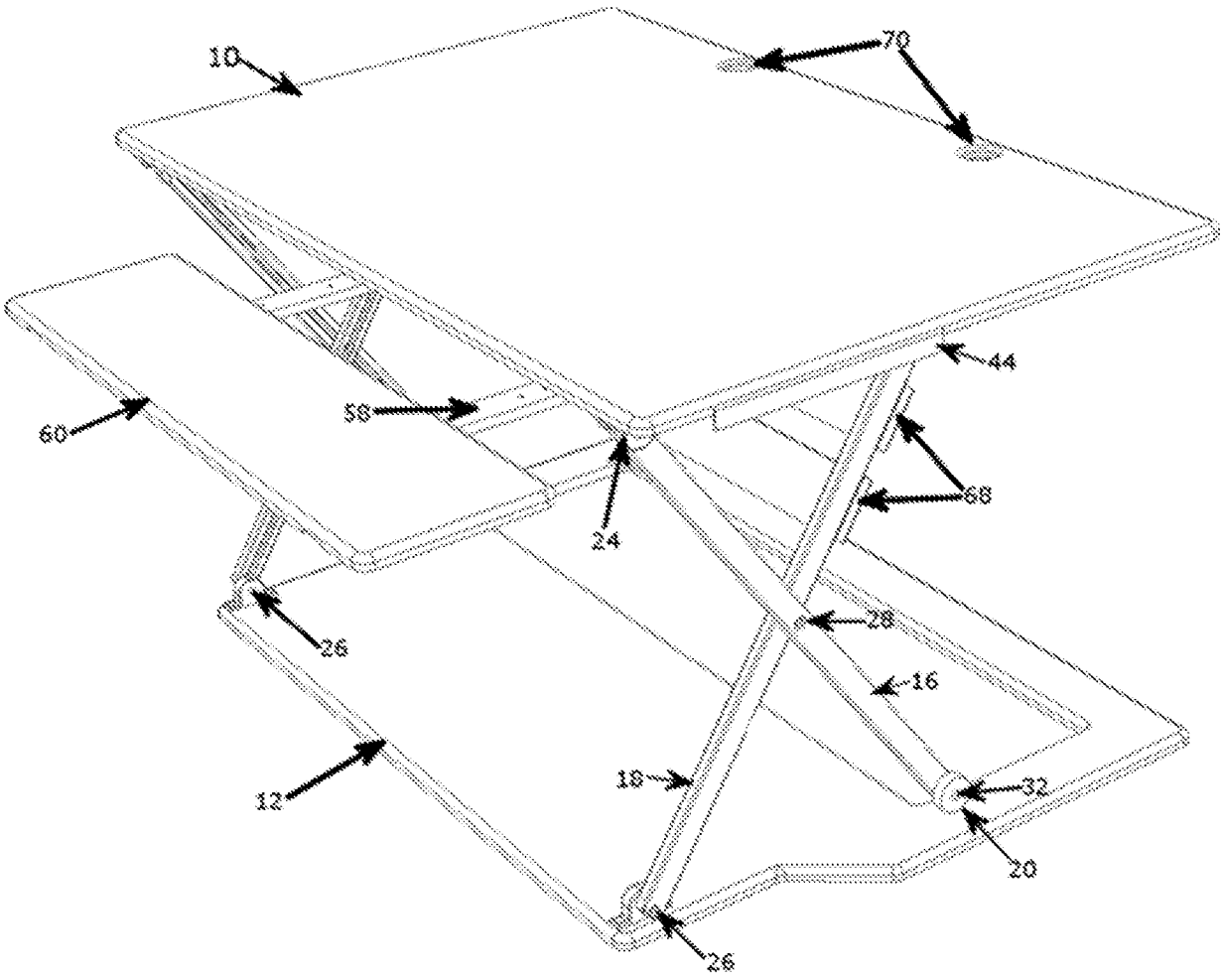


FIG. 1C

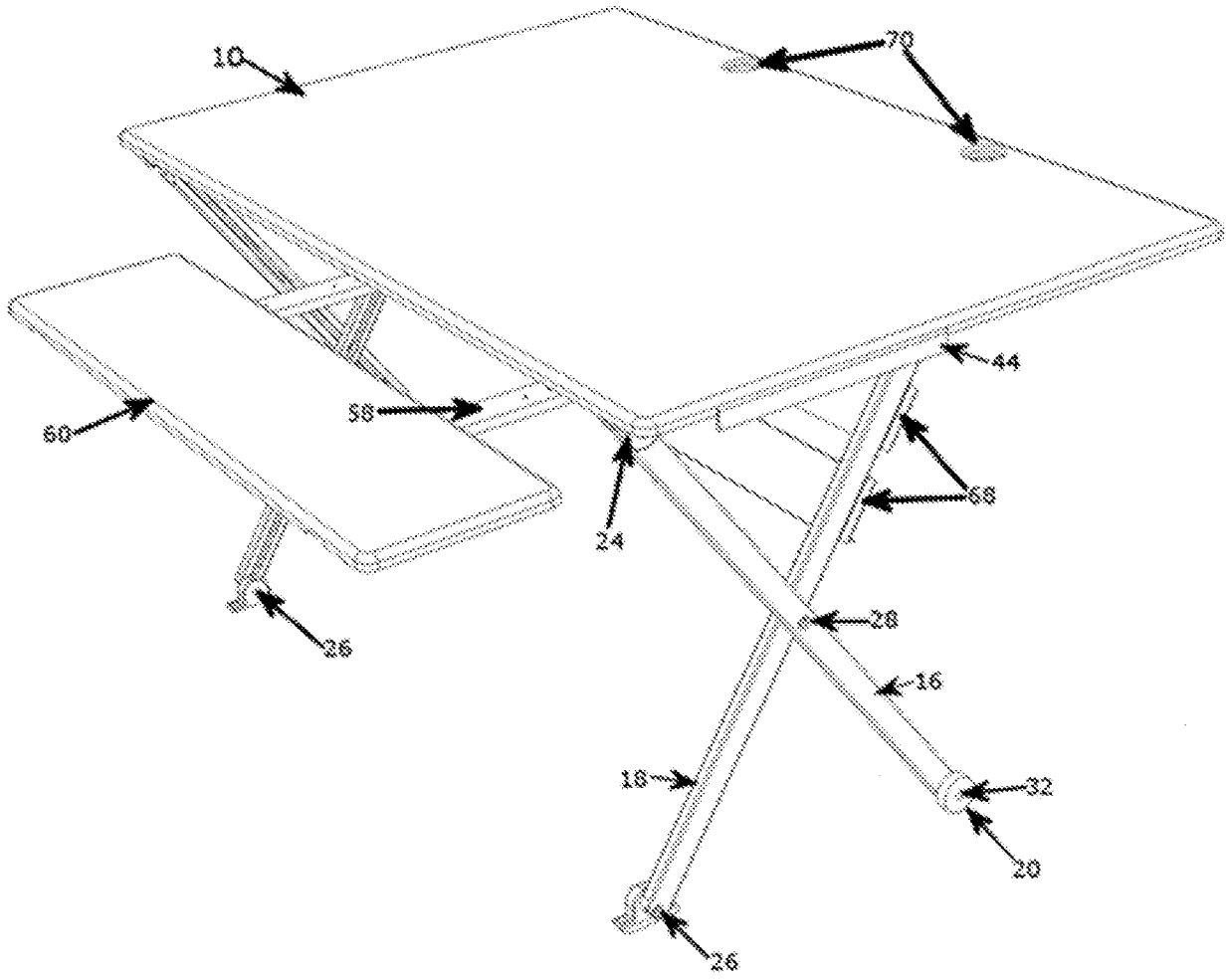


FIG. 1D

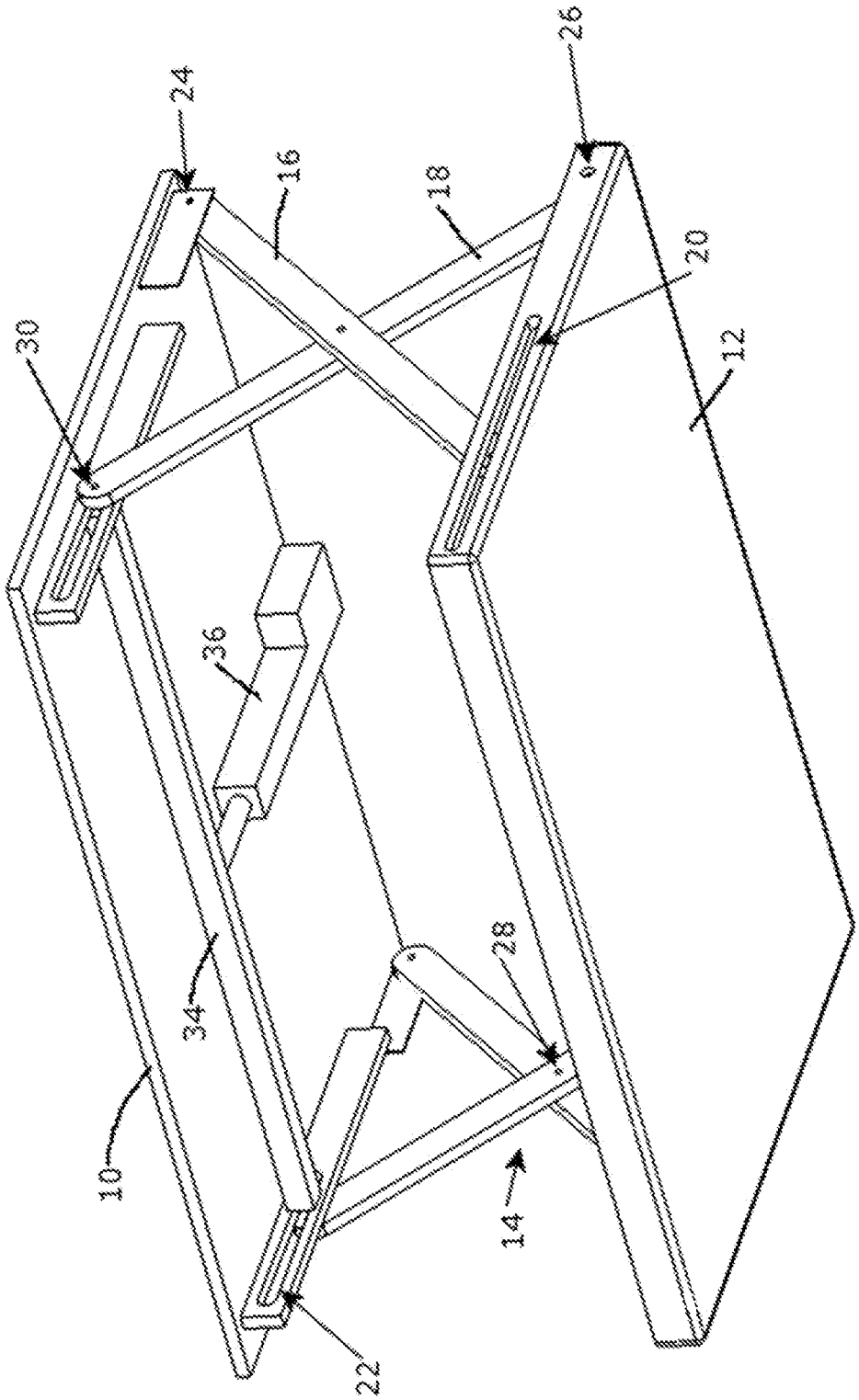


FIG. 2

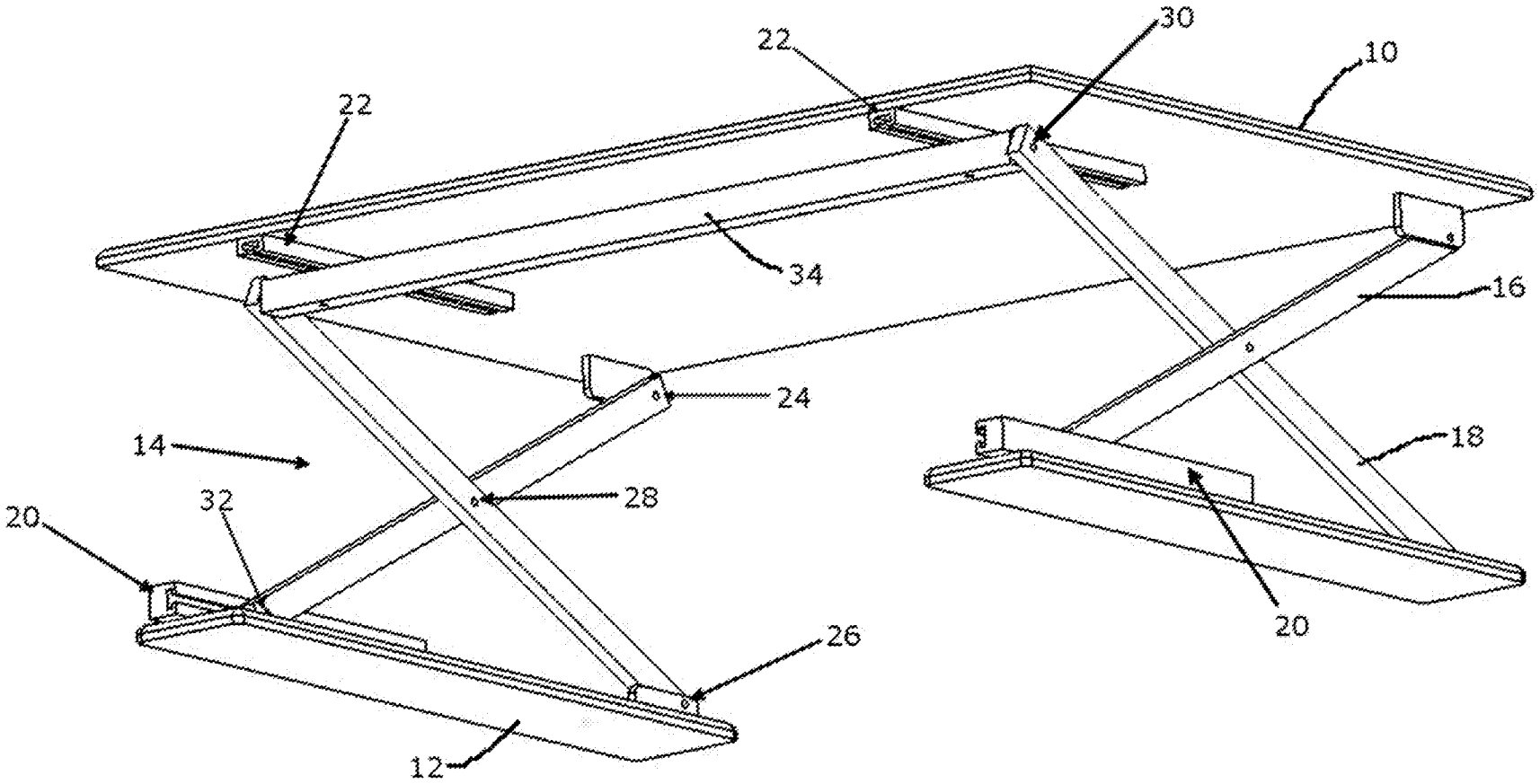


FIG. 2B

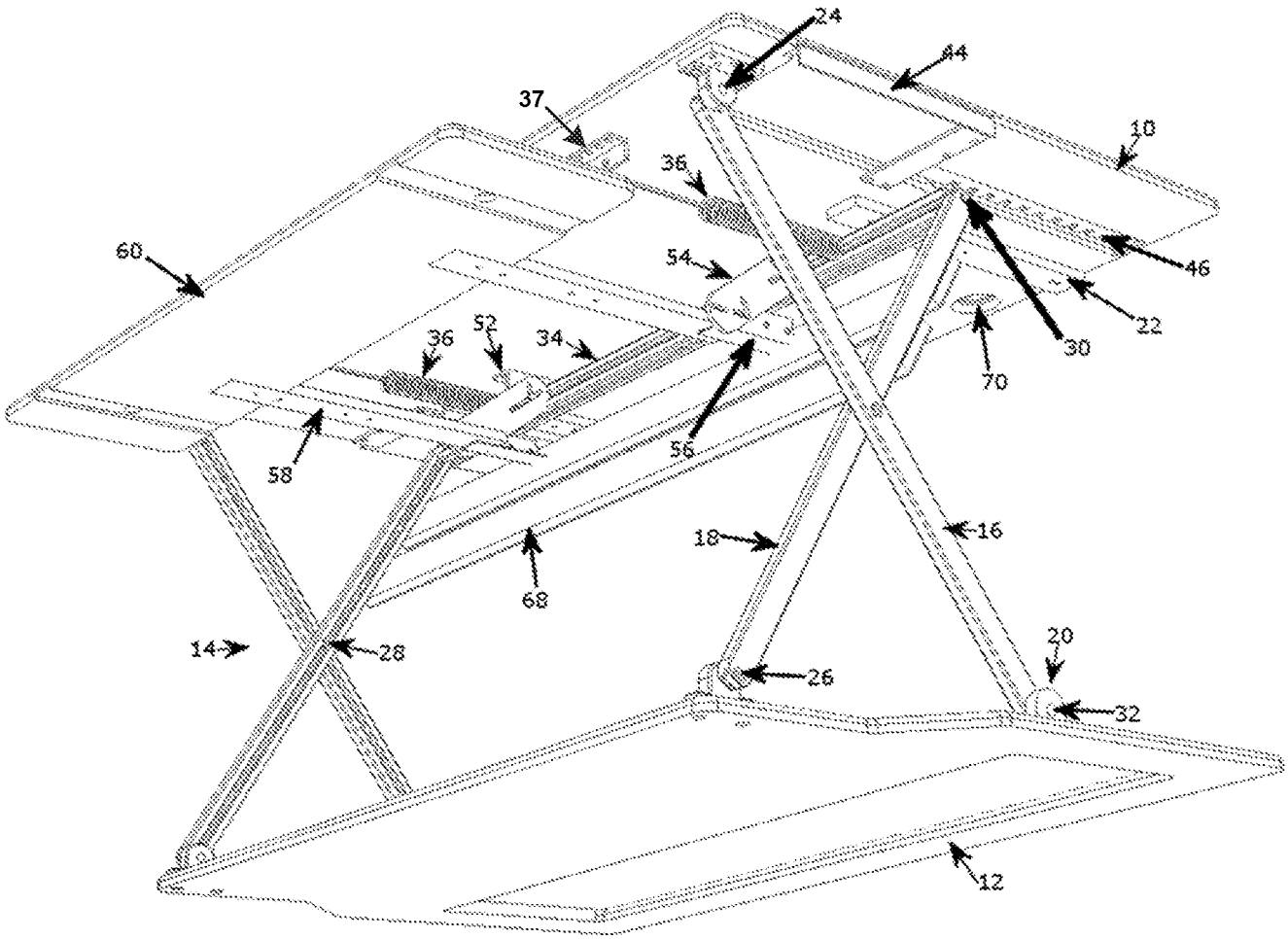

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FIG. 2C

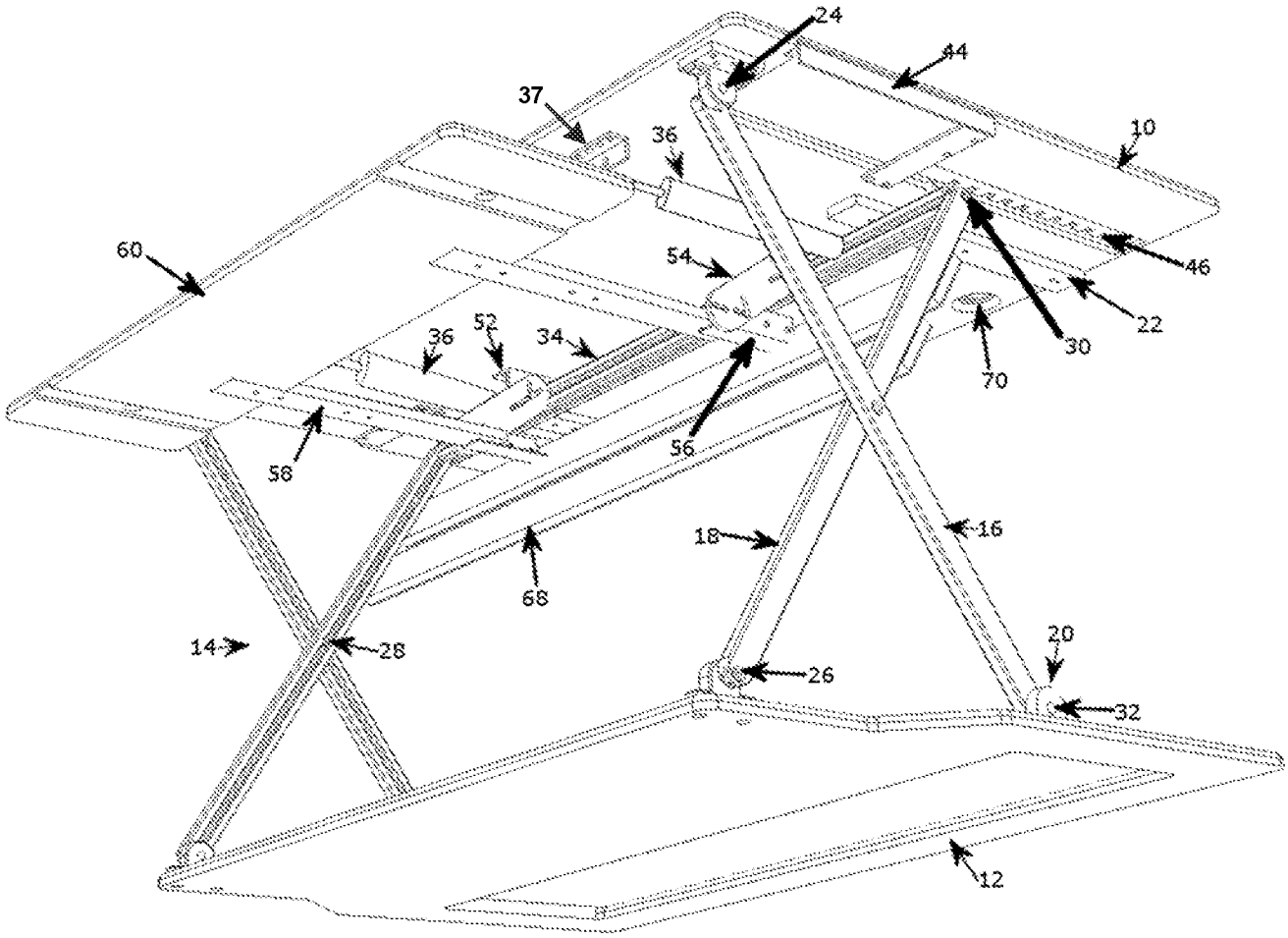

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FIG. 2D

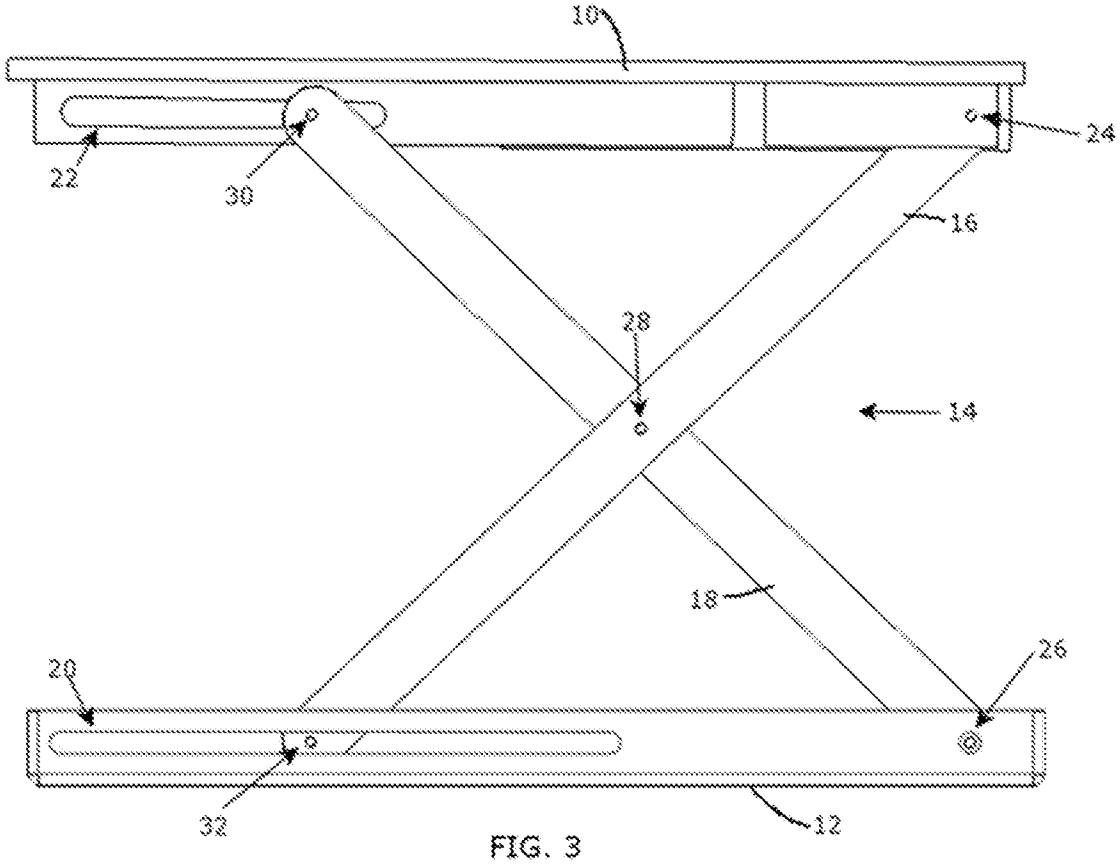


FIG. 3

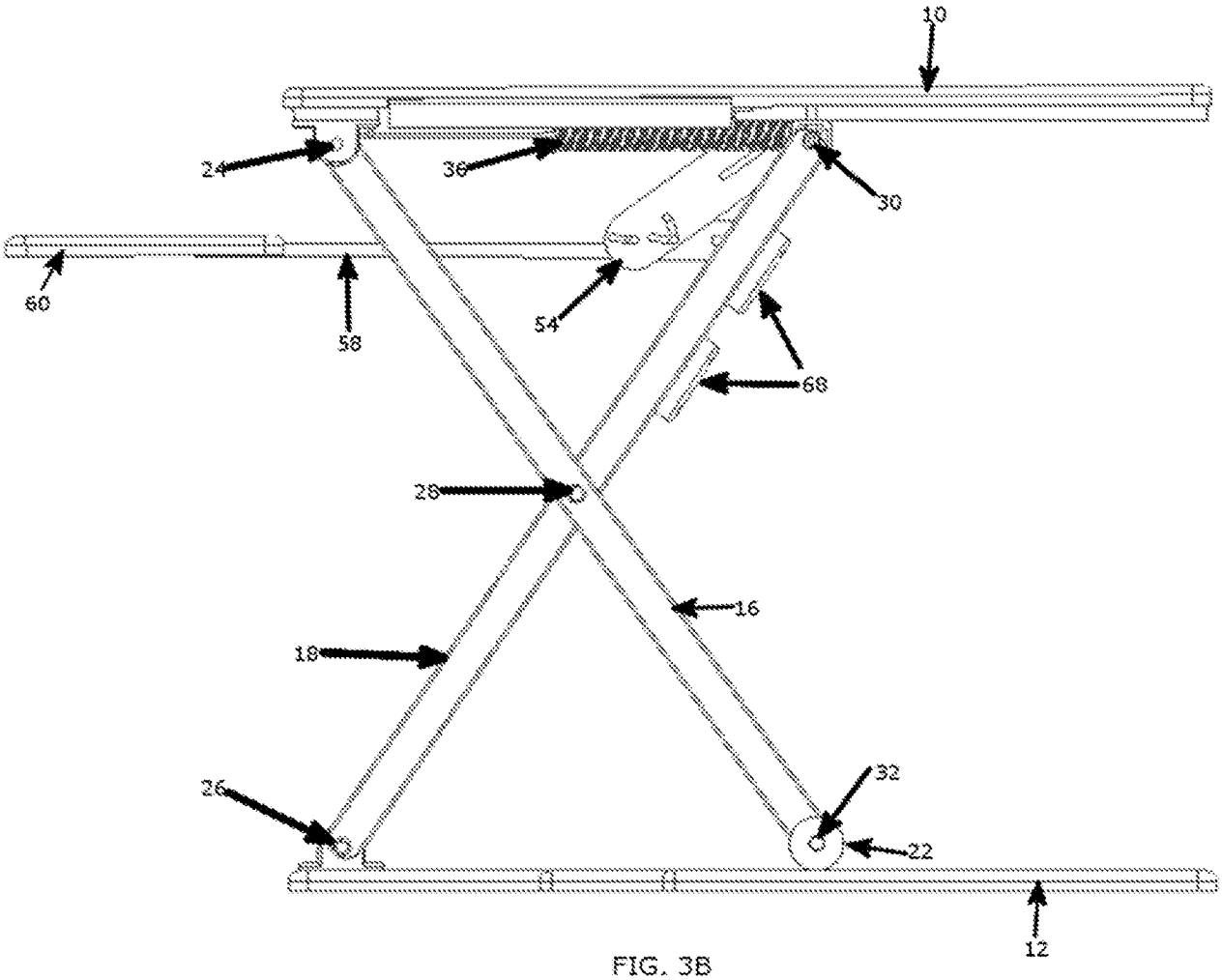


FIG. 3B

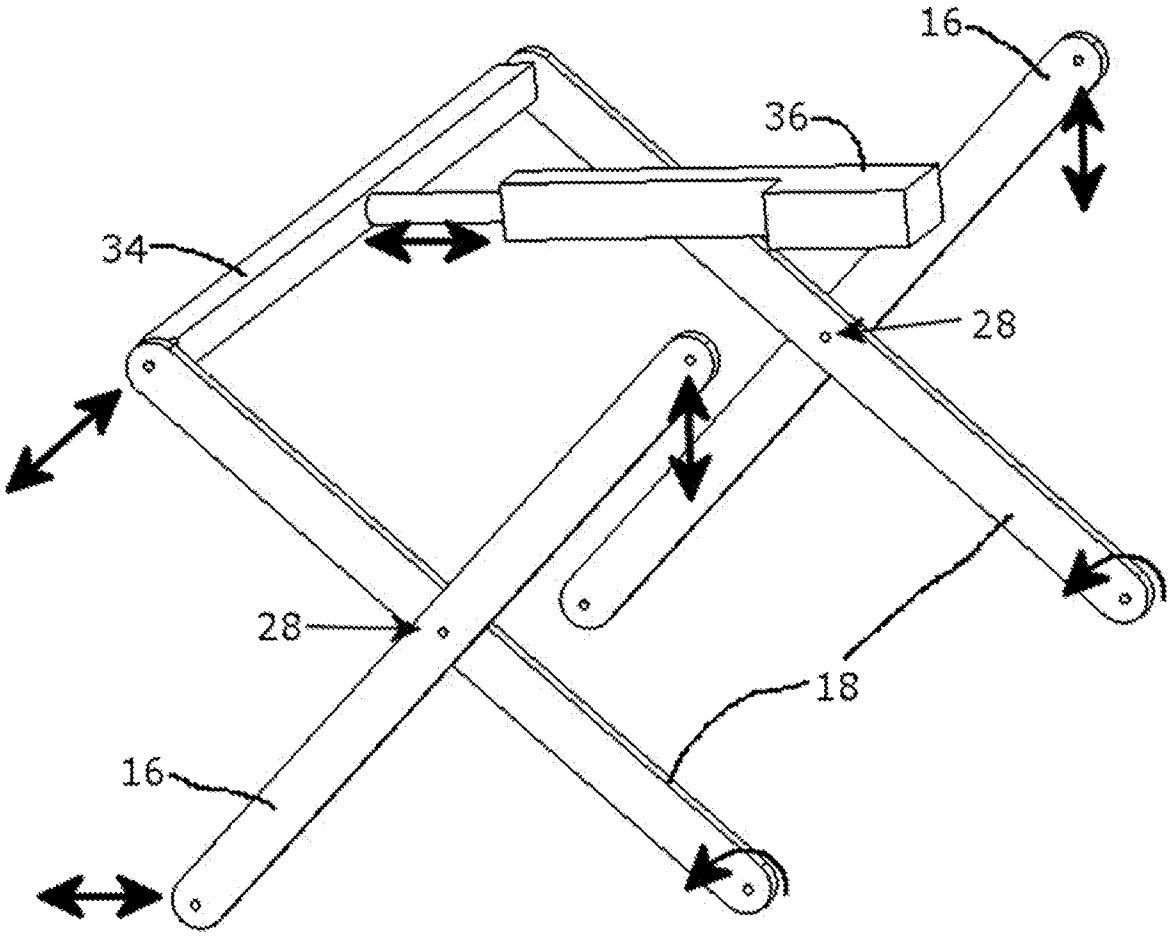


FIG. 4

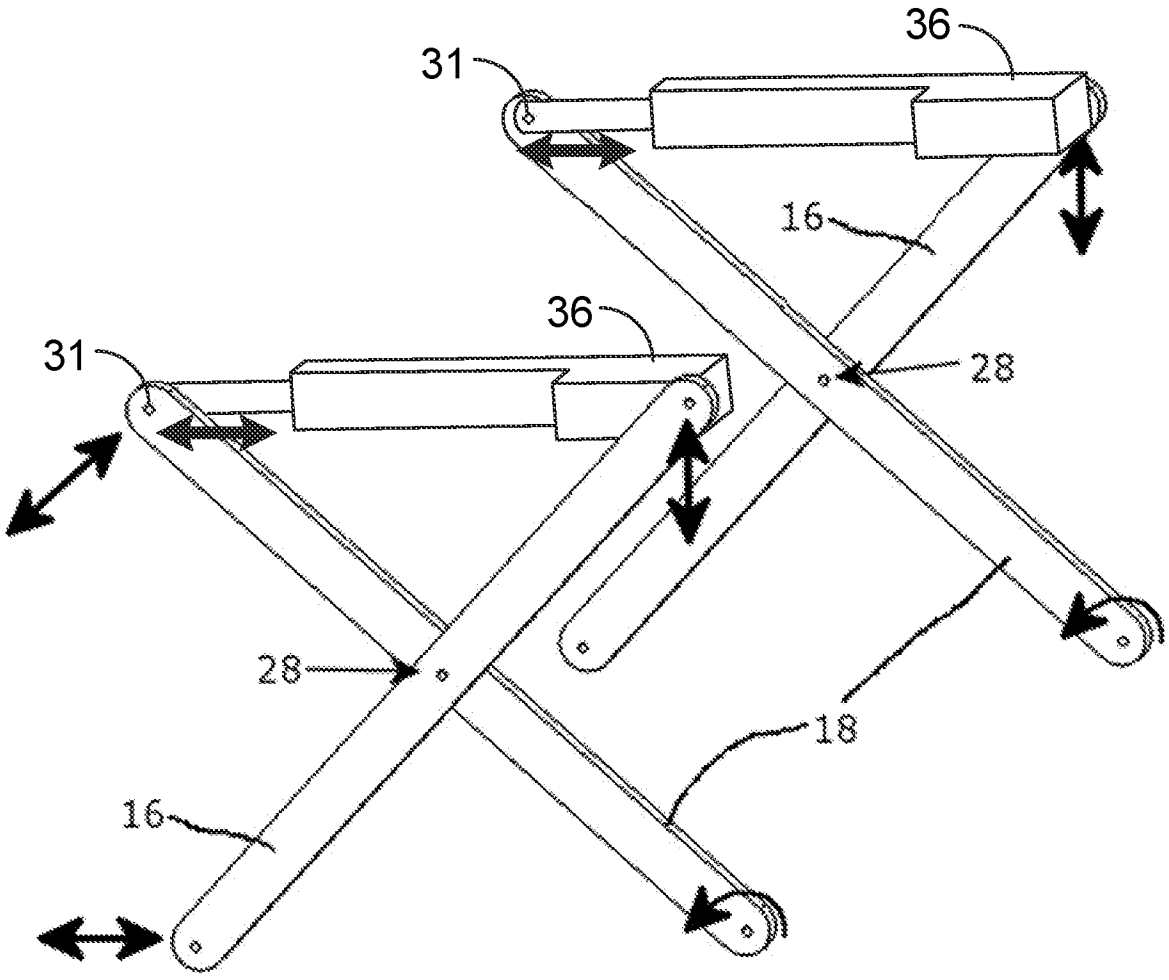


FIG. 4B

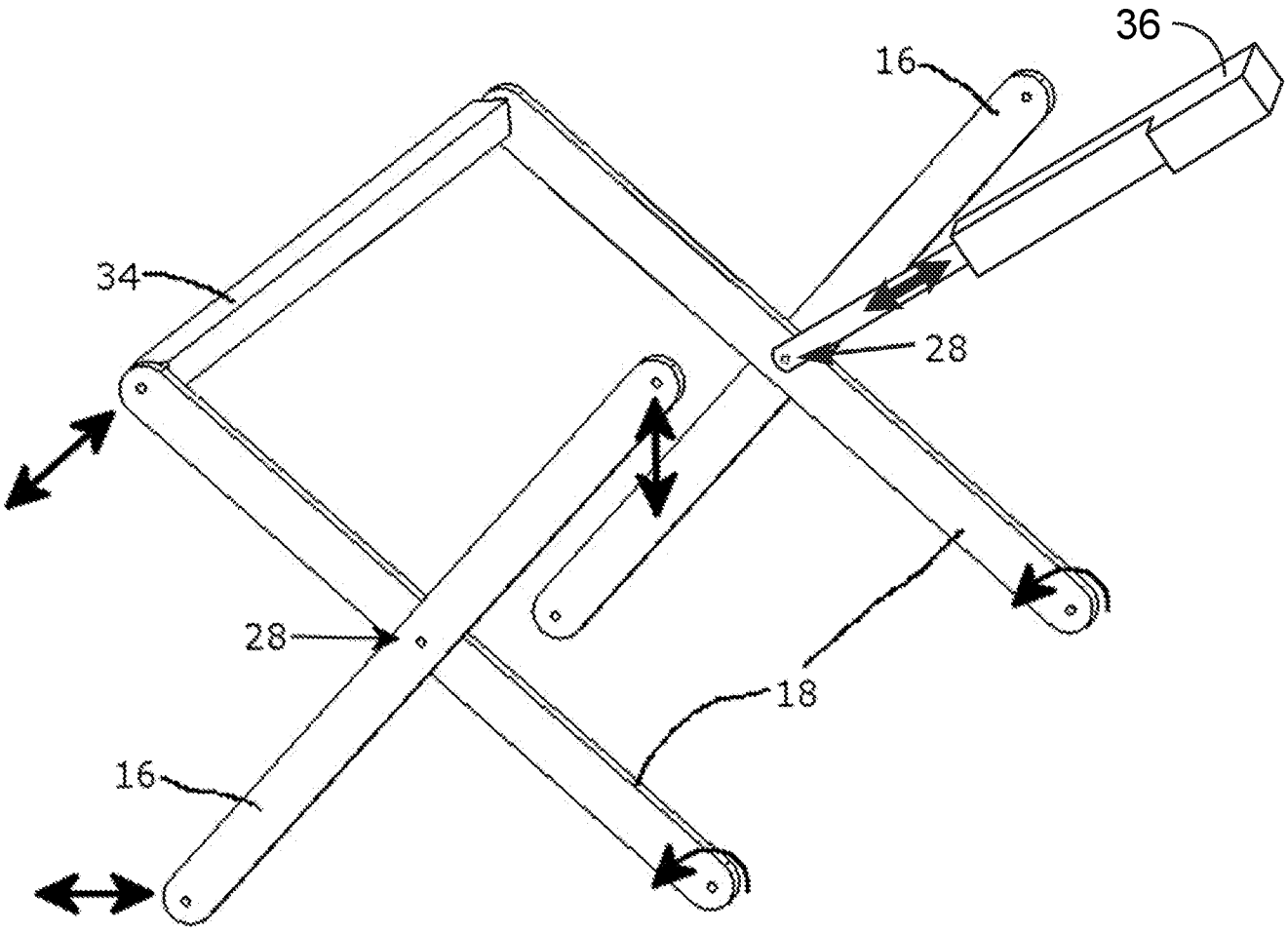


FIG. 4C

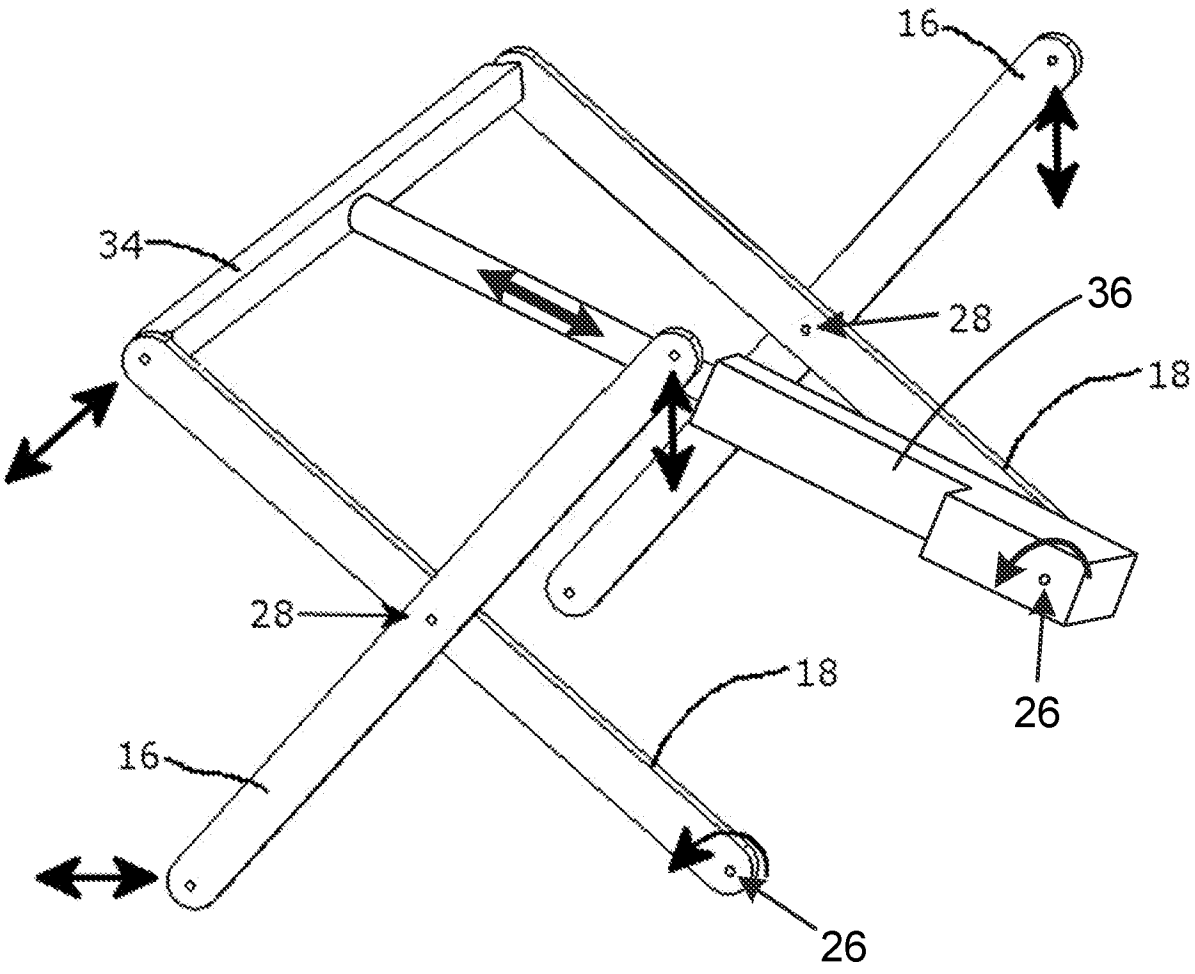


FIG. 4D

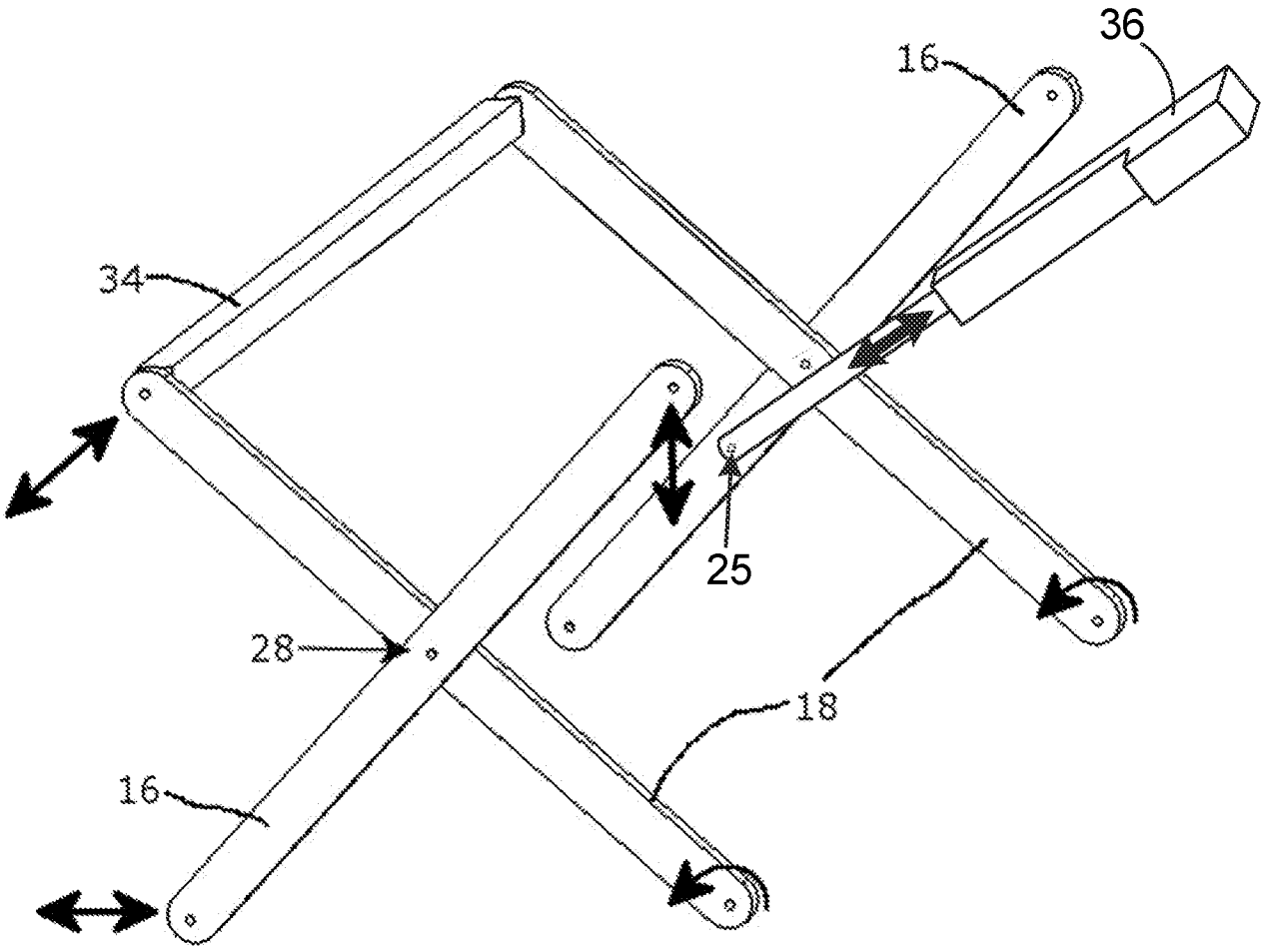


FIG. 4E

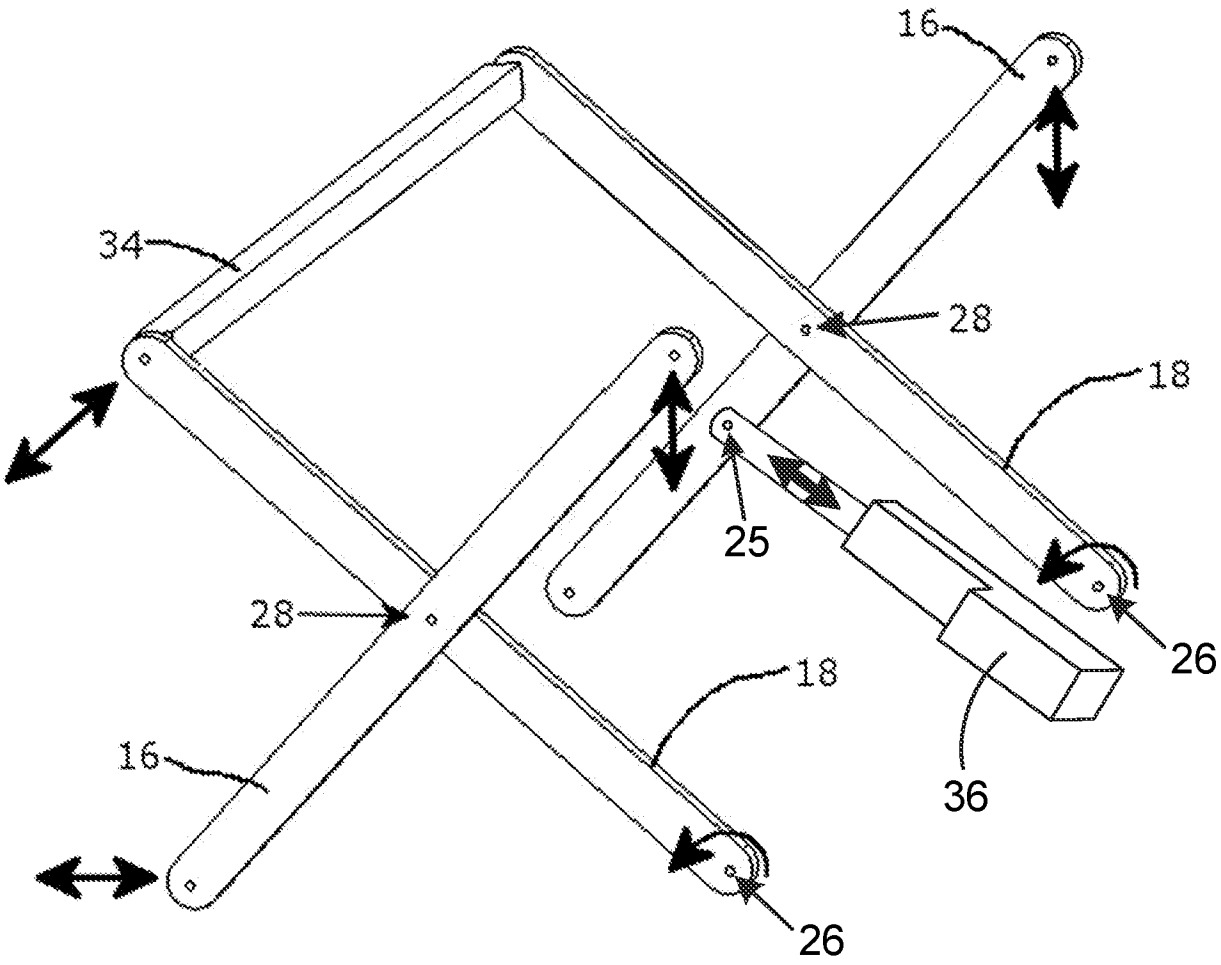


FIG. 4F

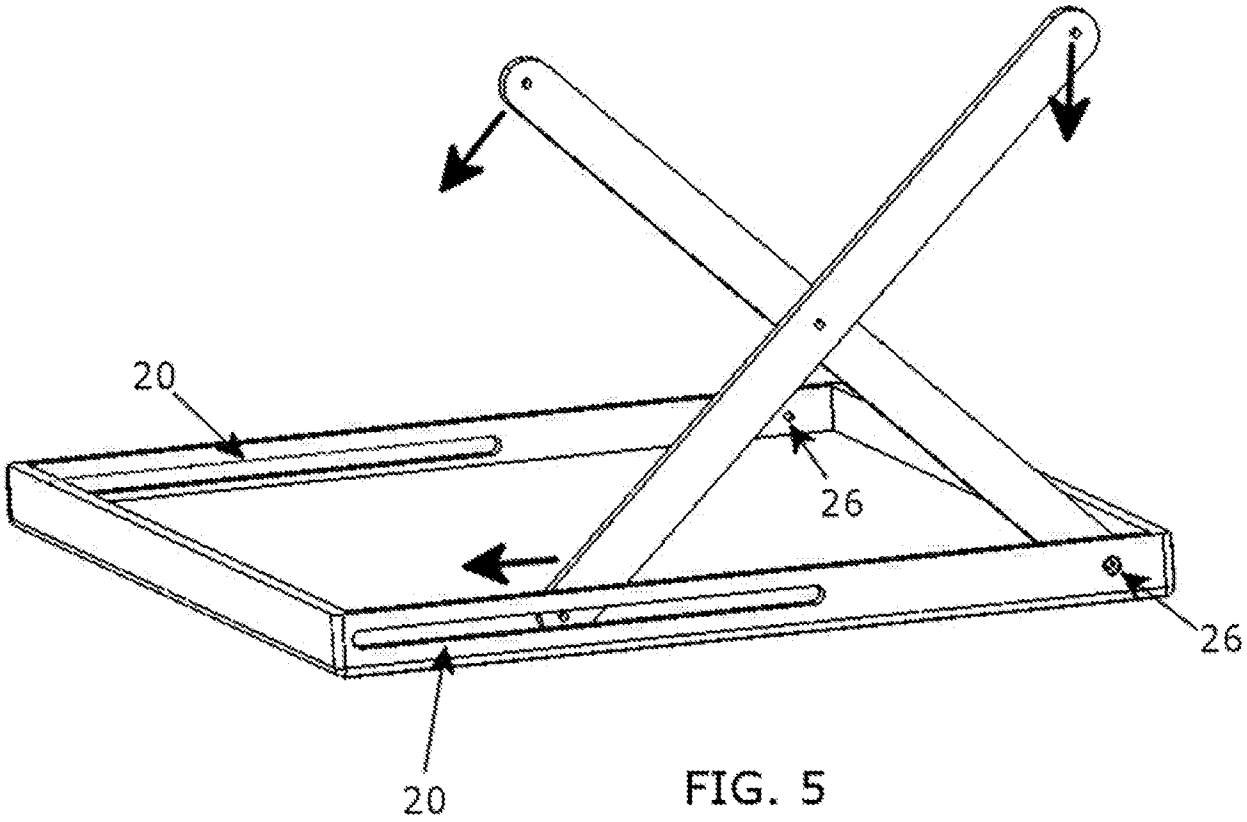


FIG. 5

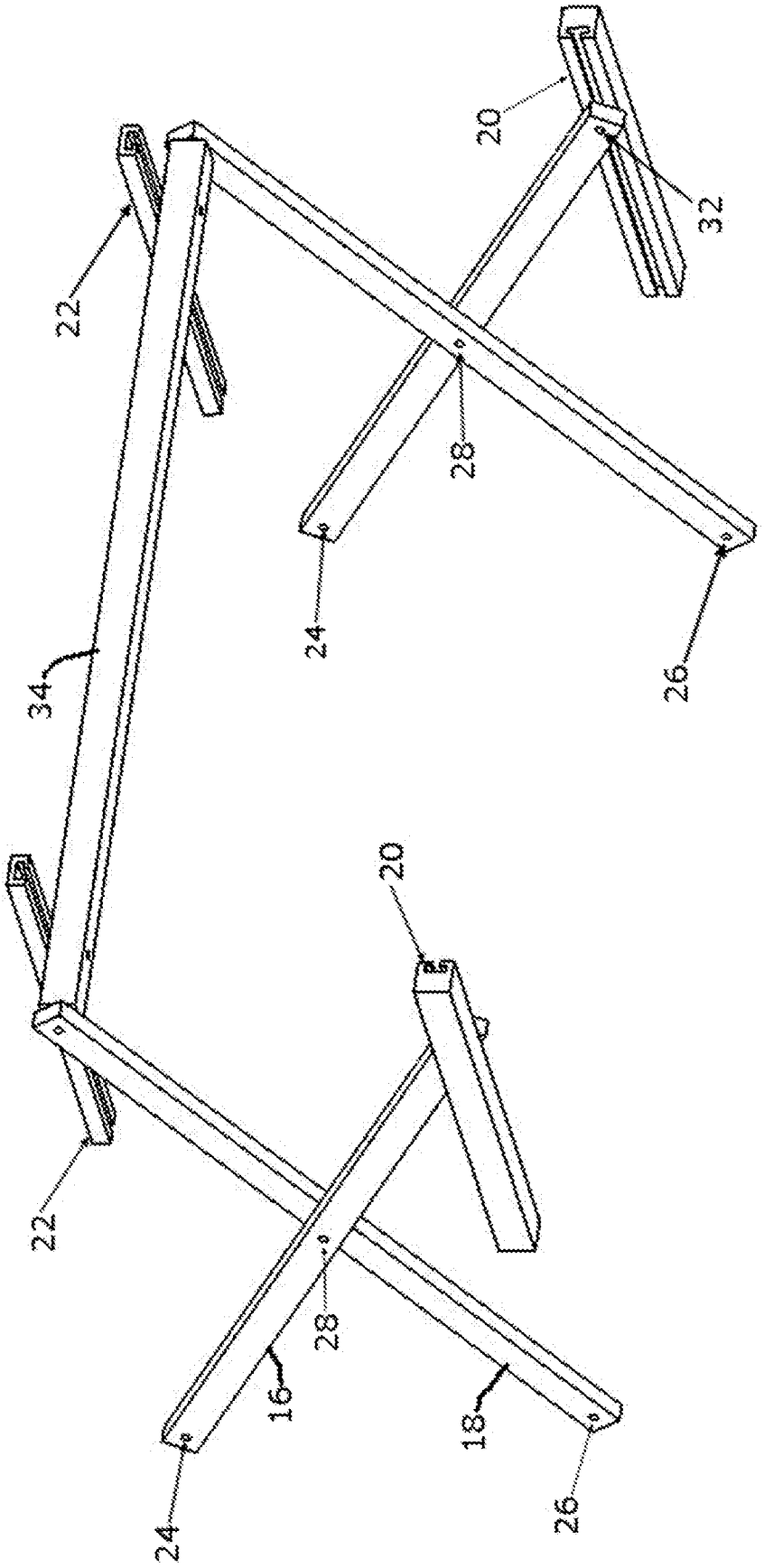


FIG. 5B

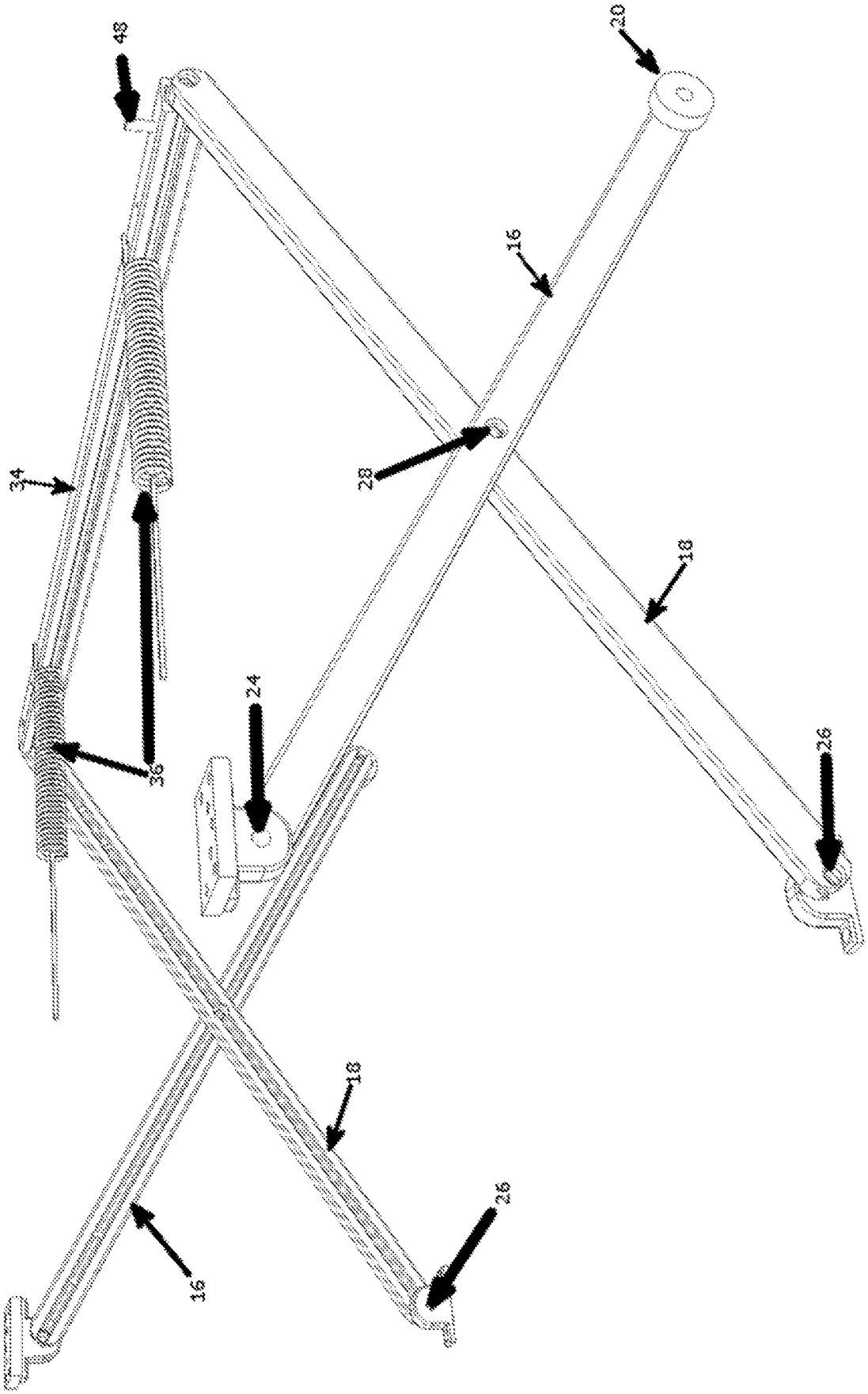


FIG. 5C

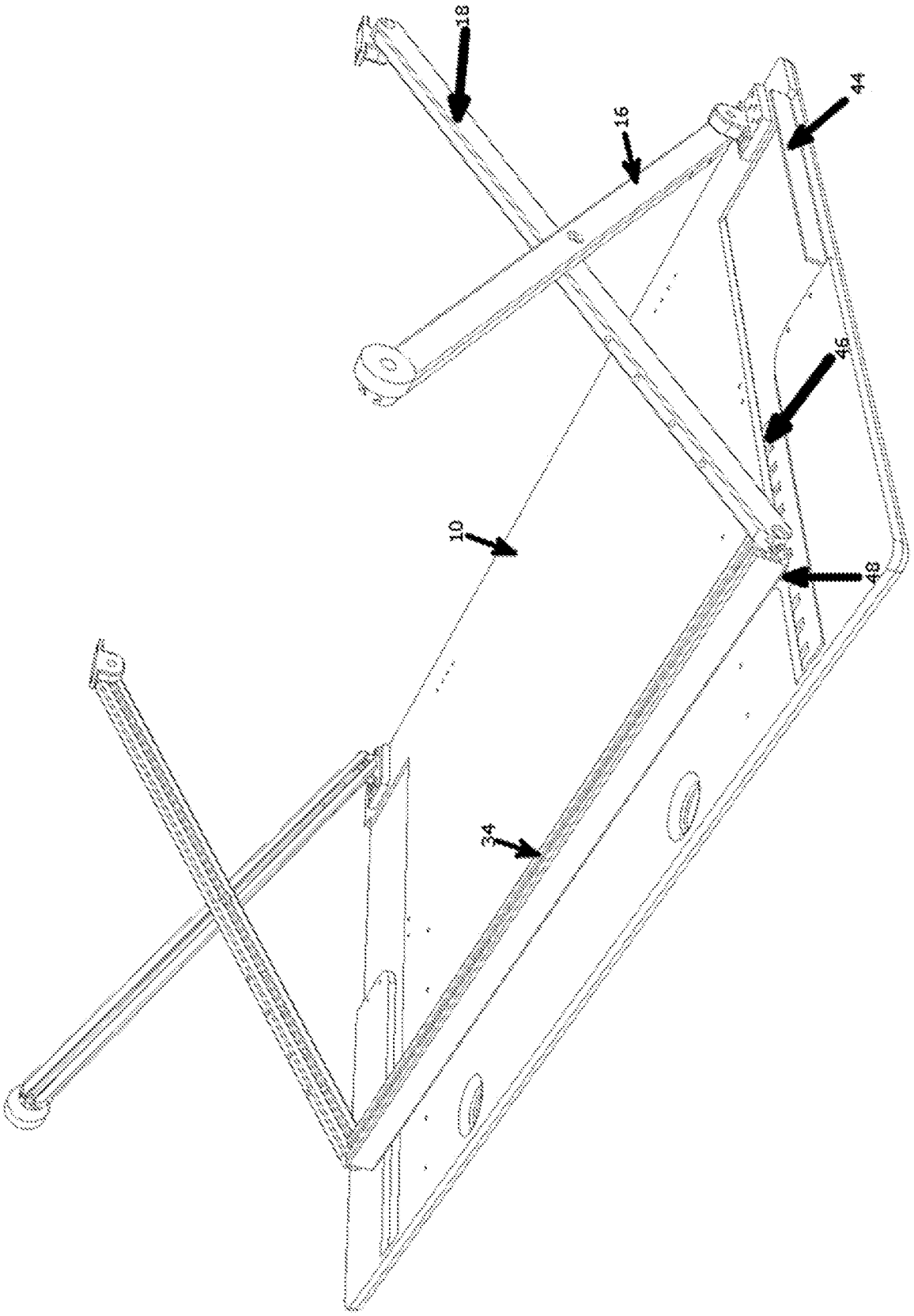


FIG. 5D

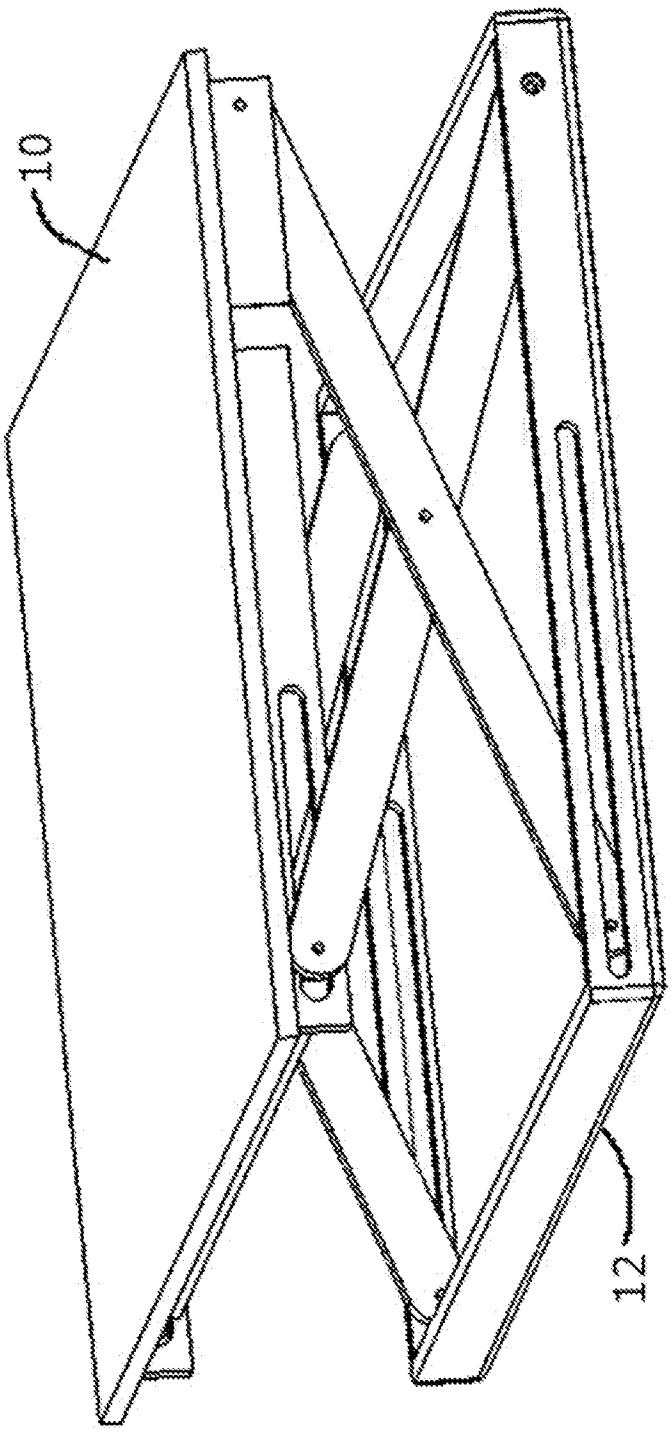


FIG. 6

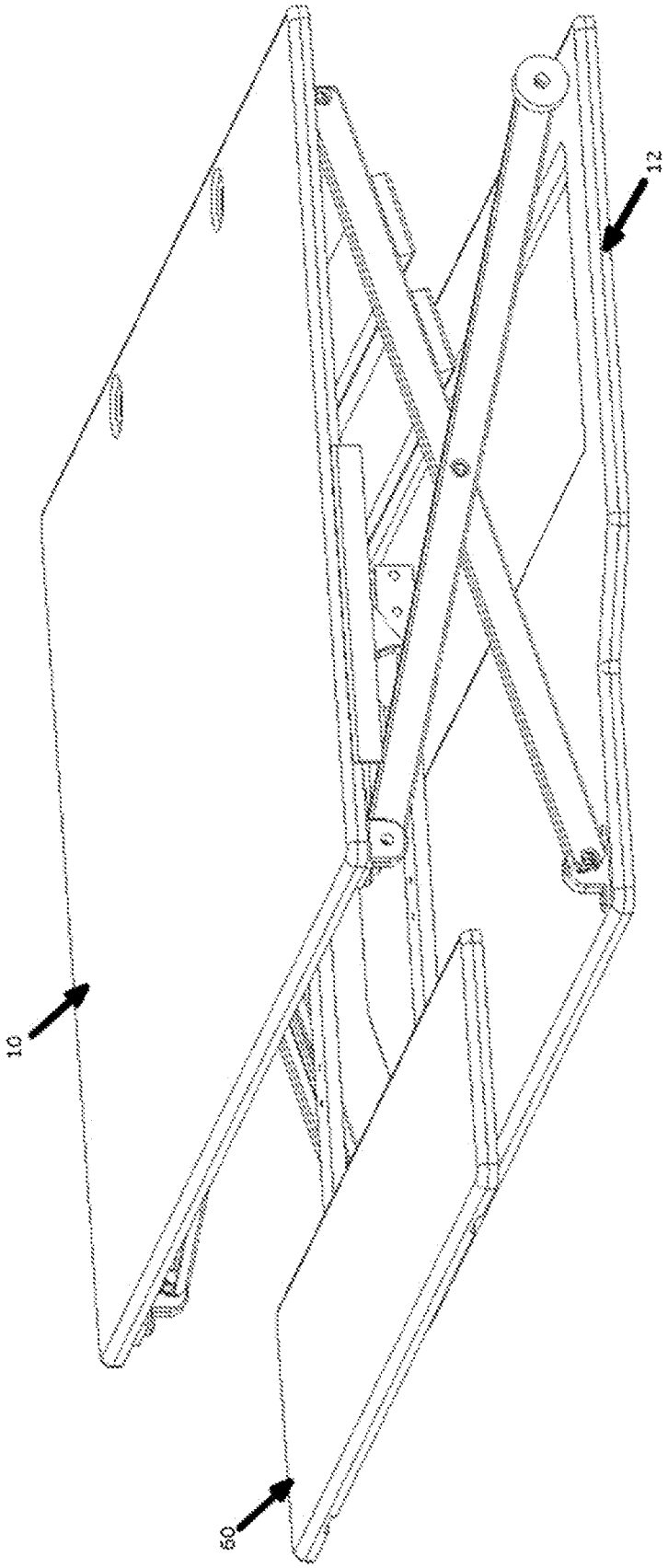


FIG. 6B

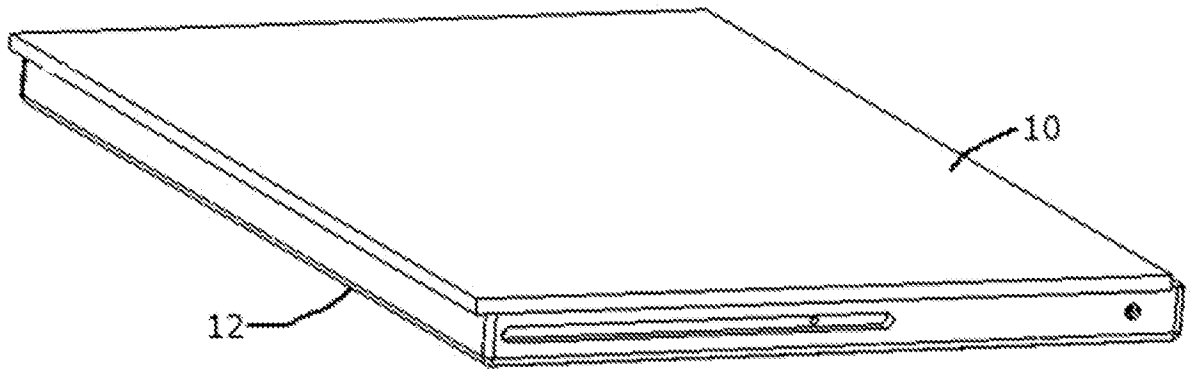


FIG. 7

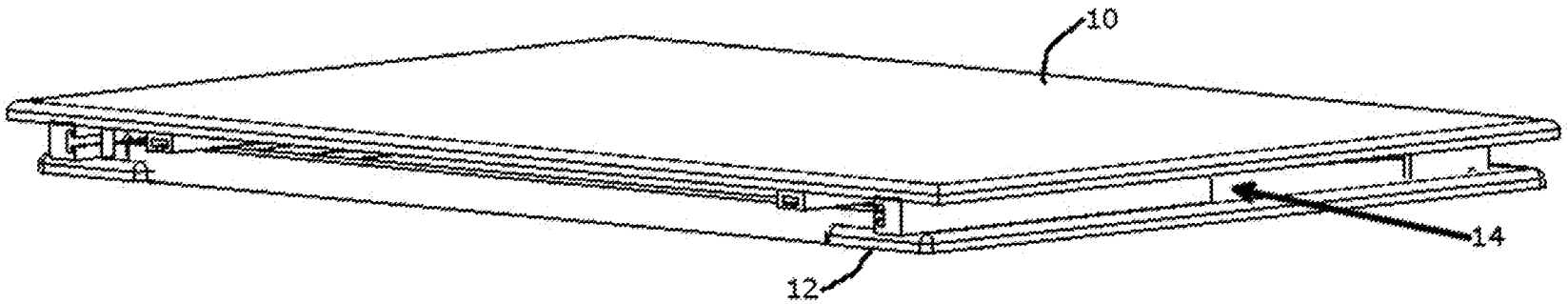


FIG. 7B

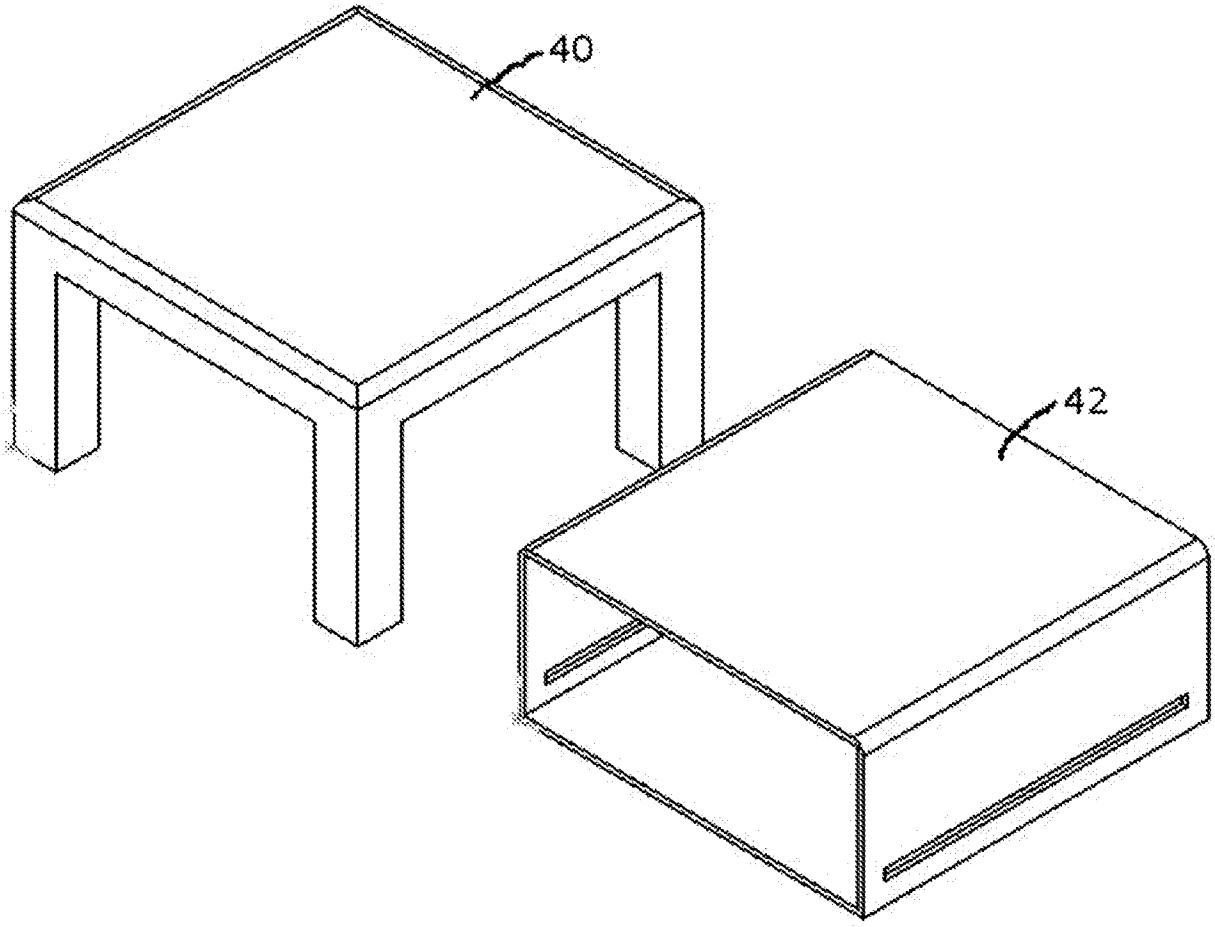


FIG. 8

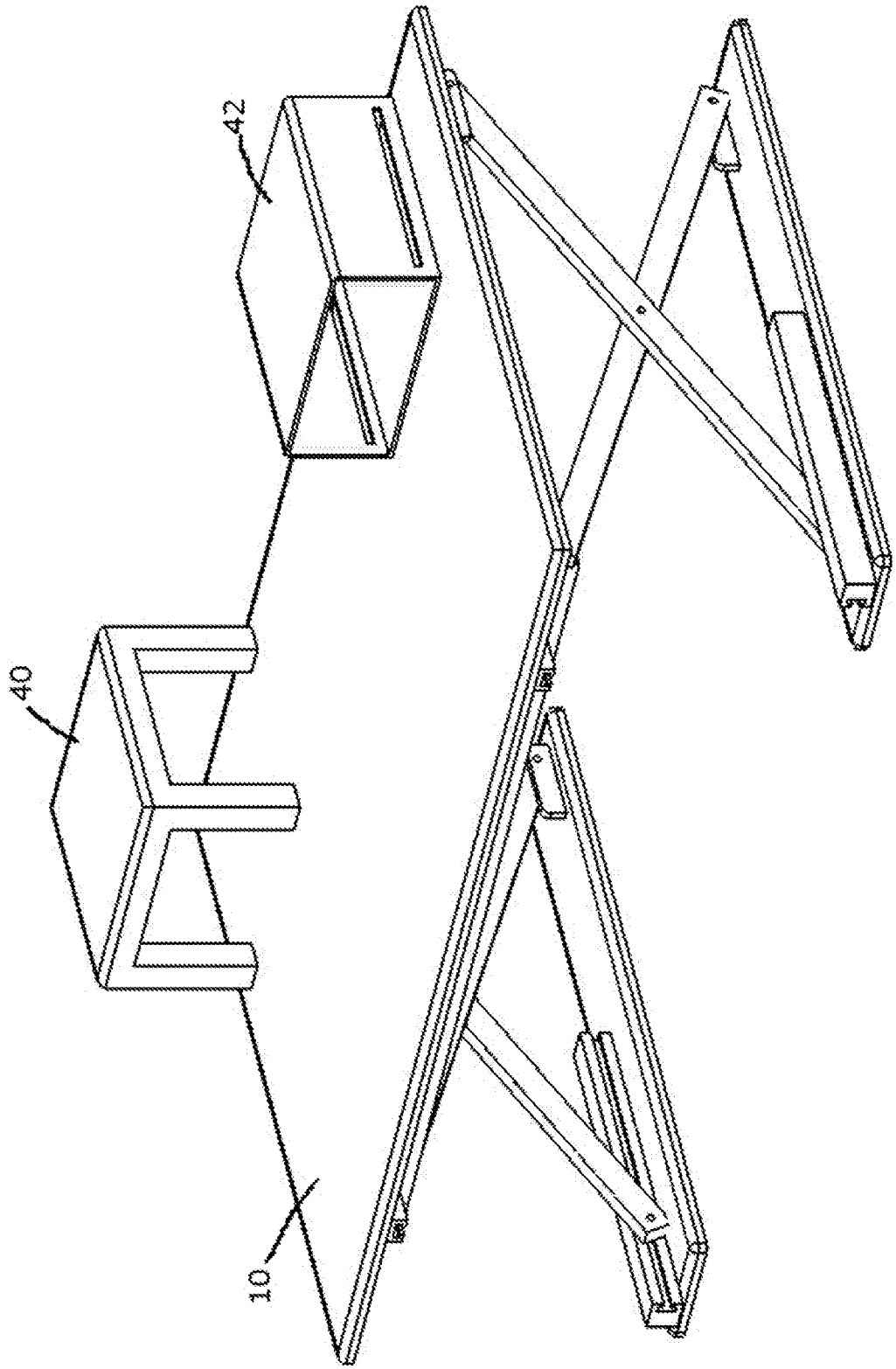


FIG. 9

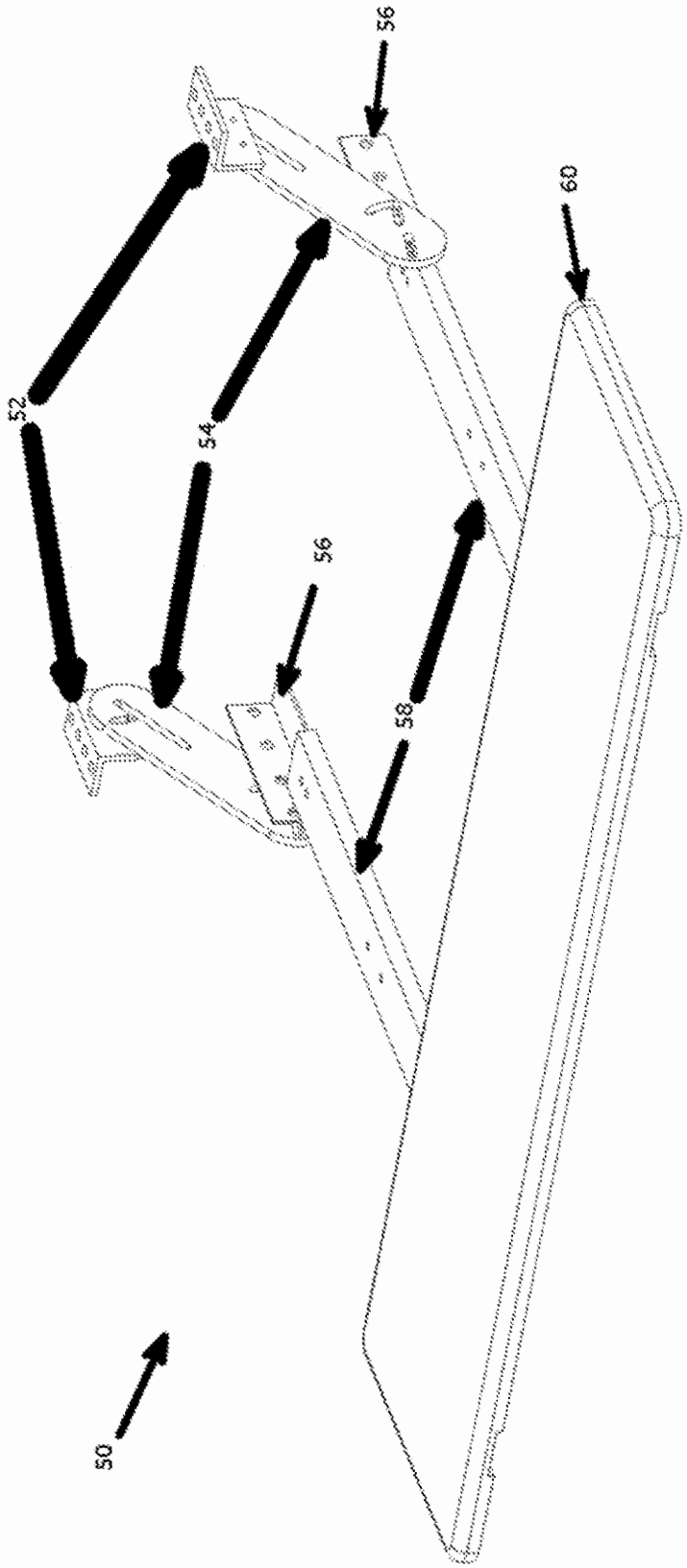


FIG. 10

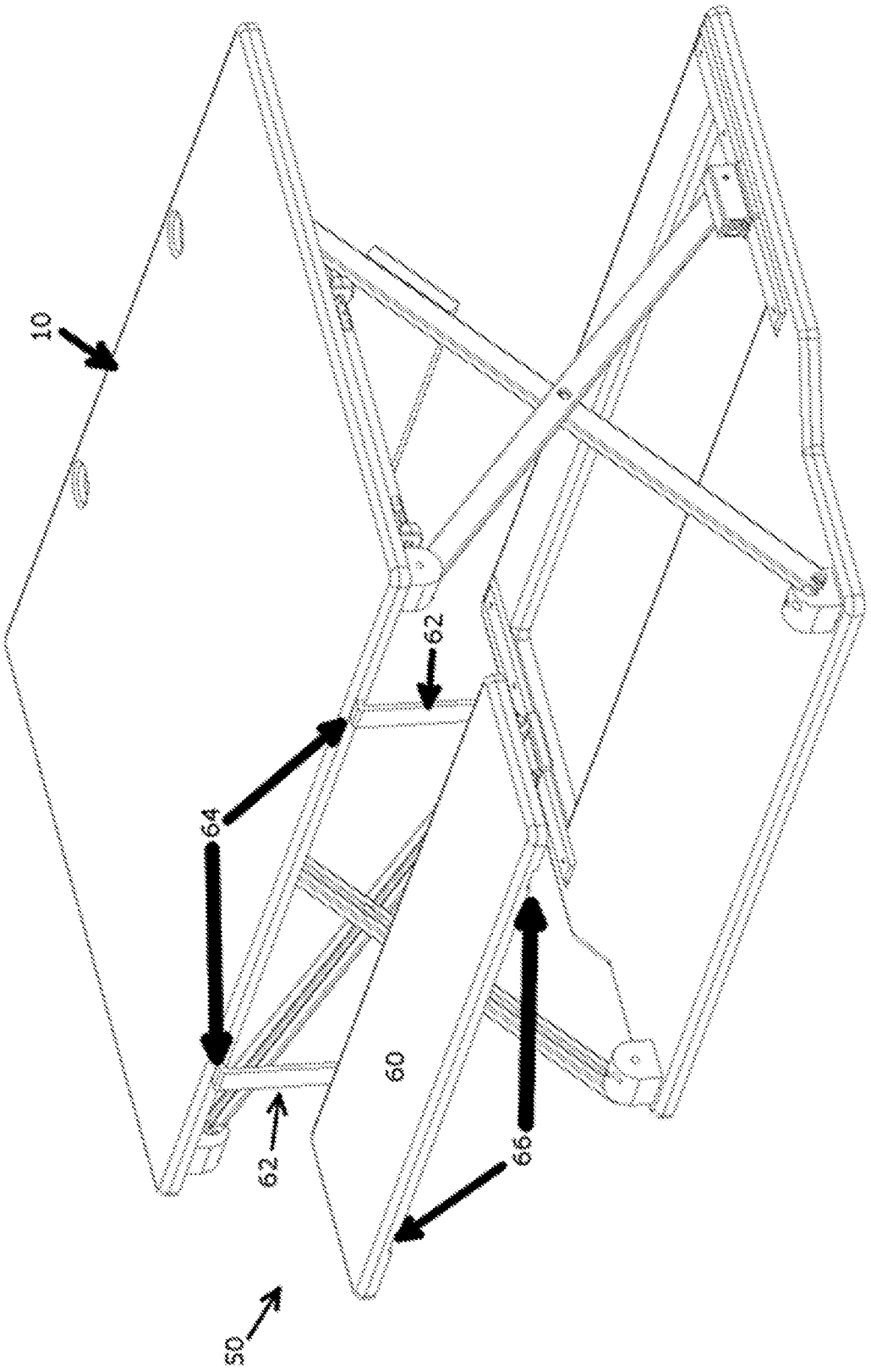


FIG. 10B

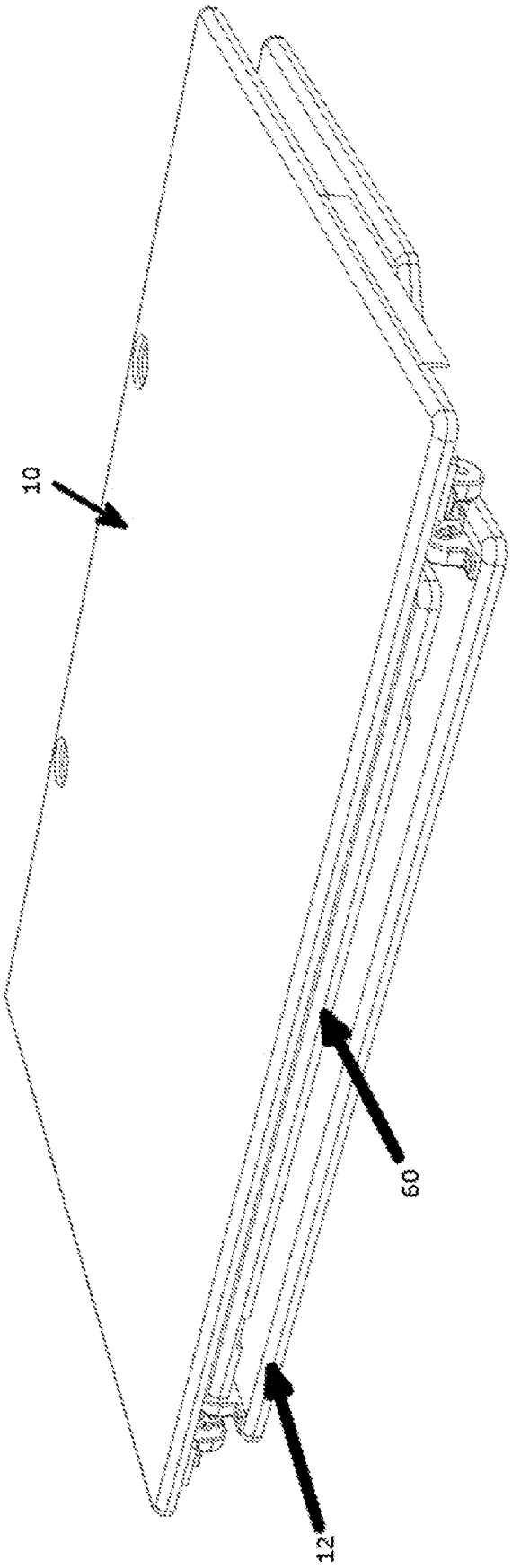


FIG. 10C

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99)**		
	Application Number	
	Filing Date	2024-09-26
	First Named Inventor	Nathan Mark Poniatowski
	Art Unit	
	Examiner Name	
	Attorney Docket Number	1001-001US29

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	2	5861051	JP	B2	2016-02-16	牛尾　将蔵 et al.		☒
	3	2012030022	JP	A	2012-02-16	Fukuhara et al.		☒

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	Art Unit	
	Examiner Name	
	Attorney Docket Number	1001-001US29

	4	2017045506	JP	A	2017-03-02	IGARASHI et al.		☒
	5	100802663	KR	B1	2008-02-12	김명신		☒
	6	101635611	KR	B1	2016-07-11	Tae		☒
	7	101747132	KR	B1	2017-06-27	김진태 et al.		☒
	8	101969133	KR	B1	2019-08-13	김진태 et al.		☒
	9	200479292	KR	Y1	2016-01-12	김승호		☒
	10	20140004886	KR	U	2014-09-03	Song		☒
	11	20160074221	KR	A	2016-06-28	Jung		☒
	12	1011051	NL	C2	2000-07-19	Klaveren		☒
	13	2000346	NL	C2	2008-05-29	Duiven		☒
	14	I531523	TW	B	2016-05-01	林傳凱 et al.		☒

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	Filing Date	2024-09-26
	First Named Inventor	Nathan Mark Poniatowski
	Art Unit	
	Examiner Name	
	Attorney Docket Number	1001-001US29

	15	8304168	WO	A1	1983-12-08	Bergenwall		☐
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	17	1986006054	WO	A1	1986-10-23	Johansson		☐
	18	1988005759	WO	A1	1988-08-11	Johansson		☐
	19	1991011979	WO	A1	1991-08-22	MÄKELÄINEN et al.		☐
	20	1991017906	WO	A1	1991-11-28	Lindahl		☐
	21	2008002373	WO	A2	2008-01-03	Catton		☐
	22	2014027010	WO	A1	2014-02-20	Gundall et al.		☒
	23	2014180572	WO	A1	2014-11-13	Baudermann		☒
	24	2015160825	WO	A2	2015-10-22	Ergun et al.		☐
	25	2016129971	WO	A1	2016-08-18	Kim et al.		☒

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	Art Unit	
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	Attorney Docket Number	1001-001US29

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	28	2017045506	WO	A1	2017-03-23	Xiang et al.		☒
	29	2017053200	WO	A1	2017-03-30	SWARTZ et al.		☐
	30	2018093007	WO	A1	2018-05-24	Bae et al.		☒
	31	2019001506	WO	A1	2019-01-03	Chen		☒
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	Art Unit	
	Examiner Name	
	Attorney Docket Number	1001-001US29

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.

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	Filing Date	2024-09-26
	First Named Inventor	Nathan Mark Poniatowski
	Art Unit	
	Examiner Name	
	Attorney Docket Number	1001-001US29

CERTIFICATION STATEMENT

Please see 37 CFR 1.97(e) 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.

☒ A certification statement is not submitted herewith.

FEE

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

COPIES

☐ An identification of an earlier application pursuant to 37 CFR 1.98 (d) (1) is attached.

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	/Daniel T. Lund/	Date (YYYY-MM-DD)	2024-09-26
Name/Print	Daniel T. Lund	Registration Number	58614

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.

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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.

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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
18/898,549	09/26/2024		864	1001-001US29	25	1

CONFIRMATION NO. 1241

155431
Lund IP
1125 2nd Ave
Newport, MN 55055

FILING RECEIPT

OC00000078984668

Date Mailed: 10/08/2024

Receipt is acknowledged of this non-provisional utility patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF FIRST INVENTOR, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection.

Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a corrected Filing Receipt, including a properly marked-up ADS showing the changes with strike-through for deletions and underlining for additions. If you received a "Notice to File Missing Parts" or other Notice requiring a response for this application, please submit any request for correction to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections provided that the request is grantable.

Inventor(s)

Nathan Mark Poniatowski, St. Petersburg, FL;

Applicant(s)

Office Kick, Inc., Boulder, CO;

Power of Attorney: The patent practitioners associated with Customer Number 155431

Domestic Priority data as claimed by applicant

This application is a CON of 18/481,082 10/04/2023
which is a CON of 17/985,137 11/10/2022 PAT 11,910,926
which is a CON of 17/493,812 10/04/2021 PAT 11,944,196
which is a CON of 16/785,647 02/09/2020 PAT 11,134,773
which is a CON of 16/372,334 04/01/2019 PAT 10,575,630
which is a DIV of 15/628,558 06/20/2017 PAT 10,244,861
which is a DIV of 15/004,926 01/23/2016 ABN
which claims benefit of 62/107,380 01/24/2015

Foreign Applications for which priority is claimed (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 10/04/2024
The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 18/898,549**
Projected Publication Date: Request for Non-Publication Acknowledged
Non-Publication Request: Yes
Early Publication Request: No
**** SMALL ENTITY ****
Title

DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY

Preliminary Class

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

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Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific

countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

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Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 18/898,549

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	64		N/A	
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	280		N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	320		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	25 minus 20 =	* 5	x 40 =	200	OR		
INDEPENDENT CLAIMS (37 CFR 1.16(h))	1 minus 3 =	*	x =	0			
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).			0			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				0			
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	864		TOTAL	

APPLICATION AS AMENDED - PART II

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
AMENDMENT A	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

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

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.

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Kathi Vidal

Kathi Vidal
Under Secretary of Commerce for Intellectual Property and
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Derrick Brent
Deputy Under Secretary of Commerce for Intellectual Property and
Deputy Director of the United States Patent and Trademark Office

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/898,549	09/26/2024	Nathan Mark Poniatowski	1001-001US29	1241

155431 7590 11/06/2024

Lund IP
1125 2nd Ave
Newport, MN 55055

EXAMINER
CENTRAL, DOCKET

ART UNIT	PAPER NUMBER
OPAP	

NOTIFICATION DATE	DELIVERY MODE
11/06/2024	ELECTRONIC

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

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

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

eofficeaction@appcoll.com
info@lundip.com

Decision Granting Request for Prioritized Examination (Track I)	**Application No.** 18/898,549	**Applicant(s)** Poniatowski, Nathan Mark	
	Examiner Liana Walsh	**Art Unit** OPET	**AIA (FITF) Status** Yes

1. THE REQUEST FILED 26 September 2024 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 Liana Walsh at (571)272-3206.

In his/her absence, calls may be directed to Petition Help Desk at (571) 272-3282.

/LIANA S WALSH/ Lead Paralegal Specialist, OPET	

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/898,549	Poniatowski, Nathan Mark
	Examiner	Art Unit
	JANET M WILKENS	3637

CPC - Searched*		
Symbol	**Date**	**Examiner**
A47B1/03;21/0314,00,02,03,04	11/12/2024	JMW
A47B9/16;2021/0321,0364,0335	11/12/2024	JMW
A47B3/02,0809,0815;2003/025	11/12/2024	JMW
A47B3/00;61/00	11/12/2024	JMW

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

US Classification - Searched*			
Class	**Subclass**	**Date**	**Examiner**
312	208.1,223.3	11/12/2024	JMW
248	421,562,588,585,431,432,439	11/12/2024	JMW
108	147,144.11,145,93,96,116-118.120,43.138,50.01.50.02,28	11/12/2024	JMW

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

Search Notes		
Search Notes	**Date**	**Examiner**
updated searches from parent cases	11/12/2024	JMW

Interference Search			
US Class/CPC Symbol	**US Subclass/CPC Group**	**Date**	**Examiner**

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/898,549	Poniatowski, Nathan Mark
	Examiner	Art Unit
	JANET M WILKENS	3637

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/898,549	Poniatowski, Nathan Mark
	Examiner	Art Unit
	JANET M WILKENS	3637

✓	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	11/12/2024								
	1	✓								
	2	✓								
	3	✓								
	4	✓								
	5	✓								
	6	✓								
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	21	✓								
	22	✓								
	23	✓								
	24	✓								
	25	✓								

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L1	86	"9326598"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/12 07:16 AM
L2	87	("1234569" | "1318564" | "2156148" | "2630359" | "4926760" | "5497706" | "5588377" | "5833200" | "6182935" | "6701853" | "7849789" | "8015638" | "8544391" | "8936306").pn. OR ("9326598").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/12 07:42 AM
L3	41	("3219338" | "4558648" | "4741512" | "5400720" | "5695173" | "5823120" | "6672430" | "9326598" | "9504316" | "9815672" | "20030154890" | "20050120922" | "20130341984" | "20170174486" | "20170340104").pn. OR ("10258149").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/12 07:46 AM
L4	78	"9815672"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/12 07:52 AM
L5	27	((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/12 07:54 AM
L6	22	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (side-by-side).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/12 07:54 AM
L7	5	"20110279958"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR,	OR	ON	ON	2024/11/12 08:12 AM

			GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L8	5	("0200057"|"0317468"|"0606845"|"0835247"|"10018298"|"10023355"|"10114352"|"10123613"|"10159336"|"10244861"|"10258148"|"10258149"|"10264877"|"10306977"|"10405647"|"10413055"|"10485336"|"10499730"|"10517390"|"10524565"|"10542817"|"10544019"|"10568416"|"10575630"|"10849424"|"10869549"|"10893748"|"11058217"|"11083282"|"11134773"|"11134774"|"11140977"|"11147366"|"11160367"|"11219307"|"11388989"|"11388991"|"11395544"|"11464325"|"11470959"|"11717080"|"11771218"|"11800927"|"11849843"|"11857073"|"11864654"|"11910926"|"11925264"|"11944196"|"11950699"|"11980289"|"12082695"|"12082696"|"1217772"|"1318564"|"20030042380"|"20030213415"|"20040035332"|"20040040480"|"20050029849"|"20050120922"|"20070001077"|"20070080564"|"20070266912"|"20070295882"|"20080000393"|"20090090832"|"20090145336"|"20090146389"|"20090200437"|"20100242174"|"20100257671"|"20110001033"|"20110024958"|"20120060291"|"20120097822"|"20120188302"|"20130145972"|"20130193392"|"20130199420"|"20130340655"|"20140144352"|"20140158026"|"20140248114"|"20140339747"|"20140360411"|"20150028787"|"20150216296"|"20150231992"|"20150232005"|"2015027403	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/12 08:24 AM

		8"|"20150289641"|"201 50368082"|"201503758 96"|"20160051042"|"20 160060084"|"20160106 205"|"20160170402"|"2 0160249737"|"2016025 8573"|"20160260019"|" 20160309889"|"201603 38486"|"20160353880"| "20170071332"|"20170 174486"|"20170196351 "|"20170354245"|"2017 0360192"|"2018000803 7"|"20180055214"|"201 80103752"|"201801252 27"|"20180160799"|"20 180177289"|"20180213 929"|"20180255919"|"2 0180279770"|"2018036 0208"|"20190110588"|" 20190183239"|"201902 69237"|"20200029685"| "20200107633"|"20230 329430"|"2260695"|"26 92807"|"2843418"|"291 6340"|"2937003"|"3092 918"|"3110476"|"31528 33"|"3282566"|"329580 0"|"3404791"|"3444830" |"3727245"|"3823915"|" 3826457"|"4072288"|"4 097941"|"4221280"|"42 49749"|"4382573"|"440 3680"|"4433759"|"4448 386"|"4449262"|"45345 44"|"4549720"|"455864 8"|"4558847"|"4577821" |"4611823"|"4625657"|" 4640488"|"4659052"|"4 702454"|"4709972"|"47 17112"|"4741512"|"475 3419"|"4826123"|"4843 978"|"4899987"|"49091 59"|"4941641"|"496767 2"|"4995130"|"5037163" |"5048784"|"5074000"|" 5211367"|"5251864"|"5 257767"|"5294087"|"54 00720"|"5460460"|"558 0027"|"5588377"|"5588 727"|"5626323"|"56322 09"|"5694864"|"569517 3"|"5722513"|"5729430" |"5765797"|"5823487"|" 5829948"|"5836562"|"5 895020"|"5926876"|"59 57426"|"6076785"|"609 8961"|"6135546"|"6148					

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L9	1335	("0200057"|"0317468"|" 0606845"|"0835247"|"1 0018298"|"10023355"|" 10114352"|"10123613"| "10159336"|"10244861" |"10258148"|"10258149 "|"10264877"|"1030697 7"|"10405647"|"104130 55"|"10485336"|"10499 730"|"10517390"|"1052 4565"|"10542817"|"105 44019"|"10568416"|"10 575630"|"10849424"|"1 0869549"|"10893748"|" 11058217"|"11083282"| "11134773"|"11134774" |"11140977"|"11147366 "|"11160367"|"1121930 7"|"11388989"|"113889 91"|"11395544"|"11464	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/12 08:24 AM

		325"|"11470959"|"1171 7080"|"11771218"|"118 00927"|"11849843"|"11 857073"|"11864654"|"1 1910926"|"11925264"|" 11944196"|"11950699"| "11980289"|"12082695" |"12082696"|"1217772"| "1318564"|"200300423 80"|"20030213415"|"20 040035332"|"20040040 480"|"20050029849"|"2 0050120922"|"2007000 1077"|"20070080564"|" 20070266912"|"200702 95882"|"20080000393"| "20090090832"|"20090 145336"|"20090146389 "|"20090200437"|"2010 0242174"|"2010025767 1"|"20110001033"|"201 10024958"|"201200602 91"|"20120097822"|"20 120188302"|"20130145 972"|"20130193392"|"2 0130199420"|"2013034 0655"|"20140144352"|" 20140158026"|"201402 48114"|"20140339747"| "20140360411"|"20150 028787"|"20150216296 "|"20150231992"|"2015 0232005"|"2015027403 8"|"20150289641"|"201 50368082"|"201503758 96"|"20160051042"|"20 160060084"|"20160106 205"|"20160170402"|"2 0160249737"|"2016025 8573"|"20160260019"|" 20160309889"|"201603 38486"|"20160353880"| "20170071332"|"20170 174486"|"20170196351 "|"20170354245"|"2017 0360192"|"2018000803 7"|"20180055214"|"201 80103752"|"201801252 27"|"20180160799"|"20 180177289"|"20180213 929"|"20180255919"|"2 0180279770"|"2018036 0208"|"20190110588"|" 20190183239"|"201902 69237"|"20200029685"| "20200107633"|"20230 329430"|"2260695"|"26 92807"|"2843418"|"291					

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L12	173648	clark.in.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/12 08:34 AM
L13	5	clark.in. AND hydralic	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD,	OR	ON	ON	2024/11/12 08:34 AM

			DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L14	92	("2706102" | "2862689" | "2937852").pn. OR ("4577821").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/12 08:37 AM
L15	4419	(A47B9/16 OR A47B21/02 OR A47B21/0314 OR A47B21/04 OR A47B2021/0335).cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/12 08:45 AM
L16	179	(A47B9/16 OR A47B21/02 OR A47B21/0314 OR A47B21/04 OR A47B2021/0335).cpc. AND (spring SAME (arm OR link) WITH (cross OR X))	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/12 08:46 AM
L17	290	("0200057" | "0317468" | "0606845" | "0835247" | "1217772" | "1318564" | "2260695" | "2692807" | "2843418" | "2916340" | "2937003" | "3092918" | "3110476" | "3152833" | "3282566" | "3295800" | "3404791" | "3444830" | "3727245" | "3823915" | "3826457" | "4072288" | "4097941" | "4221280" | "4249749" | "4382573" | "4403680" | "4433759" | "4448386" | "4449262" | "4534544" | "4549720" | "4558648" | "4558847" | "4577821" | "4611823" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4899987" | "4909159" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5074000" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/12 09:38 AM

		| "5460460" | "5580027" | "5588377" | "5588727" | "5626323" | "5632209" | "5694864" | "5695173" | "5722513" | "5729430" | "5765797" | "5823487" | "5829948" | "5836562" | "5895020" | "5926876" | "5957426" | "6076785" | "6098961" | "6135546" | "6148739" | "6176456" | "6179261" | "6220558" | "6269753" | "6273382" | "6381335" | "6488248" | "6516478" | "6533229" | "6533479" | "6550740" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7568675" | "7575205" | "7677518" | "D622350" | "7793597" | "7841570" | "7845665" | "7946551" | "7950338" | "7988232" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8800976" | "8931750" | "8950343" | "9049923" | "9055810" | "9113703" | "9133974" | "9133976" | "9232855" | "9326598" | "9440559" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9961991" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "D832623" | "10123613" | "10159336" | "D841014" | "D845037" | "D845678" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10405647" | "10413055" | "D862936" | "10485336" |					

		"D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959" | "10849424" | "10869549" | "10893748" | "11058217" | "11083282" | "11134773" | "11134774" | "11140977" | "11147366" | "11160367" | "11219307" | "11388989" | "11388991" | "11395544" | "11464325" | "11470959" | "11717080" | "11771218" | "11800927" | "11849843" | "11857073" | "11864654" | "11910926" | "11925264" | "11944196" | "11950699" | "11980289" | "20030042380" | "20030213415" | "20040035332" | "20040040480" | "20050029849" | "20050120922" | "20070001077" | "20070080564" | "20070266912" | "20070295882" | "20080000393" | "20090090832" | "20090145336" | "20090146389" | "20090200437" | "20100242174" | "20100257671" | "20110001033" | "20110024958" | "20120060291" | "20120097822" | "20120188302" | "20130145972" | "20130193392" |					

		"20130199420" | "20130340655" | "20140144352" | "20140158026" | "20140248114" | "20140339747" | "20140360411" | "20150028787" | "20150216296" | "20150231992" | "20150232005" | "20150274038" | "20150289641" | "20150368082" | "20150375896" | "20160051042" | "20160060084" | "20160106205" | "20160170402" | "20160249737" | "20160258573" | "20160260019" | "20160309889" | "20160338486" | "20160353880" | "20170071332" | "20170174486" | "20170196351" | "20170354245" | "20170360192" | "20180008037" | "20180055214" | "20180103752" | "20180125227" | "20180160799" | "20180177289" | "20180213929" | "20180255919" | "20180279770" | "20180360208" | "20190110588" | "20190183239" | "20190269237" | "20200029685" | "20200107633" | "20230329430").pn. OR ("12082695").urpn. AND (PGPB | USPT | USOC).dbnm.					
L18	32	(Artificial Intelligence) More like doc: US-12082695-B1 Text: (US-317468-A OR US-1318564-A OR US-2843418-A OR US-2937003-A OR US-	(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,	OR	ON	ON	2024/11/12 09:39 AM

		3092918-A OR NO-115049-B OR US-3282566-A OR US-3404791-A OR US-4221280-A OR DE-2851555-C2 OR US-4448386-A OR SE-440722-B OR SE-450486-B OR US-4558648-A OR JP-S60191836-A OR US-4640488-A OR DE-8606822-U1 OR US-D302893-S OR DE-3717703-A1 OR US-4843978-A).did.	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)				
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L20	44	("11849843"|"11944196"|"11950699"|"11980289"|"0200057"|"0317468"|"0606845"|"0835247"|"10018298"|"10023355"|"10114352"|"10123613"|"10159336"|"10244861"|"10258148"|"10258149"|"10264877"|"103069	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/12 09:49 AM

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L21	50	(Artificial Intelligence) Similar to: 18/898,549 with 0 CPC Selections and 0 Text Selections Text: (US-11134773-B1 OR US-11849843-B1 OR US-11950699-B1 OR US-11147366-B1 OR US-11857073-B1 OR US-10575630-B1 OR US-12102229-B1 OR US-11464325-B1 OR US-11800927-B1 OR US-11160367-B1 OR US-11944196-B1 OR US-12082695-B1 OR US-10244861-B1 OR US-12082696-B1 OR US-11925264-B1 OR US-11470959-B1 OR US-10568416-B1 OR US-11864654-B1 OR US-11910926-B1 OR US-11980289-B1 OR US-11134774-B1 OR US-11388989-B1 OR US-11140977-B1 OR US-12029315-B1 OR US-11388991-B1 OR US-10893748-B1 OR US-11395544-B1 OR US-8671853-B2 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/11/12 09:56 AM

		CA-2814945-C OR AU-2012381034-A1 OR US-20130139736-A1 OR EP-2685867-B1 OR KR-20140098842-A OR WO-2013176690-A1 OR CA-2814945-A1 OR AU-2012381034-B2 OR AU-2012381034-C1 OR WO-2021069852-A1 OR AU-2019469836-A1 OR AU-2023219957-A1 OR US-20150216296-A1 OR US-11918104-B2 OR US-20220369806-A1 OR US-20160037909-A1 OR JP-2024035213-A OR US-20240065432-A1 OR US-20140158026-A1 OR CN-117617674-A OR US-9504316-B1 OR EP-4331433-A1).did.					
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L23	5021	(A47B1/03 OR A47B21/0314,00,02,03,04).cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/12 10:00 AM
L24	167	(A47B1/03 OR A47B21/0314,00,02,03,04).cpc. AND (spring SAME (arm OR link) WITH (cross OR X))	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/12 10:01 AM
L25	113	(A47B9/16 OR A47B2021/0321,0364,0335).cpc. AND (spring SAME (arm OR link) WITH (cross OR X))	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/12 02:55 PM

L26	0	(A47B3/00 AND A47B61/00).cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/12 06:17 PM
L27	1970	(A47B3/00 OR A47B61/00).cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/12 06:17 PM
L28	1312	(A47B3/02,0809,0815 OR A47B2003/025).cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/12 06:25 PM
L29	285	312/208.1,223.3.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/13 06:46 AM
L30	5	248/ "421,562,588,585,431432,439".ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/13 06:50 AM
L31	1607	248/421,562,588,585,431,432,439.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/13 06:50 AM
L32	1410	108/147,144.11,145,93,96,116-118,120,43.138,50.01.50.02,28.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/13 06:52 AM

L33	40	(Artificial Intelligence) More like doc: US-20130145972-A1 Text: (US-2641247-A OR JP-S495953-B1 OR US-4032103-A OR US-4249749-A OR US-4685731-A OR US-5324064-A OR US-5447319-A OR US-5588377-A OR US-6701853-B1 OR US-7204343-B1 OR US-20070034125-A1 OR US-7849789-B1 OR JP-5057387-B2 OR US-8016305-B2 OR US-20130145972-A1 OR US-9644378-B2 OR US-20150008072-A1 OR US-8544391-B2 OR WO-2014201375-A2 OR GB-2600352-A).did.	(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	2024/11/13 06:56 AM
L34	36569	(table OR desk) SAME (arm OR link) SAME (X OR cross) SAME spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/13 07:00 AM
L35	821	(table OR desk) SAME (arm OR link) SAME (X OR cross) SAME spring AND A47B	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/13 07:00 AM

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	
	Filing Date	2024-09-26
	First Named Inventor	Nathan Mark Poniatowski
	Art Unit	
	Examiner Name	
	Attorney Docket Number	1001-001US29

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Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
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	1	3028735	FR	A1	2016-05-27	Kalogeropoulos et al.		☒
	2	5861051	JP	B2	2016-02-16	牛尾　将蔵 et al.		☒
	3	2012030022	JP	A	2012-02-16	Fukuhara et al.		☒

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	
	Filing Date	2024-09-26
	First Named Inventor	Nathan Mark Poniatowski
	Art Unit	
	Examiner Name	
	Attorney Docket Number	1001-001US29

	4	2017045506	JP	A	2017-03-02	IGARASHI et al.		☒
	5	100802663	KR	B1	2008-02-12	김명신		☒
	6	101635611	KR	B1	2016-07-11	Tae		☒
	7	101747132	KR	B1	2017-06-27	김진태 et al.		☒
	8	101969133	KR	B1	2019-08-13	김진태 et al.		☒
	9	200479292	KR	Y1	2016-01-12	김승호		☒
	10	20140004886	KR	U	2014-09-03	Song		☒
	11	20160074221	KR	A	2016-06-28	Jung		☒
	12	1011051	NL	C2	2000-07-19	Klaveren		☒
	13	2000346	NL	C2	2008-05-29	Duiven		☒
	14	I531523	TW	B	2016-05-01	林傳凱 et al.		☒

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Filing Date	2024-09-26
First Named Inventor	Nathan Mark Poniatowski
Art Unit	
Examiner Name	
Attorney Docket Number	1001-001US29

	15	8304168	WO	A1	1983-12-08	Bergenwall		☐
	16	8606053	WO	A1	1986-10-23	Elkuch et al.		☒
	17	1986006054	WO	A1	1986-10-23	Johansson		☐
	18	1988005759	WO	A1	1988-08-11	Johansson		☐
	19	1991011979	WO	A1	1991-08-22	MÄKELÄINEN et al.		☐
	20	1991017906	WO	A1	1991-11-28	Lindahl		☐
	21	2008002373	WO	A2	2008-01-03	Catton		☐
	22	2014027010	WO	A1	2014-02-20	Gundall et al.		☒
	23	2014180572	WO	A1	2014-11-13	Baudermann		☒
	24	2015160825	WO	A2	2015-10-22	Ergun et al.		☐
	25	2016129971	WO	A1	2016-08-18	Kim et al.		☒

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	Art Unit	
	Examiner Name	
	Attorney Docket Number	1001-001US29

	26	2016187212	WO	A1	2016-11-24	MARTIN		☐
	27	2016200318	WO	A1	2016-12-15	Freedesk et al.		☐
	28	2017045506	WO	A1	2017-03-23	Xiang et al.		☒
	29	2017053200	WO	A1	2017-03-30	SWARTZ et al.		☐
	30	2018093007	WO	A1	2018-05-24	Bae et al.		☒
	31	2019001506	WO	A1	2019-01-03	Chen		☒
	32	2019001507	WO	A1	2019-01-03	Chen		☒

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	1		☐

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	Art Unit	
	Examiner Name	
	Attorney Docket Number	1001-001US29

EXAMINER SIGNATURE			
Examiner Signature	/JANET M WILKENS/	Date Considered	11/12/2024

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

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

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	
	Filing Date	2024-09-26
	First Named Inventor	Nathan Mark Poniatowski
	Art Unit	
	Examiner Name	
	Attorney Docket Number	1001-001US29

CERTIFICATION STATEMENT

Please see 37 CFR 1.97(e) 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.

☒ A certification statement is not submitted herewith.

FEE

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

COPIES

☐ An identification of an earlier application pursuant to 37 CFR 1.98 (d) (1) is attached.

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	/Daniel T. Lund/	Date (YYYY-MM-DD)	2024-09-26
Name/Print	Daniel T. Lund	Registration Number	58614

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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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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	2	317468	A	1885-05-05	Morstatt	
	3	606845	A	1898-07-05	Simmons	
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	8	2692807	A	1954-10-26	Fred	

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	17	3404791	A	1968-10-08	Roy	
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	20	3823915	A	1974-07-16	Koehler	
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	39	4659052	A	1987-04-21	Nagata	
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	43	4741512	A	1988-05-03	Elkuch et al.	
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	64	5626323	A	1997-05-06	Lechman et al.	
	65	5632209	A	1997-05-27	Sakakibara	
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	75	5926876	A	1999-07-27	Haigh et al.	
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	92	6672430	B2	2004-01-06	Boucher et al.	
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	143	9981571	B2	2018-05-29	Garing	
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	152	D854775	S1	2019-07-23	Chang et al.	
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	First Named Inventor	Nathan Mark Poniatowski
	Art Unit	
	Examiner Name	
	Attorney Docket Number	1001-001US29

	185	11160367	B1	2021-11-02	Poniatowski	
	186	11219307	B2	2022-01-11	Laudadio et al.	
	187	11388989	B1	2022-07-19	Poniatowski	
	188	11388991	B1	2022-07-19	Poniatowski	
	189	11395544	B1	2022-07-26	Poniatowski	
	190	11464325	B1	2022-10-11	Poniatowski	
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	192	11717080	B2	2023-08-08	Laudadio et al.	
	193	11771218	B2	2023-10-03	Laudadio et al.	
	194	11800927	B1	2023-10-31	Poniatowski	
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	Examiner Name	
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	196	11857073	B1	2024-01-02	Poniatowski	
	197	11864654	B1	2024-01-09	Poniatowski	
	198	11910926	B1	2024-02-27	Poniatowski	
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	203	12082695	B1	2024-09-10	Poniatowski	
	204	12082696	B1	2024-09-10	Poniatowski	

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	Attorney Docket Number	1001-001US29

	1	20030042380	A1	2003-03-06	Hagglund et al.	
	2	20030213415	A1	2003-11-20	Ross et al.	
	3	20040035332	A1	2004-02-26	Lin	
	4	20040040480	A1	2004-03-04	Hwang	
	5	20050029849	A1	2005-02-10	Goetz et al.	
	6	20050120922	A1	2005-06-09	Brooks	
	7	20070001077	A1	2007-01-04	Kirchhoff	
	8	20070080564	A1	2007-04-12	Chen	
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	11	20080000393	A1	2008-01-03	Wilson et al.	

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	12	20090090832	A1	2009-04-09	Mileos et al.	
	13	20090145336	A1	2009-06-11	Kenny	
	14	20090146389	A1	2009-06-11	Borisoff	
	15	20090200437	A1	2009-08-13	Smed	
	16	20100242174	A1	2010-09-30	Paul Morrison et al.	
	17	20100257671	A1	2010-10-14	Shimada et al.	
	18	20110001033	A1	2011-01-06	Kohl et al.	
	19	20110024958	A1	2011-02-03	Deml et al.	
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	22	20120188302	A1	2012-07-26	Zanelli	

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	23	20130145972	A1	2013-06-13	Knox et al.	
	24	20130193392	A1	2013-08-01	McGinn	
	25	20130199420	A1	2013-08-08	Hjelm	
	26	20130340655	A1	2013-12-26	Flaherty	
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	29	20140248114	A1	2014-09-04	Sawyer	
	30	20140339747	A1	2014-11-20	Bethina et al.	
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	34	20150231992	A1	2015-08-20	Gundall et al.	
	35	20150232005	A1	2015-08-20	Haller et al.	
	36	20150274038	A1	2015-10-01	Garing	
	37	20150289641	A1	2015-10-15	Ergun et al.	
	38	20150368082	A1	2015-12-24	Davis et al.	
	39	20150375896	A1	2015-12-31	Taylor et al.	
	40	20160051042	A1	2016-02-25	Koch	
	41	20160060084	A1	2016-03-03	Baudermann	
	42	20160106205	A1	2016-04-21	Hall et al.	
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	44	20160249737	A1	2016-09-01	Han	

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	45	20160258573	A1	2016-09-08	Goldish et al.	
	46	20160260019	A1	2016-09-08	Ruiz et al.	
	47	20160309889	A1	2016-10-27	LIN et al.	
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	51	20170174486	A1	2017-06-22	Kochie et al.	
	52	20170196351	A1	2017-07-13	Failing	
	53	20170354245	A1	2017-12-14	Martin et al.	
	54	20170360192	A1	2017-12-21	Hu	
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	56	20180055214	A1	2018-03-01	Kim et al.	
	57	20180103752	A1	2018-04-19	ZHONG	
	58	20180125227	A1	2018-05-10	Xiang et al.	
	59	20180160799	A1	2018-06-14	Westergård et al.	
	60	20180177289	A1	2018-06-28	Chen	
	61	20180213929	A1	2018-08-02	Ergun et al.	
	62	20180255919	A1	2018-09-13	Swartz et al.	
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	65	20190110588	A1	2019-04-18	WONG	
	66	20190183239	A1	2019-06-20	SEMMELRATH et al.	

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	67	20190269237	A1	2019-09-05	ZHU	
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	70	20230329430	A1	2023-10-19	Laudadio et al.	

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	1	580874	AU	B2	1989-02-02	Johansson		☐
	2	5691386	AU	A	1986-11-05	Elkuch et al.		☐
	3	2014216002	AU	A1	2015-03-19	Flaherty et al.		☐
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	5	1142343	CN	A	1997-02-12	Herbert et al.		☒

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	6	2637251	CN	Y	2004-09-01	黄梦侠 et al.		☒
	7	2781893	CN	Y	2006-05-24	赵永东		☒
	8	101711220	CN	B	2013-11-20	Shimada et al.		☒
	9	102599728	CN	A	2012-07-25	Xu		☒
	10	103653780	CN	A	2014-03-26	Flaherty et al.		☒
	11	104540707	CN	B	2017-05-03	Gundall et al.		☒
	12	104692286	CN	B	2017-04-12	Lin et al.		☒
	13	105124920	CN	A	2015-12-09	Xiang et al.		☒
	14	107048694	CN	A	2017-08-18	Dai et al.		☒
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	17	107744256	CN	A	2018-03-02	Han et al.		☒
	18	107756350	CN	A	2018-03-06	Zhao et al.		☒
	19	107912868	CN	A	2018-04-17	Cui		☒
	20	108024625	CN	B	2021-08-03	Swartz et al.		☒
	21	109008216	CN	A	2018-12-18	Kang		☒
	22	110840072	CN	A	2020-02-28	JIAXING BAOGONG INTELLIGENT TECH CO LTD		☒
	23	201657970	CN	U	2010-12-01	黄议绪		☒
	24	202681005	CN	U	2013-01-23	钟兴华		☒
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	27	203333240	CN	U	2013-12-11	魏录顺		☒

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	28	203934825	CN	U	2014-11-12	张俏卿		☒
	29	204541230	CN	U	2015-08-12	黄发水		☒
	30	204949970	CN	U	2016-01-13	项乐宏 et al.		☒
	31	207186305	CN	U	2018-04-06	任家中		☒
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	33	2851555	DE	A1	1980-06-04	Adler et al.		☒
	34	4424564	DE	A1	1996-01-18	Kluegl et al.		☒
	35	8606822	DE	U1	1991-08-14	PRINZESS-MOEBEL GUSTAV WERITZ		☒
	36	9302967	DE	U1	1993-04-22	JANZEN		☒
	37	19526596	DE	A1	2004-12-16	Clamor et al.		☒
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	39	69111809	DE	T2	1996-04-18	Lindahl		☒
	40	102013008020	DE	A1	2014-11-13	Baudermann		☒
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	42	0342779	EP	B1	1993-05-12	Brodersen et al.		☐
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	46	2745733	EP	A1	2014-06-25	Barea		☒
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	48	2252835	FR	A1	1975-06-27	BENMOURA PIERRE		☒
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	50	2894794	FR	A1	2007-06-22	Hoh		☒

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	1	"Easylift Gas Springs: Technical Information," Web page, August 24, 2008, retrieved from Internet Archive Wayback Machine on August 29, 2022.	☐
	2	Adjustable Desk: VARIDESK, http://www.varidesk.com, United States of America, 03/30/2013	☐
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	5	LOHR, STEVE, Taking a Stand for Office Ergonomics, December 1, 2012, New York Times, United States, retrieved from http://www.nytimes.com/2012/12/02/business/stand-up-desks-gaining-favor-in-the-workplace.html on August 29, 2022.	☐

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Examiner Signature	/JANET M WILKENS/	Date Considered	11/12/2024

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CERTIFICATION STATEMENT

Please see 37 CFR 1.97(e) 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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☐ 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.

☒ A certification statement is not submitted herewith.

FEE

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

COPIES

☐ An identification of an earlier application pursuant to 37 CFR 1.98 (d) (1) is attached.

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	/Daniel T. Lund/	Date (YYYY-MM-DD)	2024-09-26
Name/Print	Daniel T. Lund	Registration Number	58614

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 NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/898,549	09/26/2024	Nathan Mark Poniatowski	1001-001US29	1241

155431 7590 11/18/2024

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WILKENS, JANET MARIE	

ART UNIT	PAPER NUMBER
3637	

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	Examiner JANET M WILKENS	Art Unit 3637	AIA (FITF) Status Yes

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Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____.

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

2a)☐ This action is **FINAL.** 2b) ☑ This action is non-final.

3)☐ 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.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☑ Claim(s) 1-25 is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6) ☐ Claim(s) _____ is/are allowed.

7) ☑ Claim(s) 1-25 is/are rejected.

8) ☐ Claim(s) _____ is/are objected to.

9) ☐ Claim(s) _____ are subject to restriction and/or election requirement

* If any claims have been determined allowable, 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.**

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ 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)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

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

2) ☑ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date 9/26/2024.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date _____.

4) ☐ Other: _____.

Notice of Pre-AIA or AIA Status

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

Claim Rejections - 35 USC § 112

The following is a quotation of the first paragraph of 35 U.S.C. 112(a):

> (a) IN GENERAL.—The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor or joint inventor of carrying out the invention.

The following is a quotation of the first paragraph of pre-AIA 35 U.S.C. 112:

> The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 1-25 are rejected under 35 U.S.C. 112(a) or 35 U.S.C. 112 (pre-AIA), first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor or a joint inventor, or for applications subject to pre-AIA 35 U.S.C. 112, the inventor(s), at the time the application was filed, had possession of the claimed invention. Claiming that the spring, the base pivot arm, and the platform pivot arm overlap side-by-side along a plane parallel to a work surface of the work surface platform when the desktop workspace is in a fully lowered position is confusing. None of the embodiments show this “overlapping” feature and this embodiment has not been discussed in the specification, as originally

filed. In fact, in paragraph 0047, the opposite arrangement of "non-overlapping" parts is discussed.

Double Patenting

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

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on nonstatutory double patenting provided the reference application or patent either is shown to be commonly owned with the examined application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement. See MPEP § 717.02 for applications subject to examination under the first inventor to file provisions of the AIA as explained in MPEP § 2159. See MPEP § 2146 *et seq.* for

applications not subject to examination under the first inventor to file provisions of the AIA. A terminal disclaimer must be signed in compliance with 37 CFR 1.321(b).

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

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

Claims 1-25 are rejected on the ground of nonstatutory double patenting as being unpatentable over claims 1-37; 1-15; 1-23; 1-19; 1-24; 1-21; 1-20; 1-30; 1-29; 1-35; 1-33; 1-36; 1-25; 1-29; 1-22; 1-17; and 1-35 of U.S. Patent Nos. 10,575,630; 11,134,774; 11,134,773; 11,160,367; 11,388,989; 11,464,325; 11,470,959; 11,800,927; 11,849,843; 11,864,654; 11,910,926; 11,925,264; 11,944,196; 11,950,699; 11,980,289; 12,082,695;

and 12,102,229. Although the claims at issue are not identical, they are not patentably distinct from each other because each teach a workspace comprising: a platform; a retractable keyboard; a base; two sets of scissoring arms pivotally and slidably attached between the platform and base, a crossbeam/element, and a gas spring(s)/spring(s) attached to the arms or the element which includes a locking device. Wherein the spring, the base pivot arm, and the platform pivot arm "overlap" side-by-side along a plane parallel to a work surface of the work surface platform when the desktop workspace is in a fully lowered position.

Since claims 1-25 are anticipated by the claims of the patent, they are not patentably distinct therefrom. Thus, the invention of claims 1-25 of the application is in effect a species of the generic invention of co-pending patent. It has been held that the generic invention is anticipated by the species, see In re Goodman 29 USPQ2d 2010 (Fed Cir. 1993) Since claims 1-25 are anticipated (fully encompassed) by the claims of the application, they are not patentably distinct there from, regardless of any additional subject matter present in co-pending claims.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (a)(1) the claimed invention was patented, described in a printed publication, or in public use, on sale, or otherwise available to the public before the effective filing date of the claimed invention.

Claims 1, 2, 4, 5, 8-10, 13, 14, 17, 19, 21, and 25 are rejected under 35 U.S.C. 102(a)(1) as being anticipated by Edmo (4,577,821). Edmo teaches a desktop workspace that adjusts vertically (Fig. 1), comprising: a work surface platform (4); a base (3) configured to sit on an existing platform; a height adjustment mechanism connecting the work surface platform and the base, the height adjustment mechanism including: a set of pivot arms including a base pivot arm (2) pivotably connected to the base and a platform pivot arm (1) pivotably connected to the work surface platform, the base pivot arm pivotably connected to the platform pivot arm (at 6) to provide a scissoring motion when raising and lowering the work surface platform to various heights; a first sliding mechanism (10) on an end of the platform pivot arm between the end of the platform pivot arm and the base; and a second sliding mechanism (9) on an end of the base pivot arm between the end of the base pivot arm and the work surface platform; and a spring (12,12'; hydraulic springs) attached to the height adjustment mechanism to provide a force to assist in elevation of the work surface platform, wherein the spring, the base pivot arm, and the platform pivot arm "overlap" side-by-side along a plane parallel to a work surface of the work surface platform when the desktop workspace is in a fully lowered position (Fig. 2, as best understood). Wherein the base pivot arm is a first base pivot arm, the height adjustment mechanism further comprising: a second base pivot arm (2'); and an element (11) that connects the first base pivot arm to the second base pivot arm, wherein the spring is attached to the element. Wherein the element includes a cross beam. Wherein the platform pivot arm is a first platform pivot arm, the height adjustment mechanism further comprising: a second platform pivot arm (1'); and an element (15) that connects the first platform pivot

arm to the second platform pivot arm, wherein the spring is attached to the element. Wherein the spring extends between a base pivot fixed relative the base and the height adjustment mechanism. Wherein the work surface platform forms an upper work surface, and wherein the spring is completely covered by a profile of the work surface platform when viewed from above the upper work surface relative to the base, the profile of the work surface platform being defined by an outer perimeter of the upper work surface. Wherein the spring is a first spring, the desktop workspace comprising a pair of springs (12,12') attached to the height adjustment mechanism to assist in the elevation of the work surface platform, the pair of springs including the first spring and a second spring. Wherein the scissoring motion when raising and lowering the work surface platform to various heights of the height adjustment mechanism moves the work surface platform in a straight vertical direction relative to the base. Further comprising a locking device (13) that holds the work surface platform at various intermediate heights above the base. Wherein the locking device is configured to hold the work surface platform at any point a user chooses. Wherein the spring provides the force to assist in elevation of the work surface platform through linear extension and compression of the spring. Wherein the scissoring motion when raising and lowering the work surface platform to various heights of the height adjustment mechanism moves the work surface platform parallel to the existing platform. Wherein the spring, the base pivot arm, the platform pivot arm, the first sliding mechanism, and the second sliding mechanism "overlap" side-by-side along the plane parallel to the work surface of the work surface platform when the desktop workspace is in the fully lowered position.

Claims 1-6, 9, 10, 13, 14, 17, 19, 21, 22 and 25 are rejected under 35 U.S.C. 102(a)(1) as being anticipated by Clarke (3,282,566). Clark teaches a desktop workspace that adjusts vertically (Fig. 2), comprising: a work surface platform (10); a base (12) configured to sit on an existing platform; a height adjustment mechanism connecting the work surface platform and the base, the height adjustment mechanism including: a set of pivot arms including a base pivot arm (16) pivotably connected to the base and a platform pivot arm (14) pivotably connected to the work surface platform, the base pivot arm pivotably connected to the platform pivot arm (at 18) to provide a scissoring motion when raising and lowering the work surface platform to various heights; a first sliding mechanism (24) on an end of the platform pivot arm between the end of the platform pivot arm and the base; and a second sliding mechanism (30) on an end of the base pivot arm between the end of the base pivot arm and the work surface platform; and a spring (50) attached to the height adjustment mechanism to provide a force to assist in elevation of the work surface platform, wherein the spring, the base pivot arm, and the platform pivot arm "overlap" side-by-side along a plane parallel to a work surface of the work surface platform when the desktop workspace is in a fully lowered position (Fig. 4, as best understood). Wherein the base pivot arm is a first base pivot arm, the height adjustment mechanism further comprising: a second base pivot arm (16); and an element (54) that connects the first base pivot arm to the second base pivot arm, wherein the spring is attached to the element. Wherein the element includes a cross beam. Wherein the platform pivot arm is a first platform pivot arm, the height adjustment mechanism further comprising: a second platform pivot arm (14); and an element (40,44) that connects the first platform pivot arm to the second platform pivot

arm, wherein the spring is attached to the element. Wherein the work surface platform forms an upper work surface, and wherein the spring is completely covered by a profile of the work surface platform when viewed from above the upper work surface relative to the base, the profile of the work surface platform being defined by an outer perimeter of the upper work surface. Wherein the spring is a first spring, the desktop workspace comprising a pair of springs (50) attached to the height adjustment mechanism to assist in the elevation of the work surface platform, the pair of springs including the first spring and a second spring. Wherein the scissoring motion when raising and lowering the work surface platform to various heights of the height adjustment mechanism moves the work surface platform in a straight vertical direction relative to the base. Further comprising a locking device (at 61 pressure valve connection) that holds the work surface platform at various intermediate heights above the base. Wherein the locking device is configured to hold the work surface platform at any point a user chooses. Wherein the spring provides the force to assist in elevation of the work surface platform through linear extension and compression of the spring. Wherein the scissoring motion when raising and lowering the work surface platform to various heights of the height adjustment mechanism moves the work surface platform parallel to the existing platform. Wherein the scissoring motion when raising and lowering the work surface platform to various heights of the height adjustment mechanism moves the work surface platform without moving back and forth or left to right. Wherein the spring, the base pivot arm, the platform pivot arm, the first sliding mechanism, and the second sliding mechanism “overlap” side-by-side along the plane parallel to the work surface of the work surface platform when the desktop workspace is in the fully lowered position.

Wherein the element is attached on the same side of the base pivot arm as the second sliding mechanism relative to the pivot connection between the base pivot arm and the platform pivot arm. Wherein the element is attached on the same side of the first platform pivot arm as the second sliding mechanism relative to the pivot connection between the base pivot arm and the platform pivot arm.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103 which forms the basis for all obviousness rejections set forth in this Office action:

> A patent for a claimed invention may not be obtained, notwithstanding that the claimed invention is not identically disclosed as set forth in section 102, if the differences between the claimed invention and the prior art are such that the claimed invention as a whole would have been obvious before the effective filing date of the claimed invention to a person having ordinary skill in the art to which the claimed invention pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 23 is rejected under 35 U.S.C. 103 as being unpatentable over Edmo (4,577,821) in view of Kollar (7,188,813). As stated above, Edmo teaches the limitations of claim 1, including a work surface platform. For claim 23, Edmo fails to teach a keyboard movably mounted under the work surface platform. Kollar teaches a keyboard tray mechanism (P) configured to hold the keyboard platform in the position that protrudes out, down, and parallel to the work surface platform (Fig. 2) and to allow the keyboard platform to be stored under the work surface platform (Fig. 3). It would have been obvious to one having ordinary skill in the art before the effective filing date of the claimed invention to modify the workspace of Edmo by adding a keyboard to the lower portion of the work surface platform, such as is taught by Kollar, to provide a place for a keyboard or other objects with the worksurface.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JANET M WILKENS whose telephone number is 571-272-6869. The examiner can normally be reached Mon thru Thurs 7am-5:30pm EST.

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, Daniel Troy can be reached on 571-270-3742. 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.

Wilkens
November 12, 2024

/JANET M WILKENS/
Primary Examiner, Art Unit 3637

United States Patent and Trademark Office

Office of the Commissioner for Patents

Dear Applicant,

You recently received an Office action from your examiner. Review of your patent application is under way! You can continue to advertise or mark any products covered by your application for your invention as "Patent Pending" for as long as this application is pending. This letter provides information about how to continue through the patent application process and the help available to you on your journey.

Where are you in the patent application process? Your patent application is now in step 3, Application Prosecution (www.uspto.gov/UtilityPatentGuide.) Though the Office action includes a "rejection," that does not mean that you don't have a good idea you can patent. It means your examiner believes your application is not yet ready for allowance.

Ready to respond? Responding to the Office action is your opportunity to address the issues raised by your examiner. Responses must be timely, complete, and in writing. In your response, you may want to consider amending your application (www.uspto.gov/patents/maintain/responding-office-actions).

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Have questions about the Office action? Contact your examiner! A conversation with your examiner (called an "interview") may help clarify and resolve any issues and possibly identify what you can patent. While an interview does not stop the clock for your official response or substitute for a response, there is no fee for an interview. To schedule a call or video, you can:

1. use the USPTO's Automated Interview Request (AIR) form (www.uspto.gov/patents/uspto-automated-interview-request-air-form);
2. file the Applicant Initiated Interview Request form (PTOL-413A) (www.uspto.gov/sites/default/files/documents/PTOL413A.pdf); or
3. contact your examiner directly via telephone (contact information is provided at the end of your Office action).

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Best,

Vaishali Udupa
Commissioner for Patents
United States Patent and Trademark Office

(19) 대한민국특허청(KR)
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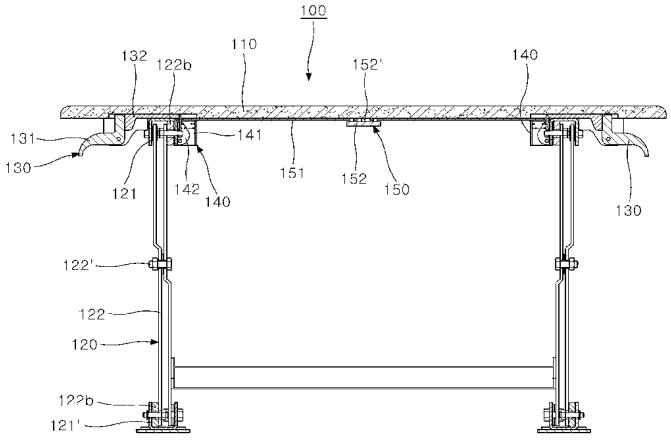
전체 청구항 수 : 총 8 항 심사관 : 이성희

(54) 발명의 명칭 **높이조절이 가능한 테이블**

(57) 요 약

본 발명은 작동부의 작동으로 높이조절부재를 회전시켜 높이조절부의 걸림설정을 해제시키고 상판을 수직으로 승강시켜 원하는 높이에 위치하게 되면 작동부의 작동을 해제시키면서 상판의 높이를 단계적으로 조절하도록 함으로써 공간활용성을 극대화시킴과 아울러 내부구조를 간소화하여 제조비용을 절감할 뿐만 아니라 사용상 편의성을 향상시켜 편리하게 사용할 수 있는 높이조절이 가능한 테이블에 관한 것이다.

대 표 도 - 도1



(52) CPC특허분류
A47B 21/02 (2013.01)

명 세 서

청구범위

청구항 1

상판과;

상기 상판의 하부에 결합되어 작동부의 작동시 걸림돌기가 높이조절부재의 조절공에 결합되면서 승강부재가 승강하는 다리부와;

상기 상판의 하부에 고정된 고정편에 축핀을 중심으로 회전가능하게 결합되는 작동레버가 구비되고 상기 작동레버의 작동으로 높이조절부를 가압하는 가압부재가 구비되어 상기 작동레버의 작동시 가압부재가 높이조절부재를 가압 및 가압을 해제하면서 높이조절부재의 조절공이 다리부의 걸림돌기로부터 이탈 및 걸림설정되게 하는 작동부와;

상기 다리부의 상부브래킷 내측에 각각 결합되어 작동부의 작동시 높이조절부재가 축을 중심으로 회전하면서 다수의 조절공이 걸림돌기로부터 이탈 및 걸림설정되어 다리부의 높이를 단계적으로 조절하도록 하는 높이 조절부를 포함하여 구성되는 것을 특징으로 하는 높이조절이 가능한 테이블.

청구항 2

청구항 1에 있어서, 다리부는,

상기 상판의 하부에 고정되어 승강부재가 결합되도록 안내장공이 형성되는 상,하부브래킷과;

상기 상,하부브래킷에 시저스타입으로 고정되며 일측 단부는 회전안내축에 의해 고정되며 타측 단부는 걸림돌기가 돌출되도록 안내로울러가 결합되어 안내장공을 따라 안내되도록 하는 승강부재와;

상기 승강부재와 승강부재 사이에 장착되어 승강부재가 급격하게 하강하지 않도록 하는 탄성부재를 포함하여 구비되는 것을 특징으로 하는 높이조절이 가능한 테이블.

청구항 3

청구항 2에 있어서,

상기 탄성부재는 직경이 서로 다른 2개의 스프링으로 형성되는 것을 특징으로 하는 높이조절이 가능한 테이블.

청구항 4

청구항 2에 있어서,

상기 승강부재의 회전안내축에 결합되어 승강부재가 탄력있게 승강하도록 하는 보조스프링을 더 포함하여 구비되는 것을 특징으로 하는 높이조절이 가능한 테이블.

청구항 5

청구항 1에 있어서, 높이 조절부는,

상기 다리부의 상부브래킷 내측에 고정되는 고정부재와;

상기 고정부재에 결합되어 작동부의 작동시 축을 중심으로 회전하면서 다리부의 높이를 조절하는 높이조절부재와;

상기 높이조절부재와 고정부재 사이에 장착되어 높이조절부재를 복원시키는 복원부재를 포함하여 구비되는 것을 특징으로 하는 높이조절이 가능한 테이블.

청구항 6

청구항 5에 있어서, 높이조절부재는,

상기 작동부의 작동으로 회전하는 높이조절몸체와;

상기 높이조절몸체의 상부에 형성되는 가압돌기와;

상기 높이조절몸체의 하부에 형성되어 다리부의 걸림돌기에 걸림 및 이탈되도록 하는 다수 개의 조절공을 포함하여 구비되는 것을 특징으로 하는 높이조절이 가능한 테이블.

청구항 7

청구항 1에 있어서,

상기 높이조절부와 높이조절부 사이에 결합되어 가압부재의 가압에 의해 연동되면서 상기 높이조절부가 동시에 작동하도록 하는 연동부를 더 포함하여 구비되는 것을 특징으로 하는 높이조절이 가능한 테이블.

청구항 8

청구항 7에 있어서, 연동부는,

상기 높이조절부에 형성된 가압돌기에 결합홈이 각각 결합되어 연동안내구의 양측에 연결되며 작동부의 작동시 연동안내구를 중심으로 회전하면서 연동하는 연동부재와;

상기 연동부재가 연동되도록 중심축을 중심으로 회전하는 연동안내구를 포함하여 구비되는 것을 특징으로 하는 높이조절이 가능한 테이블.

발명의 설명

기 술 분 야

[0001] 본 발명은 높이조절이 가능한 테이블에 관한 것으로, 보다 상세하게는 작동부의 작동으로 높이조절부재를 회전시켜 높이조절부의 걸림설정을 해제시키고 상판을 수직으로 승강시켜 원하는 높이에 위치하게 되면 작동부의 작동을 해제시키면서 상판의 높이를 단계적으로 조절하도록 함으로써 공간활용성을 극대화함과 동시에 내부구조를 간소화하여 제조비용을 절감할 뿐만 아니라 사용자의 편의성을 증대시키는 높이조절이 가능한 테이블에 관한 것이다.

배 경 기 술

[0002] 일반적으로 테이블(table)은 사용 용도에 맞춰서 다양한 크기와 형태로 제작된다. 이와 같은 테이블은 유아용 테이블인 경우는 그 크기가 작고 가벼우며, 가정용이나 사무용 테이블은 사용상의 편의성이 요구되므로 그 크기가 크고 무겁다.

[0003] 상기와 같은 테이블은 상판과 다수개의 받침다리들로 구성되며, 테이블 사용시에는 받침다리들을 펼쳐서 사용하고, 테이블의 미사용시에는 받침다리들을 접어서 보관하게 된다.

[0004] 그러나, 상기 테이블은 상판으로부터 받침다리를 펼치게 되면 테이블이 일정 높이로 고정되어 편리하게 사용할 수 있지만 상판의 높이 조절이 불가능하여 실용성이 떨어지는 문제점이 있었다.

[0005] 이러한 문제점을 해결하기 위해서 상판을 접이식으로 형성하여 간편하게 사용할 수 있는 테이블도 시판되고 있으며, 이러한 접이식 테이블은 상판을 상승시키게 되면, 상기 상판은 접어진 상태에서 사용자 측의 대각방향으

로 포물선을 그리면서 상승하게 되므로 그 해당하는 만큼의 테이블 설치공간을 더 필요로 하게 되어 공간효율성이 떨어지는 문제점이 있었다.

[0006] 최근에는 이러한 문제점을 해결하기 위해서 대한민국 등록특허공보 제10-0330661호로 테이블의 높이 조절장치가 등록된 바 있다.

[0007] 상기 선 등록 발명은 테이블의 상판 양측에 제1안내장공이 형성되고, 받침대의 내부에 안착되는 지지판 측면에 제2안내장공이 형성되며 상기 제1,2안내장공에 신축링크가 이동가능하게 결합되고 상기 신축링크를 신축시키기 위해 하측이동핀을 연결하는 이동체가 연결되며 상기 이동체를 제2안내장공 범위내에서 전진, 후진시키는 나사축이 형성되고 상기 나사축을 회전시키기 위한 회전수단이 구성됨으로써, 기존의 책상과는 달리 테이블의 높이 조절이 가능하도록 하여 편리하고 유용하게 사용할 수 있는 것이다.

[0008] 그러나, 선등록 발명은 테이블의 높이를 조절하기 위해서 감속모터 또는 손잡이를 회전시키게 되면 나사축이 회전하면서 신축링크를 신축시켜 상판을 승강시키게 되므로 내부구조가 복잡하여 조립이 어렵고 제조원가가 상승할 뿐만 아니라 잦은 고장을 일으키는 원인이 되는 문제점이 있었다.

발명의 내용

해결하려는 과제

[0009] 이에 상술한 바와 같은 종래의 제반 문제점을 감안하여 이루어진 것으로, 그 목적은 작동부의 작동으로 높이조절부재를 회전시켜 높이조절부의 걸림설정을 해제시키고 상판을 수직으로 승강시켜 원하는 높이에 위치하게 되면 작동부의 작동을 해제시키면서 상판의 높이를 단계적으로 조절하도록 함으로써 공간활용성을 극대화시킴과 아울러 내부구조를 간소화하여 제조비용을 절감할 뿐만 아니라 사용자의 편의성을 증대시키는 높이조절이 가능한 테이블을 제공함에 있다.

과제의 해결 수단

[0010] 본 발명 높이조절이 가능한 테이블은, 상판과;

[0011] 상기 상판의 하부에 결합되어 작동부의 작동시 걸림돌기가 높이조절부재의 조절공에 결합되면서 승강부재가 승강하는 다리부와;

[0012] 상기 상판의 하부에 고정된 고정편에 축핀을 중심으로 회전가능하게 결합되는 작동레버가 구비되고 상기 작동레버의 작동으로 높이조절부를 가압하는 가압부재가 구비되어 상기 작동레버의 작동시 가압부재가 높이조절부재를 가압 및 가압을 해제하면서 높이조절부재의 조절공이 다리부의 걸림돌기로부터 이탈 및 걸림설정되게 하는 작동부와;

[0013] 상기 다리부의 상부브래킷 내측에 각각 결합되어 작동부의 작동시 높이조절부재가 축을 중심으로 회전하면서 다수의 조절공이 걸림돌기로부터 이탈 및 걸림설정되어 다리부의 높이를 단계적으로 조절하도록 하는 높이 조절부를 포함하여 구성되는 것을 특징으로 하는 것이다.

발명의 효과

[0014] 본 발명은 작동부의 작동으로 높이조절부재를 회전시켜 높이조절부의 걸림설정을 해제시키고 상판을 수직으로 승강시켜 원하는 높이에 위치하게 되면 작동부의 작동을 해제시키면서 상판의 높이를 단계적으로 조절하도록 함으로써 공간활용성을 극대화시킴과 아울러 내부구조를 간소화하여 제조비용을 절감할 뿐만 아니라 사용자의 편의성을 증대시키는 이점이 있는 것이다.

도면의 간단한 설명

[0015] 도 1은 본 발명의 정단면도

도 2는 본 발명의 측단면도

도 3 내지 도 7은 본 발명의 작동상태도

도 8 내지 도 9는 본 발명이 테이블의 수납공간에 수납되어 사용되는 상태도

발명을 실시하기 위한 구체적인 내용

[0016] 이하, 첨부된 도면에 의거하여 본 발명의 일 실시예를 상세히 설명한다.

[0017] 본 발명 높이조절이 가능한 테이블(100)은, 상판(110)이 구성되고, 상기 상판(110)의 하부에 결합되어 작동부(130)의 작동시 걸림돌기(122b')가 높이조절부재(142)의 조절공(142c)에 결합되면서 승강부재(122)가 승강하는 다리부(120)가 구성되며, 상기 상판(110)의 하부에 고정된 고정편(131a)에 축핀(131b)을 중심으로 회전가능하게 결합되는 작동레버(131)가 구비되고 상기 작동레버(131)의 작동으로 높이조절부(140)를 가압하는 가압부재(132)가 구비되어 상기 작동레버(131)의 작동시 가압부재(132)가 높이조절부재(142)를 가압 및 가압을 해제하면서 높이조절부재(142)의 조절공(142c)이 다리부(120)의 걸림돌기(122b')로부터 이탈 및 걸림설정되게 하는 작동부(130)가 구성되고, 상기 다리부(120)의 상부브래킷(121) 내측에 각각 결합되어 작동부(130)의 작동시 높이조절부재(142)가 축(142a')을 중심으로 회전하면서 다수의 조절공(142c)이 걸림돌기(122b')로부터 이탈 및 걸림설정되어 다리부(120)의 높이를 단계적으로 조절하도록 하는 높이 조절부(140)를 포함하여 구성되는 것으로, 이를 좀 더 구체적으로 설명하면 다음과 같다.

[0018] 상기 다리부(120)는, 상기 상판(110)의 하부에 고정되어 승강부재(122)가 결합되도록 안내장공(121a)이 형성되는 상,하부브래킷(121)(121')이 구비되고, 상기 상,하부브래킷(121)(121')에 시저스타입으로 고정되며 일측 단부는 회전안내축(122a)에 의해 고정되며 타측 단부는 걸림돌기(122b')가 돌출되도록 안내로울러(122b)가 결합되어 안내장공(121a)을 따라 안내되도록 하는 승강부재(122)가 구비되며, 상기 승강부재(122)와 승강부재(122) 사이에 장착되어 승강부재(122)가 급격하게 하강하지 않도록 하는 탄성부재(123)를 포함하여 구비된다.

[0019] 상기 탄성부재(123)는 직경이 서로 다른 2개의 스프링으로 형성된다.

[0020] 상기 승강부재(122)의 회전안내축(122a)에 결합되어 승강부재(122)가 탄력있게 승강하도록 하는 보조스프링(124)을 더 포함하여 구비된다.

[0021] 상기 높이 조절부(140)는, 상기 다리부(120)의 상부브래킷(121) 내측에 고정되는 고정부재(141)가 구비되고, 상기 고정부재(141)에 결합되어 작동부(130)의 작동시 축(142a')을 중심으로 회전하면서 다리부(120)의 높이를 조절하는 높이조절부재(142)가 구비되며, 상기 높이조절부재(142)와 고정부재(141) 사이에 장착되어 높이조절부재(142)를 복원시키는 복원부재(143)를 포함하여 구비된다.

[0022] 상기 높이조절부재(142)는, 상기 작동부(130)의 작동으로 축(142a')을 중심으로 회전하는 높이조절몸체(142a)가 구비되고, 상기 높이조절몸체(142a)의 상부에 형성되는 가압돌기(142b)가 구비되며, 상기 높이조절몸체(142a)의 하부에 형성되어 다리부(120)의 걸림돌기(122b')에 걸림 및 이탈되도록 하는 다수 개의 조절공(142c)을 포함하여 구비된다.

[0023] 상기 높이조절부(140)와 높이조절부(140) 사이에 결합되어 가압부재(132)의 가압에 의해 연동되면서 상기 높이조절부(140)가 동시에 작동하도록 하는 연동부(150)를 더 포함하여 구비된다.

[0024] 상기 연동부(150)는, 상기 높이조절부(140)에 형성된 가압돌기(142b)에 결합홈(151')이 각각 결합되어 연동안내구(152)의 양측에 연결되며 작동부(130)의 작동시 연동안내구(152)를 중심으로 회전하면서 연동하는 연동부재(151)가 구비되고, 상기 연동부재(151)가 연동되도록 중심축(152')을 중심으로 회전하는 연동안내구(152)를 포함하여 구비된다.

[0025] 다음은 상기와 같이 구성된 본 발명 일실시예의 조립과정을 상세하게 설명한다.

[0026] 먼저, 도 1 내지 도 2에 도시된 바와 같이, 편평하게 형성되어 목재로 이루어진 상판(110)을 뒤집어 상판(110)의 하부면이 상부를 향하도록 한다.

[0027] 상기 상판(110)의 양측에 일정간격 이격되게 상부브래킷(121)을 고정시킨 후, 상기 상부브래킷(121)의 외측에

인접되도록 고정편(131a)을 고정시킨 상태에서 상기 고정편(131a)에 작동레버(131)를 축핀(131b)으로 결합시켜 회전 가능하도록 한다.

[0028] 상기 작동레버(131)의 내측면에는 높이조절부재(142)를 가압하는 가압부재(132)가 밀착되도록 설치된다.

[0029] 또한, 상기 상부브래킷(121)의 내측에 높이조절부(140)의 고정부재(141)가 고정되고, 상기 고정부재(141)의 내측에 조절공(142c)이 형성된 높이조절부재(142)를 위치시킨 후, 고정부재(141)의 외측에서 높이조절부재(142) 측으로 축(142a')을 결합하여 상기 높이조절부재(142)가 회전가능하도록 한다.

[0030] 이때, 상기 높이조절부재(142)의 가압돌기(142b)에 작동부(130)의 가압부재(132)가 밀착되도록 하여 가압부재(132)의 가압시 높이조절부재(142)의 회전작동이 가능하도록 한다.

[0031] 상기 높이조절부재(142)와 고정부재(141)의 사이에 복원부재(143)를 장착시키되, 상기 복원부재(143)의 일단은 높이조절부재(142)의 일측면에 고정시키고 상기 복원부재(143)의 타측단은 고정부재(141)의 내측면에 고정되도록 한다.

[0032] 상기와 같이 높이조절부(140)의 조립이 완료되면, 상기 높이조절부(140)와 높이조절부(140)의 사이에 작동부(130)의 작동시 높이조절부(140)를 동시에 작동시키는 연동부(150)를 고정하되, 연동부(150)의 연동부재(151)에 형성된 결합홈(151')을 높이조절부재(142)의 가압돌기(142b)에 각각 결합시킨 후, 연동부재(151)의 양 단부를 연동안내구(152)의 양측에 결합시킨다.

[0033] 상기 연동안내구(152)는 높이조절부(140)와 높이조절부(140) 사이의 중심에 중심축(152')을 중심으로 회전가능하도록 고정된다.

[0034] 또한, 시저스타입으로 형성된 승강부재(122)의 일측 단부를 상,하부브래킷(121)(121')에 회전안내축(122a)으로 각각 고정하여 회전가능하게 하고, 상기 승강부재(122)의 타측 단부에는 안내로울러(122b)를 장착하여 상,하부브래킷(121)(121')의 내측면에 구름접촉되면서 안내되며, 상기 안내로울러(122b)에는 안내장공(121a) 측으로 걸림돌기(122b')가 돌출형성되어 높이조절부재(142)의 조절공(142c)에 결합된다.

[0035] 상기 상판(110)의 하부에 위치한 승강부재(122)와 승강부재(122) 사이에는 승강부재(122)가 급격하게 하강하지 않도록 함과 동시에 상승시에는 탄력있게 상승할 수 있도록 스프링으로 형성된 탄성부재(123)가 연결고정된다.

[0036] 상기 탄성부재(123)는 직경이 큰 스프링의 내측에 직경이 작은 스프링이 삽입되어 이중으로 형성되며, 이러한 탄성부재(123)는 승강부재의 승강작동을 부드럽게 하는 역할을 한다.

[0037] 또한, 상기 승강부재(122)의 회전안내축(122a)에 보조스프링(124)을 추가적으로 설치하여 승강부재(122)의 상승 및 하강작동을 원활하게 하도록 도와준다.

[0038] 다음은 상기와 같이 설치 본 발명 일실시예의 작동상태를 상세하게 설명한다.

[0039] 먼저, 도 3 내지 도 7에 도시된 바와 같이, 접혀진 상태의 테이블을 일정높이로 들어올려 펼칠 경우, 작동부(130)의 작동레버(131)를 파지하여 가압한다.

[0040] 상기 작동레버(131)가 축핀(131b)을 중심으로 회전하면 작동레버(131) 일측의 가압부재(132)가 높이조절부재(142)의 가압돌기(142b) 일측면을 가압하게 된다.

[0041] 상기 가압돌기(142b)의 가압으로 높이조절부재(142)가 축(142a')을 중심으로 회전하게 되고, 상기 가압돌기(142b)에 결합되어 있는 연동부(150)의 연동부재(151)가 연동안내구(152)를 중심으로 회전하여 높이조절부재(142)를 동시에 회전되도록 한다.

[0042] 이때, 상기 승강부재(122)의 걸림돌기(122b')에 걸림설정되어 있던 조절공(142c)이 걸림돌기(122b')로부터 이탈된다.

[0043] 상기와 같이 걸림돌기(122b')로부터 높이조절부재(142)의 조절공(142c)이 이탈되면, 사용자는 작동부(130)의 작동레버(131)를 파지한 상태에서 상판(110)을 일정 높이 수직으로 들어올리게 된다.

[0044] 상기 상판(110)을 들어올리게 되면, 승강부재(122)는 회전축(122')을 중심으로 회전하고, 안내로울러(122b)는 상,하부브래킷(121)(121')에 구름접촉되어 안내됨과 동시에 안내로울러(122b)에 형성된 걸림돌기(122b')는 안내장공(121a)을 따라 안내된다.

이때, 걸림돌기(122b')는 높이조절부재(142)의 조절공(142c)에 간섭받지 않게된다.

[0046] 사용자는 상판(110)의 높이가 원하는 높이에 이르게 되면, 작동레버(131)의 가압력을 해제하게 된다.

[0047] 상기 작동레버(131)의 가압력이 해제되면, 높이조절부재(142)와 고정부재(141) 사이에 장착된 복원부재(143)의 탄성력에 의해 높이조절부재(142)가 축(142a')을 중심으로 회전하여 복원됨과 동시에 높이조절부재(142)의 조절공(142c)이 승강부재(122)의 걸림돌기(122b')에 걸림설정되어 다리부(120)의 높이가 조절되는 것이다.

[0048] 이때, 높이조절부재(142)의 회전시 가압돌기(142b)를 가압하고 있던 가압부재(132)는 높이조절부재(142)의 복원력에 의해 작동레버(131) 측으로 이동하여 작동레버(131)를 최초상태로 회전시키게 된다.

[0049] 또한, 상기 높이조절부재(142)의 가압돌기(142b)에 결합된 연동부재(151)가 연동안내구(152)의 중심축(152')을 중심으로 회전하여 최초상태로 복원된다.

[0050] 상기와 같이 상판(110)의 높이가 조절된 상태에서, 상판(110)의 높이를 조금 더 상승시키기 위해서는, 상기에서 설명한 동일한 방법으로 작동시켜 상판(110)의 높이를 조절하면 되는 것이다.

[0051] 따라서, 상기과 같이 상판(110)을 수직으로 승강시키면서 높이를 단계적으로 조절함으로써,

[0052] 또한, 상기와 같이 구성되는 높이조절이 가능한 테이블(100)은, 도 8 내지 도 9에 도시된 바와 같이, 수납공간(A)이 형성된 테이블(100')에 수납하여 사용할 수도 있다.

[0053] 상기 높이조절이 가능한 테이블(100)의 상면과 수납공간(A)이 형성된 테이블(100')의 상면이 동일한 높이를 가지게 되므로 일반적인 책상기능을 수행할 수 있으며, 상기 높이조절이 가능한 테이블(100)의 상판(110)을 일정 높이로 들어올리고자 할 경우, 상기 작동부(130)의 작동방법과 동일한 방법으로 조작하여 상판(110)을 들어올린 후 사용하면 되는 것이다.

[0054] 이상과 같이 본 발명은, 비록 한정된 실시예와 도면에 의해 설명되었으나, 본 명세서 및 청구범위에 사용된 용어나 단어는 통상적이거나 사전적인 의미로 한정되어 해석되어서는 아니되며, 본 발명의 기술적 사상에 부합하는 의미와 개념으로 해석되어야만 한다.

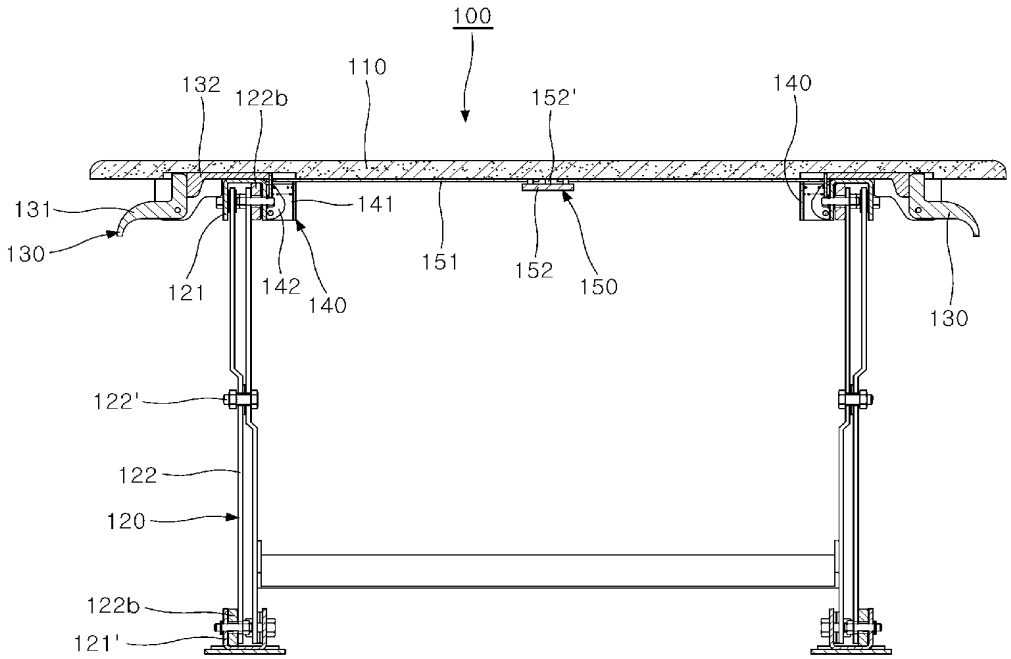
[0055] 따라서, 본 명세서에 기재된 실시예와 도면에 도시된 구성은 본 발명의 일실시예에 불과할 뿐이고, 본 발명의 기술적 사상을 모두 대변하는 것은 아니므로, 본 발명의 청구범위를 벗어나지 않는 한도 내에서 다양한 균등물과 변형예들이 있을 수 있음을 이해하여야 한다.

부호의 설명

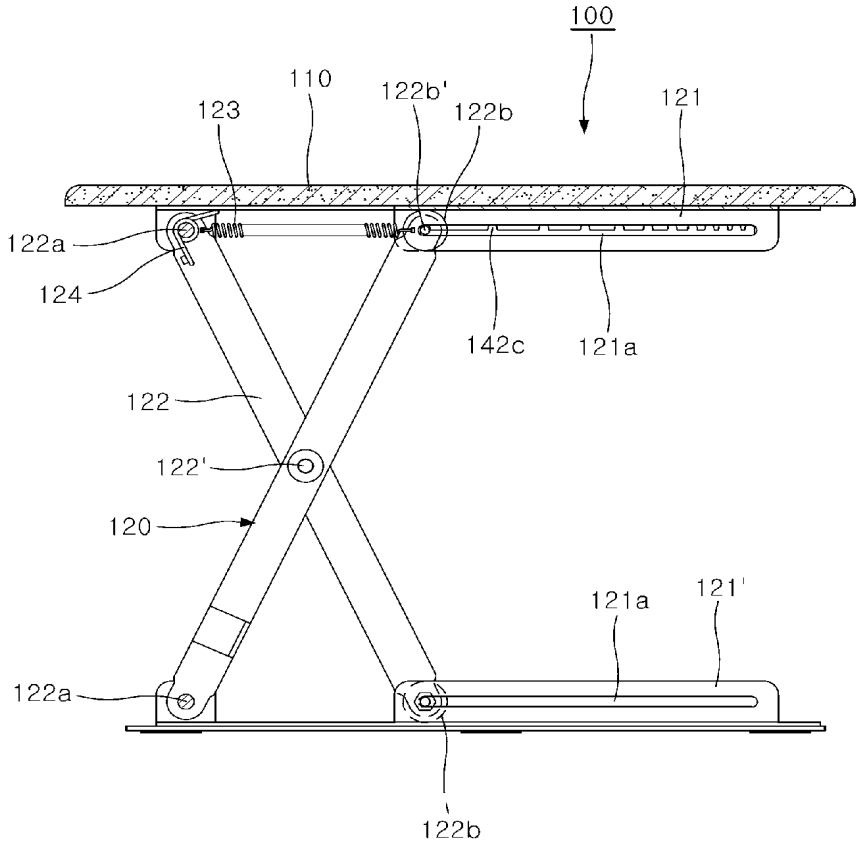
[0056] 100: 테이블	110: 상판
120: 다리부	121,121': 상,하부브래킷
121a: 안내장공	122: 승강부재
123: 탄성부재	130: 작동부
131: 작동레버	131a: 고정편
131b: 측편	132: 가압부재
140: 높이조절부	141: 고정부재
142: 높이조절부재	142a: 높이조절몸체
142b: 가압돌기	142c: 조절공
143: 복원부재	150: 연동부
151: 연동부재	152: 연동안내구

도면

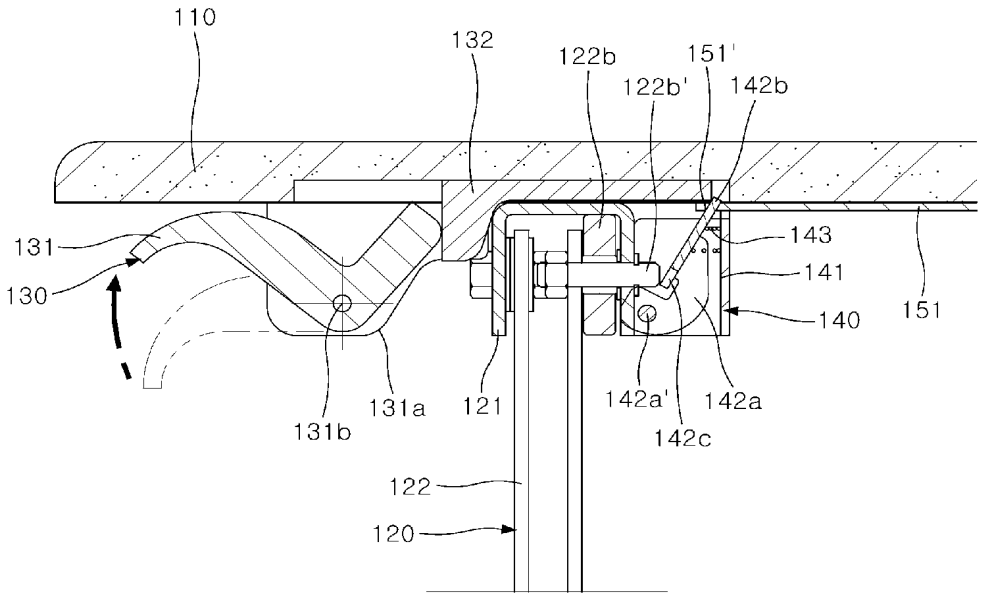
도면1


100
110
132
122b
152'
140
131
141
130
151
152
150
121
142
140
130
122'
122
120
122b
121'

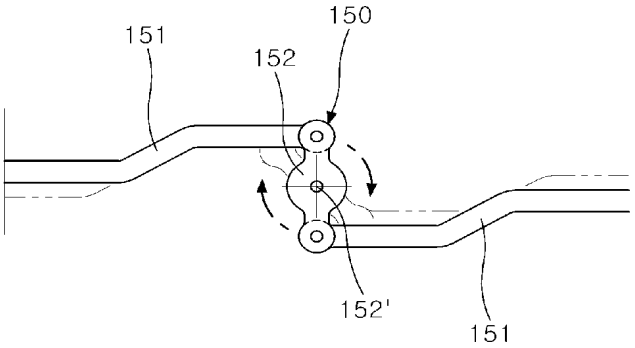
도면2


100
110
123
122b'
122b
121
122a
124
142c
121a
122
122'
120
121a
121'
122a
122b

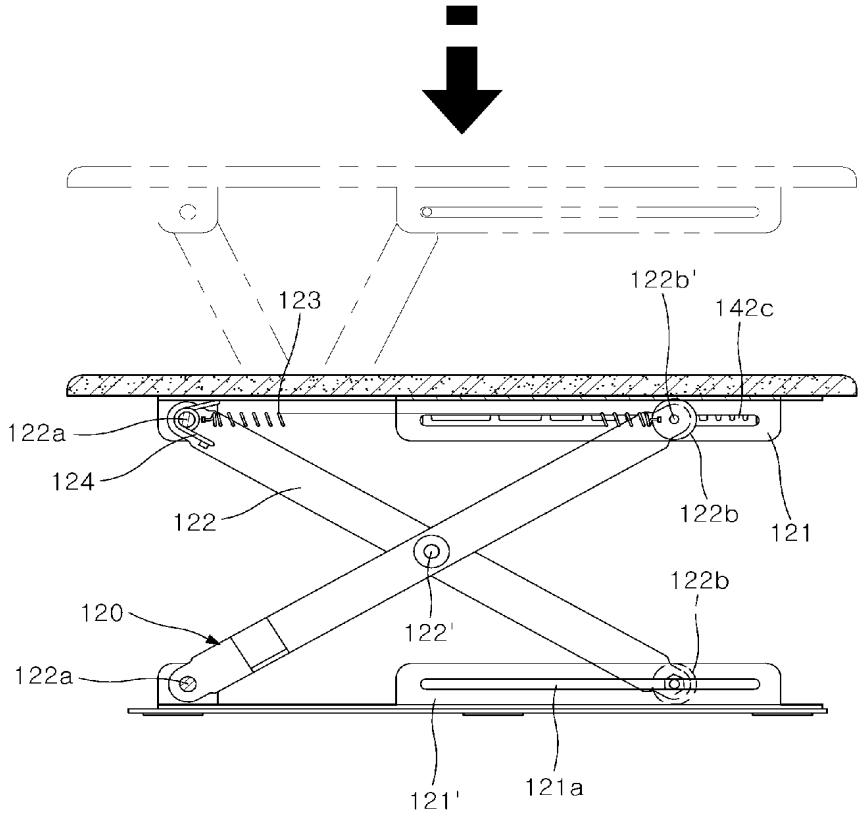
도면3


110
132
122b
151'
122b'
142b
131
130
143
141
140
151
131b
131a
121
142a'
142a
142c
122
120

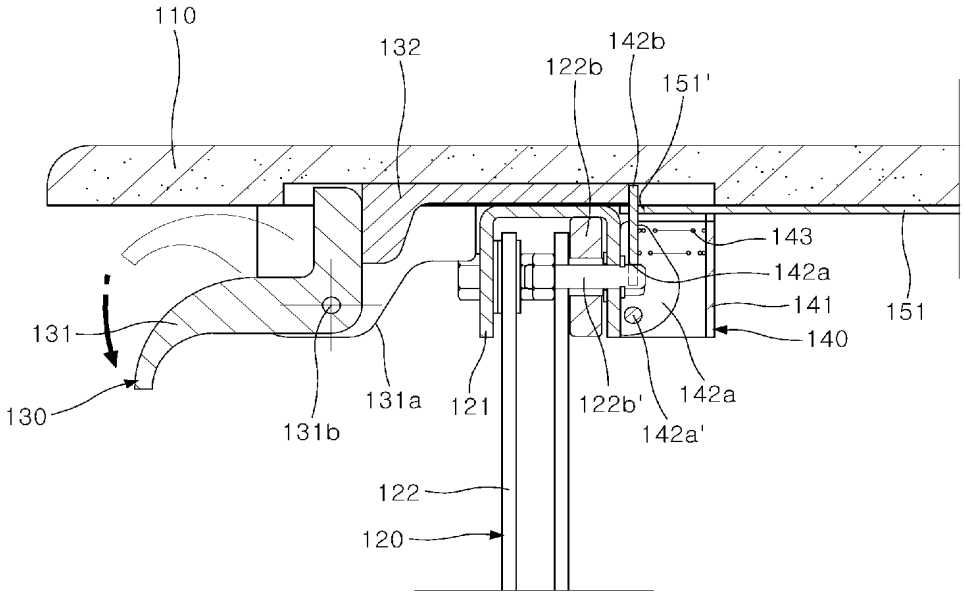
도면4


151
150
152
152'
151

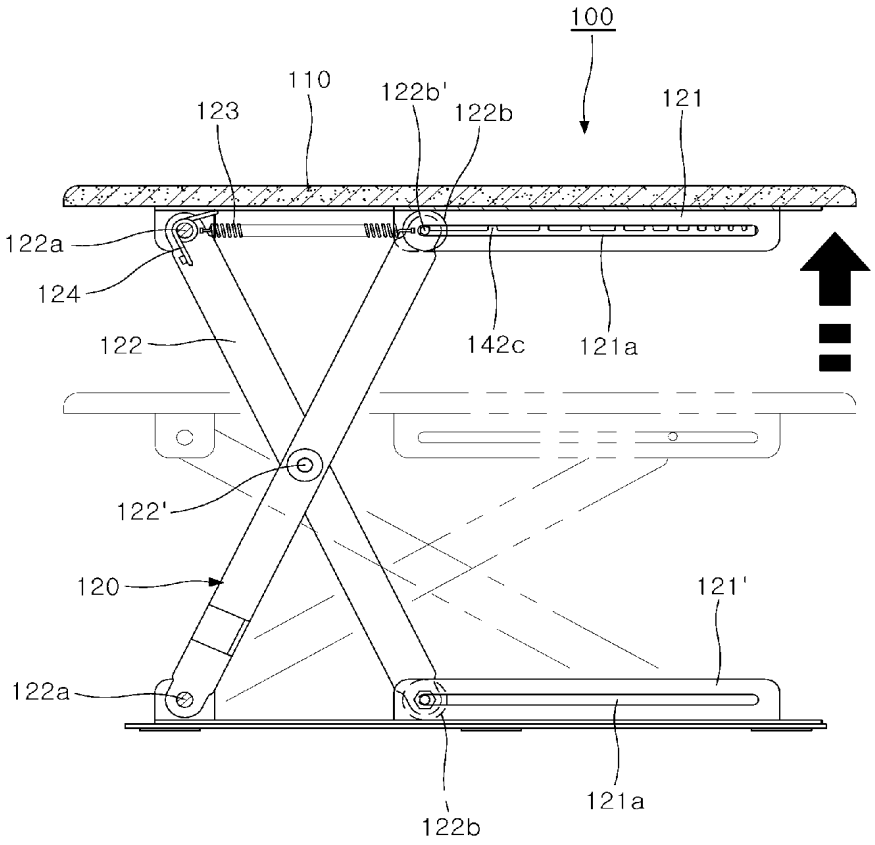
도5


123
122b'
142c
122a
124
122
122b
121
120
122'
122b
122a
121'
121a

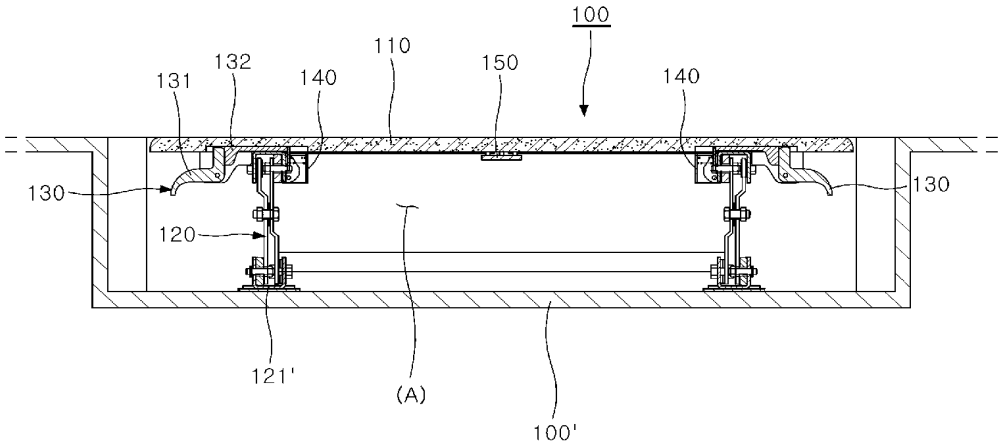
도6


110
132
142b
122b
151'
143
142a
141
151
140
131
130
131b
131a
121
122b'
142a
142a'
122
120

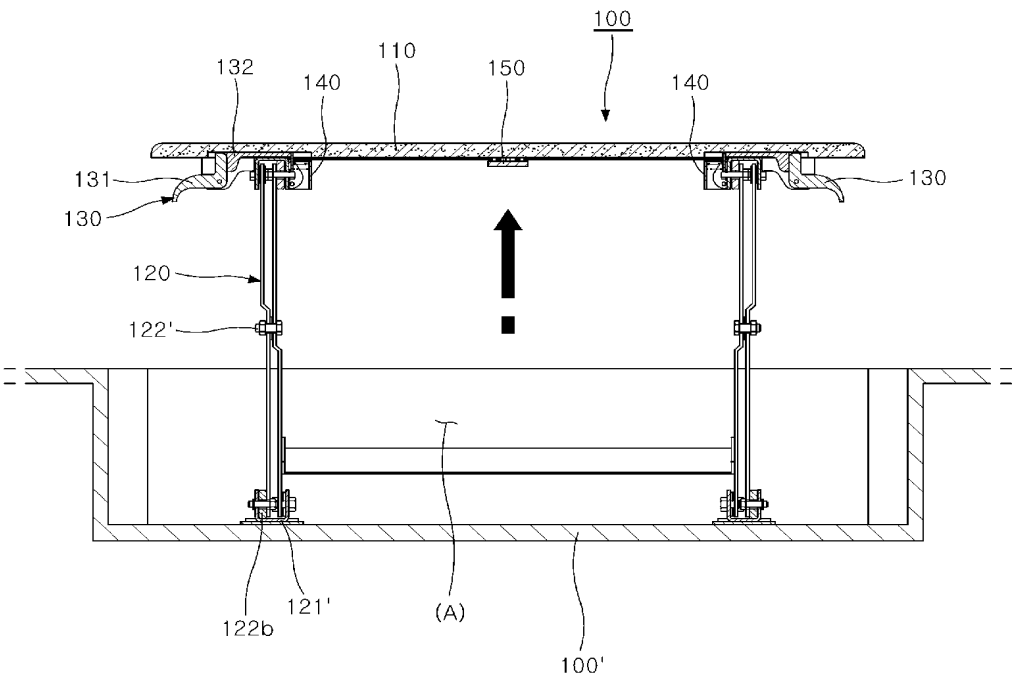
도면7


100
110
123
122b'
122b
121
122a
124
122
142c
121a
122'
120
121'
122a
121a
122b

도면8


100
110
131
132
140
150
140
130
130
120
121'
(A)
100'

도면9



PTO/SB/08a (01-22)
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Application Number	18898549
Filing Date	2024-09-26
First Named Inventor	Nathan Mark Poniatowski
Art Unit	3637
Examiner Name	Janet Marie WILKENS
Attorney Docket Number	1001-001US29

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	2	4574785	A	1986-03-11	Yamamoto	
	3	D308537	S	1990-06-12	Clark	
	4	12102229	B1	2024-10-01	Poniatowski	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	18898549
Filing Date	2024-09-26
First Named Inventor	Nathan Mark Poniatowski
Art Unit	3637
Examiner Name	Janet Marie WILKENS
Attorney Docket Number	1001-001US29

CERTIFICATION STATEMENT

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Signature	/Daniel T. Lund/	Date (YYYY-MM-DD)	2024-12-04
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APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
18/898,549	**12/04/2024 10:18:44 PM Z ET**	**1001-001US29**

Title of Invention

DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	1241	FILED BY	Daniel Lund
PATENT CENTER #	68232002	FILING DATE	09/26/2024
CUSTOMER #	155431	FIRST NAMED INVENTOR	Nathan Mark Poniatowski
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	-

Documents

TOTAL DOCUMENTS: 4

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
JP58061051U_FULL-translation_USPTO.pdf	5	Non Patent Literature	96 KB
KR101527121B1.pdf	14	Foreign Reference	569 KB
KR101527121B1-translation_US20160249737A1.pdf	14	Foreign Reference	774 KB
20241205_1001001US29.pdf	4	Information Disclosure Statement (IDS) Form (SB08)	1331 KB

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DOCUMENT	MESSAGE DIGEST(SHA-512)

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US 20160249737A1

(19) **United States**

(12) **Patent Application Publication**

HAN

(10) **Pub. No.: US 2016/0249737 A1**

(43) **Pub. Date: Sep. 1, 2016**

(54) **HEIGHT-ADJUSTABLE TABLE**

(71) Applicant: **SKE CO., LTD.**, Seoul (KR)

(72) Inventor: **MOON GYU HAN**, Seoul (KR)

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(52) **U.S. Cl.**

CPC ... ***A47B 9/16*** (2013.01); ***A47B 9/02*** (2013.01); ***A47B 9/14*** (2013.01)

(57) **ABSTRACT**

Provided is a height-adjustable table configured such that a height adjustment member rotates in response to an operation of an actuation unit, thereby being released from a locked state, and when an upper plate of the table is vertically lifted to a desired level, the operation of the actuation unit is stopped, and the height of the upper plate is adjusted step by step. Optimal space utility and a simple inner structure of the height-adjustable table can be accomplished, thereby reducing manufacturing cost and increasing user convenience.

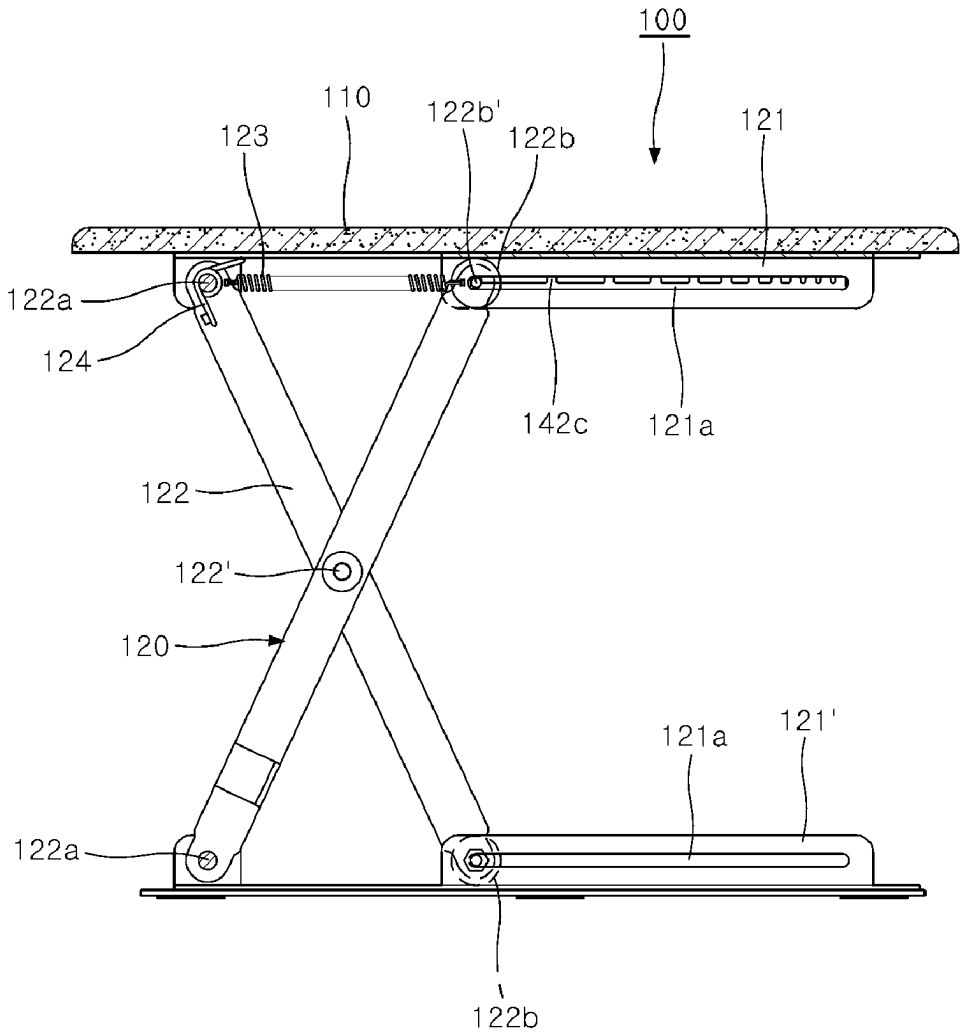


FIG. 1

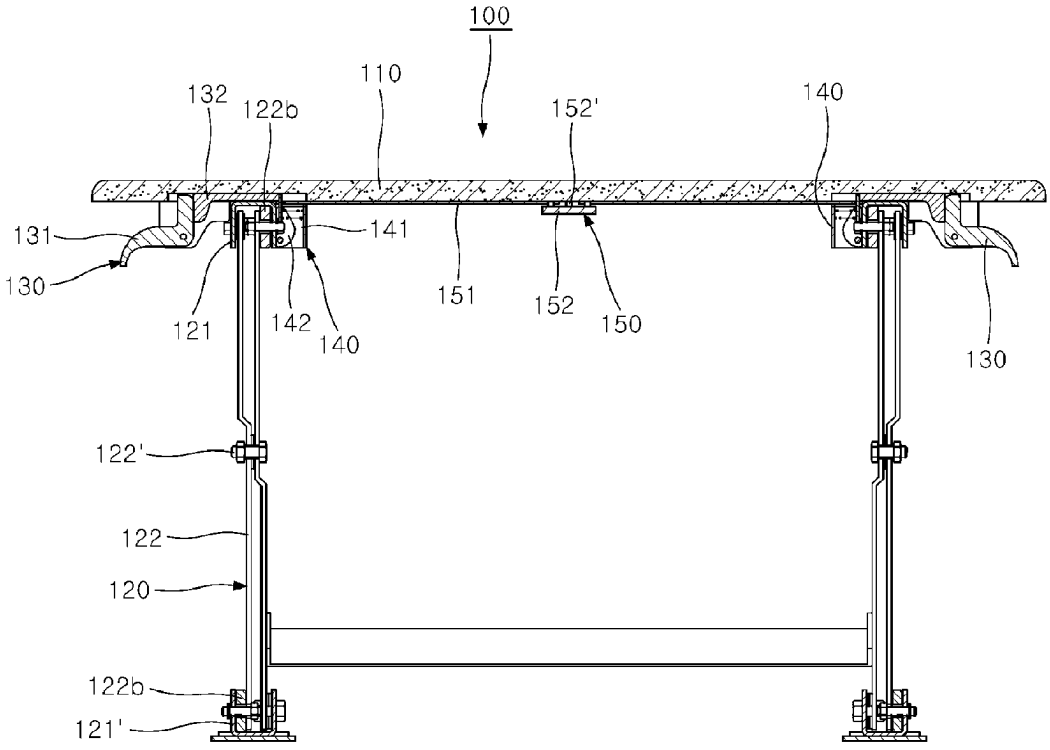

100
110
132
122b
152'
140
131
141
130
151
152
150
121
142
140
130
122'
122
120
122b
121'

FIG. 2

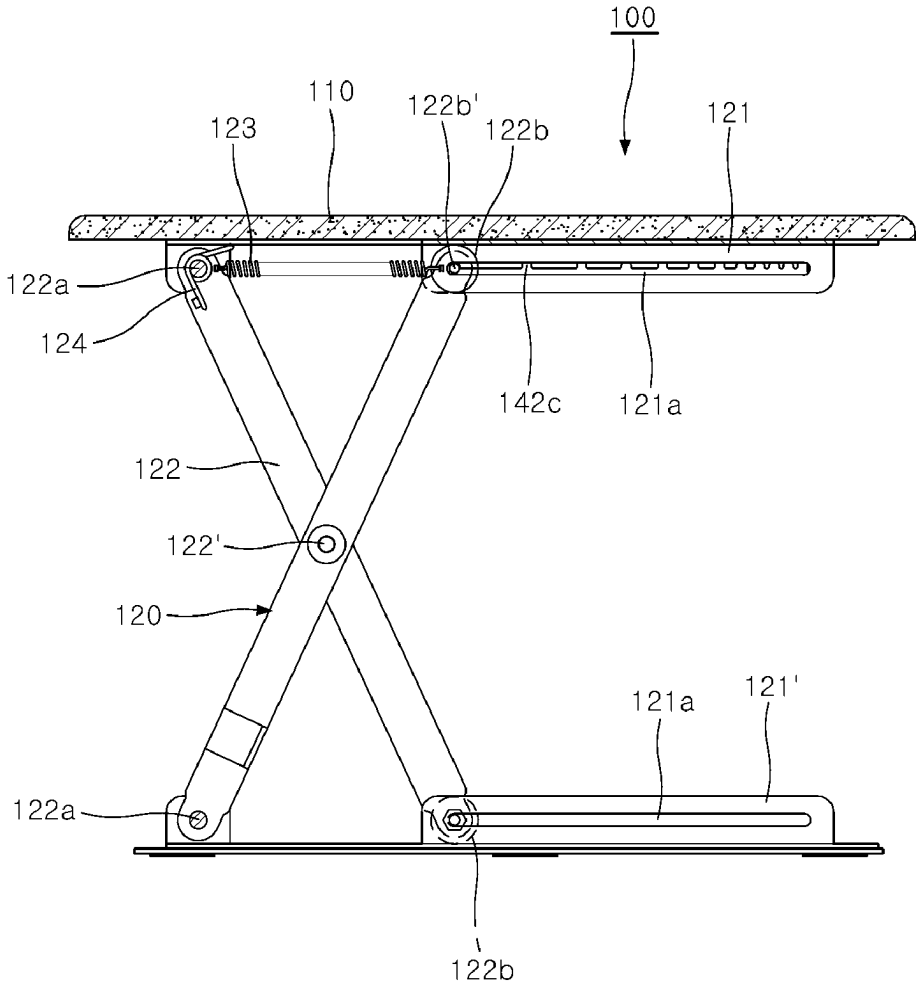

100
110
123
122b'
122b
121
122a
124
142c
121a
122
122'
120
121a
121'
122a
122b

FIG. 3

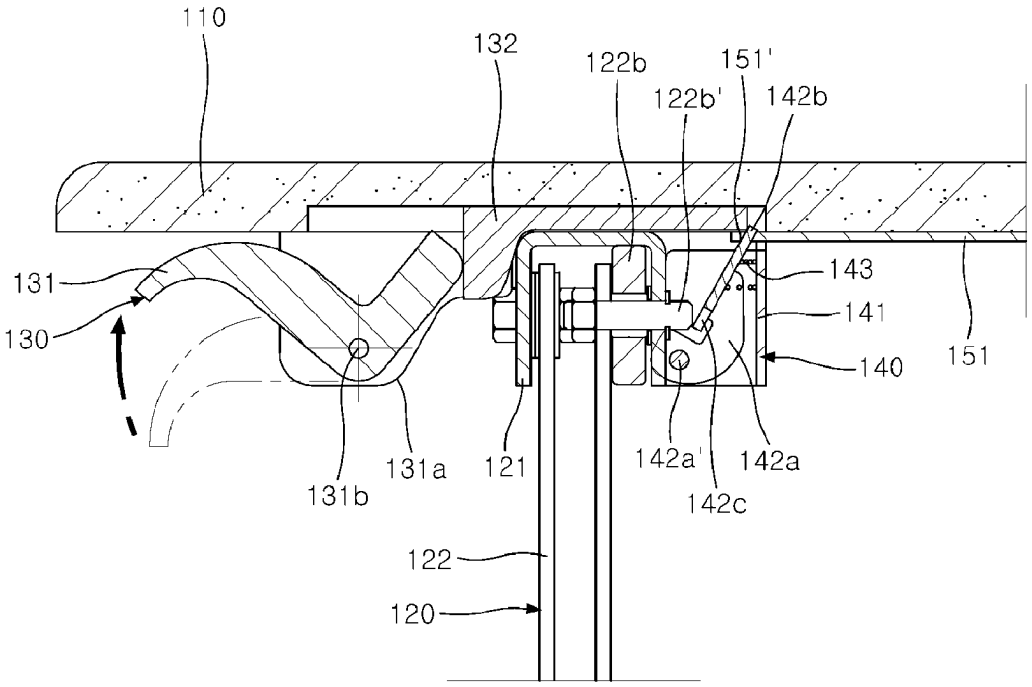

110
132
122b
151'
122b'
142b
131
130
143
141
140
151
131b
131a
121
142a'
142a
142c
122
120

FIG. 4

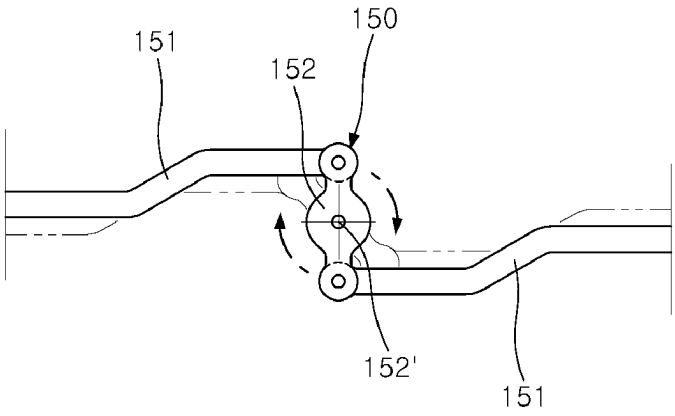


FIG. 5

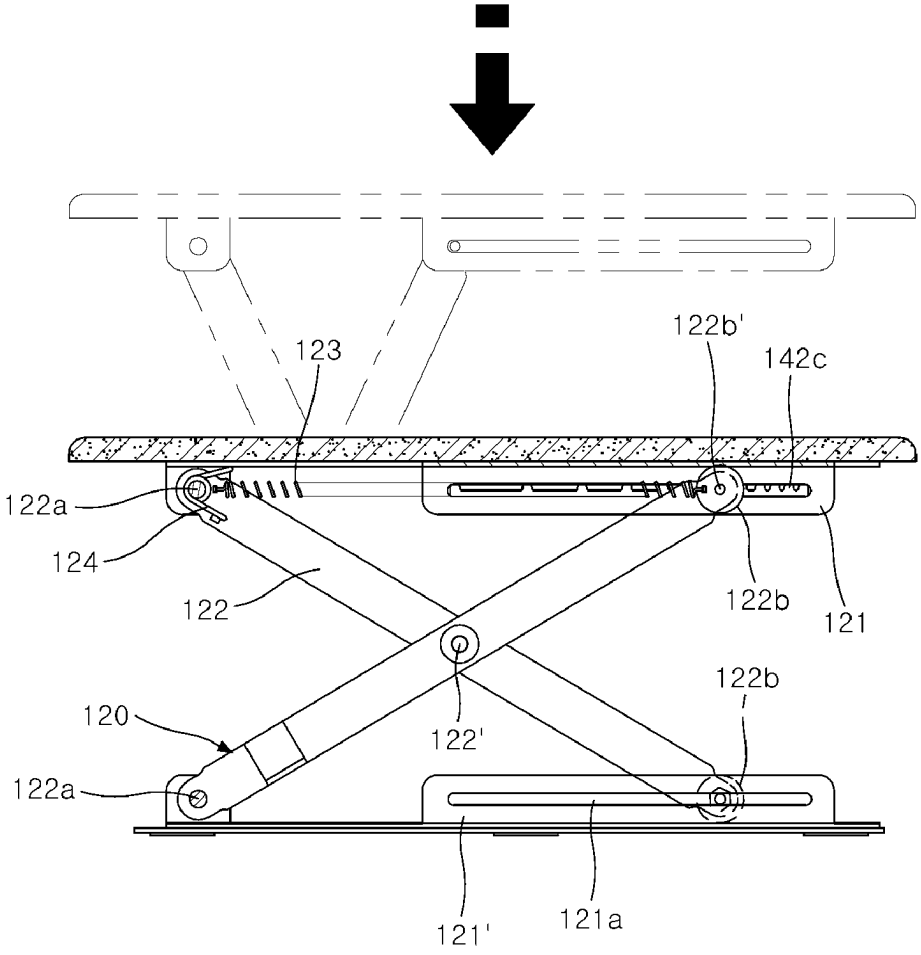


FIG. 6

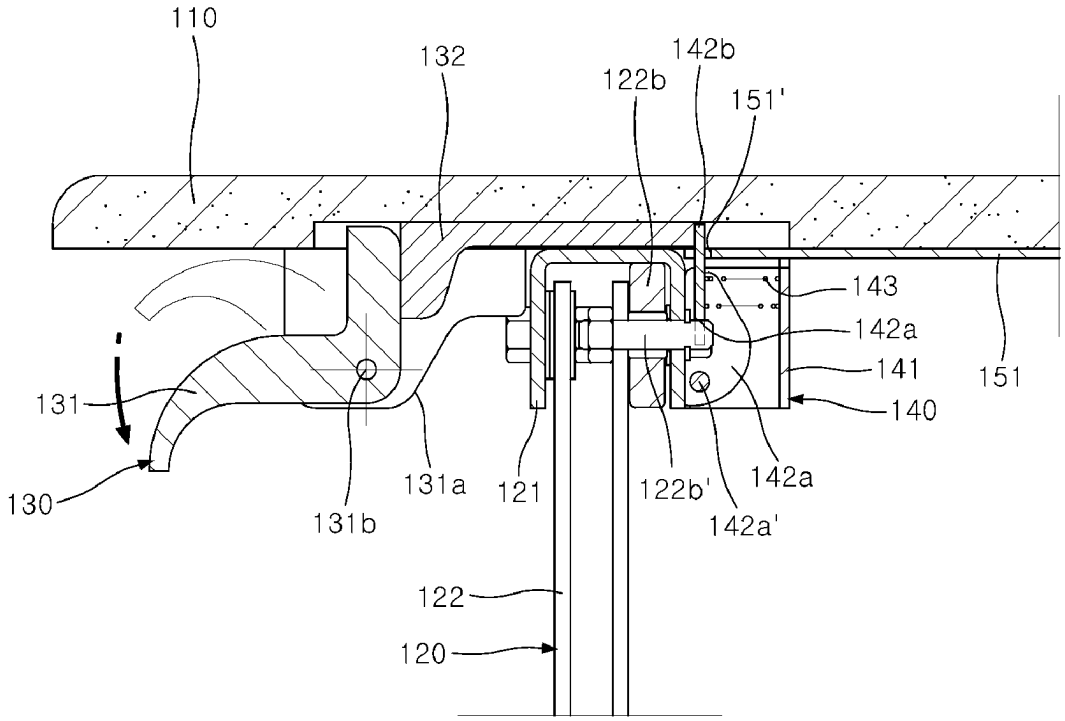

110
132
142b
122b
151'
143
142a
141
151
131
140
130
131b
131a
121
122b'
142a
142a'
122
120

FIG. 7

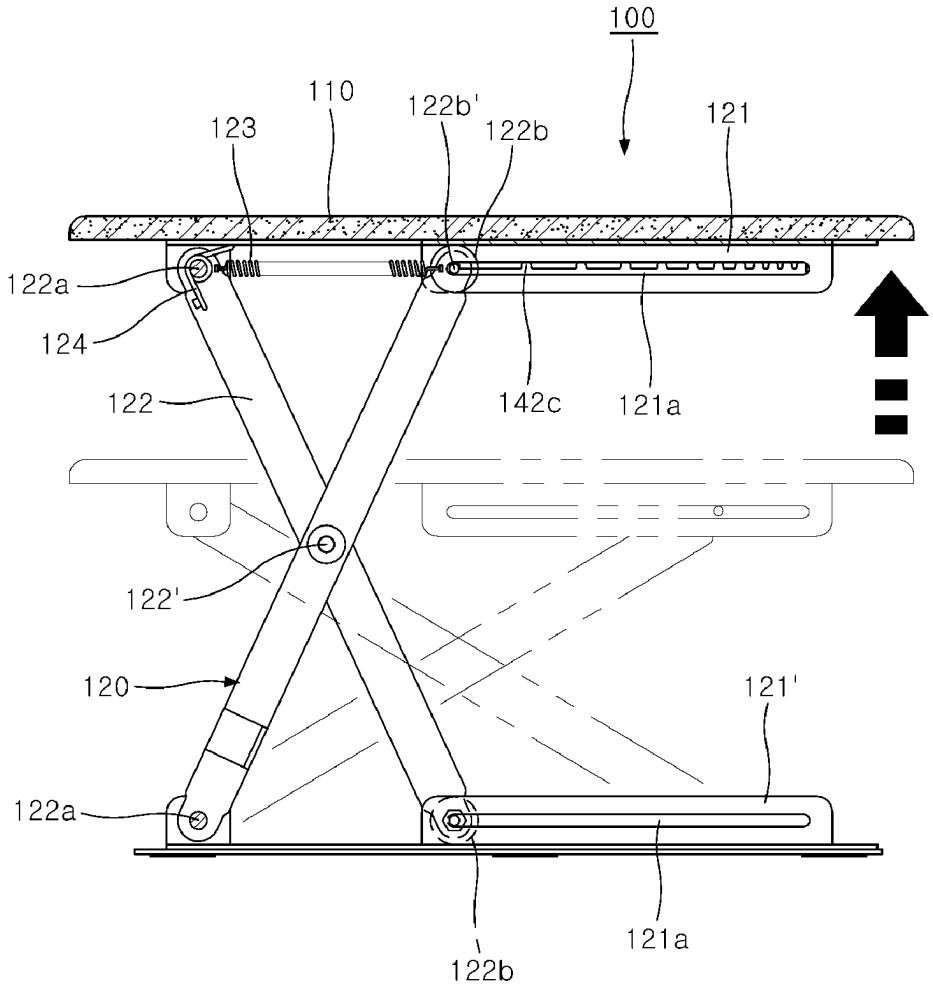

100
110
123
122b'
122b
121
122a
124
122
142c
121a
122'
120
121'
122a
122b
121a

FIG. 8

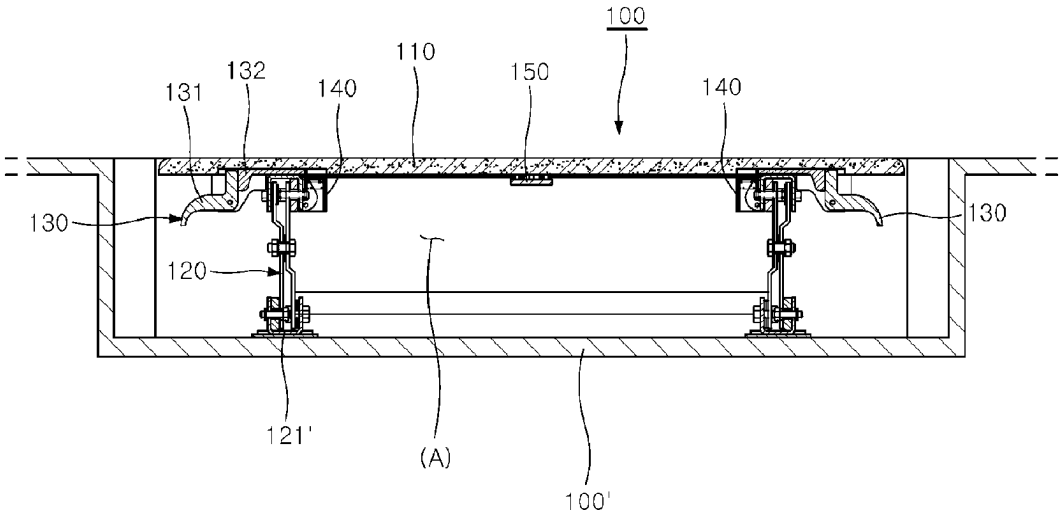
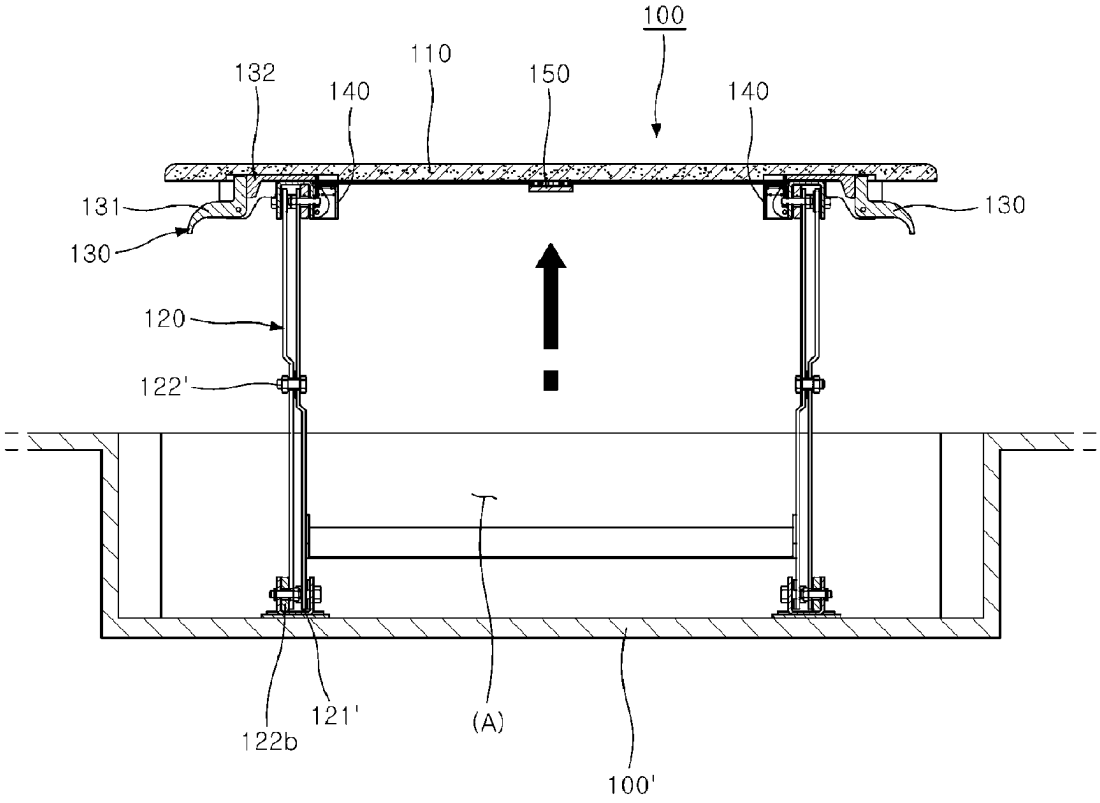


FIG. 9



HEIGHT-ADJUSTABLE TABLE

CROSS REFERENCE TO RELATED APPLICATION

[0001] The present application claims priority to Korean Patent Application No. 10-2015-0028346, filed Feb. 27, 2015, the entire contents of which is incorporated herein for all purposes by this reference.

BACKGROUND OF THE INVENTION

[0002] 1. Field of the Invention

[0003] The present invention generally relates to a height-adjustable table. More particularly, the present invention relates to a height-adjustable table configured such that a height adjustment member rotates in response to an operation of an actuation unit, thereby being released from a locked state, and when an upper plate of the table is vertically lifted to a desired level, the operation of the actuation unit is stopped, and the height of the upper plate is adjusted step by step. Accordingly, the present invention realizes the optimal space utility and a simple inner structure of the height-adjustable table, thereby reducing manufacturing cost and increasing user convenience.

[0004] 2. Description of the Related Art

[0005] Generally, a table is manufactured in various sizes and shapes according to its intended use. When manufacturing a table for children, the table is small and light, but when manufacturing a table for a home or an office, the table requires durable and robust for its use, and thus it is big and heavy.

[0006] The table is typically made up of an upper plate and a plurality of support legs, and when used, the table is used with the support legs spread, but when unused, the table is stored with the support legs folded.

[0007] However, the conventional table has a problem in that when the support legs of the table are spread from the upper plate, the table is fixed to a single predetermined height for use, and it is impossible to adjust the height of the upper plate, thus the utility of the table is low.

[0008] To address the issue, a table constructed in a folding manner to be conveniently used is on the market. When the upper plate of the folding table is lifted, the folded upper plate is lifted up diagonally while describing a parabola. Accordingly, the folding table has a problem in that it requires a larger space for use, and thus space utility is low.

[0009] In recent years, to solve the problem, a table height-adjustment device has been proposed as disclosed in Korean Patent No. 10-0330661.

[0010] The invention of the related art includes: first longitudinal guide holes provided at two opposite sides of an upper plate of a table; second longitudinal guide holes provided at sides of supporting plates securely placed inside supporting poles; folding links movably combined with the first and second longitudinal guide holes; a moving unit connected with lower pins to stretch the folding links; a threaded shaft moving the moving unit forward and backward within the range of the second longitudinal guide holes; and rotating means to rotate the threaded shaft. Accordingly, the table of the related art can adjust the height of the table unlike the existing tables, and thus it can be used conveniently and comfortably.

[0011] However, in the invention of the related art, if a decelerating motor or a handle is rotated to adjust the height of the table, the threaded shaft rotates to close or open the folding links, thereby lifting or lowering the upper plate. Accordingly, since the inner structure of the table of the related art is complex, the table is difficult to fabricate, thereby increasing manufacturing cost and often causing malfunctions.

[0012] The foregoing is intended merely to aid in the understanding of the background of the present invention, and is not intended to mean that the present invention falls within the purview of the related art that is already known to those skilled in the art.

[0013] 3. Documents of Related Art

[0014] (Patent Document 1) Korean Patent No. 10-0330661.

SUMMARY OF THE INVENTION

[0015] Accordingly, the present invention has been made keeping in mind the above problems occurring in the related art, and the present invention is intended to propose a height-adjustable table configured in such a manner that a height adjustment member rotates in response to the operation of an actuation unit, thereby being released from a locked state, and when an upper plate is vertically lifted to a desired height, the operation of the actuation unit is stopped, and the height of the upper plate is adjusted step by step. Accordingly, the present invention realizes the optimal space utility and simple inner structure of the height-adjustable table, thereby reducing manufacturing cost and increasing user convenience.

[0016] In order to achieve the above object, according to one aspect of the present invention, there is provided a height-adjustable table including:

[0017] an upper plate;

[0018] a leg unit mounted to a lower surface of the upper plate and having a lifting unit provided in such a manner that when an actuation unit is operated, the lifting unit is lifted or lowered while a locking protrusion of the lifting unit is locked in one of a plurality of height adjustment holes of a height adjustment member;

[0019] the actuation unit including:

[0020] an actuation lever rotatably combined with a fixed mount to rotate based on a shaft pin, the fixed mount being fixed to the lower surface of the upper plate; and

[0021] a pressure member pressurizing a height adjustment unit while the actuation lever is operated,

[0022] wherein when the actuation lever is operated, the locking protrusion of the leg unit is released from or locked in one of the height adjustment holes of the height adjustment member while the pressure member applies a pressure to the height adjustment member or removes the pressure therefrom; and

[0023] the height adjustment unit provided in such a manner that while the actuation unit is operated, the locking protrusion is released from or locked in one of the height adjustment holes to progressively adjust the height of the leg unit while the height adjustment member rotates based on a shaft thereof, the height adjustment unit being combined with an inner side of an upper bracket of the leg unit.

[0024] The present invention has an advantage in that the height adjustment member rotates in response to the operation of the actuation unit of the present invention, thereby being released from a locked state, and when the upper plate is vertically lifted to a desired height, the operation of the actuation unit is stopped, and the height of the upper plate is adjusted step by step. Accordingly, the present invention real-

izes optimal space utility and a simple inner structure of the height-adjustable table, thereby reducing manufacturing cost and increasing users' convenience.

BRIEF DESCRIPTION OF THE DRAWINGS

[0025] The above and other objects, features and other advantages of the present invention will be more clearly understood from the following detailed description when taken in conjunction with the accompanying drawings, in which:

[0026] FIG. **1** is a front sectional view of the present invention;

[0027] FIG. **2** is a side sectional view of the present invention;

[0028] FIGS. **3** to **7** are views showing the operation of the present invention; and

[0029] FIGS. **8** and **9** are views showing the use of a table put in a table receiving space.

DETAILED DESCRIPTION OF THE INVENTION

[0030] Hereinbelow, an exemplary embodiment of the present invention will be described in detail with reference to the accompanying drawings. Throughout the drawings, the same reference numerals will refer to the same or like parts.

[0031] The height-adjustable table **100** of the present invention includes: an upper plate **110**; a leg unit **120** mounted to a lower surface of the upper plate **110** and having a lifting unit **122** provided in such a manner that when an actuation unit **130** is operated, the lifting unit **122** is lifted or lowered while a locking protrusion **122***b*' of the lifting unit **122** is engaged with one of a plurality of height adjustment holes **142***c* of a height adjustment member **142**; the actuation unit **130** including: an actuation lever **131** rotatably combined with a fixed mount **131***a* to rotate based on a shaft pin **131***b*, the fixed mount **131***a* being fixed to the lower surface of the upper plate **110**; and a pressure member **132** pressurizing a height adjustment unit **140** while the actuation lever **131** is operated, wherein when the actuation lever **131** is operated, the locking protrusion **122***b*' of the leg unit **120** is released from or engaged with one of the height adjustment holes **142***c* of the height adjustment member **142** while the pressure member **132** applies a pressure to the height adjustment member **142** or removes the pressure therefrom; and the height adjustment unit **140** provided in such a manner that while the actuation unit **130** is operated, the locking protrusion **122***b*' is released from or locked in one of the height adjustment holes **142***c* to progressively adjust the height of the leg unit **120** while the height adjustment member **142** rotates based on a shaft **142***a*' thereof, the height adjustment unit **140** being combined with an inner side of an upper bracket **121** of the leg unit **120**. The above description will be described in more detail.

[0032] In the height-adjustable table **100**, the leg unit **120** includes: upper and lower brackets **121** and **121**' each having a longitudinal guide hole **121***a* with which the lifting unit **122** is combined, the upper and lower brackets **121** and **121**' being fixed at locations under the upper plate **110**; the lifting unit **122** including a plurality of lifting members mounted to the upper and lower brackets **121** and **121**' in a scissor type, wherein a first end of each of the lifting members is held by a rotation guide shaft **122***a*, and a second end thereof is combined with a guide roller **122***b* to guide a movement of the lifting member along the longitudinal guide hole **121***a*, the guide roller **122***b* having the locking protrusion **122***b*' protruding therefrom; and an elastic member **123** provided between the lifting members, thereby preventing the lifting unit **122** from being lowered too rapidly.

[0033] The elastic member **123** includes two springs having different diameters.

[0034] The leg unit **120** further includes: an auxiliary spring **124** provided to elastically lift or lower the lifting unit **122**, the auxiliary spring **124** being combined with the rotation guide shaft **122***a* of the lifting unit **122**.

[0035] The height adjustment unit **140** includes: a fixed member **141** fixed to the inner side of the upper bracket **121** of the leg unit **120**; the height adjustment member **142** combined with the fixed member **141** and adjusting the height of the leg unit **120** while rotating based on the shaft **142***a*' thereof when the actuation unit **130** is operated; and a restoration member **143** provided between the fixed member **141** and the height adjustment member **142**, and restoring the height adjustment member **142** to the initial position thereof.

[0036] The height adjustment member **142** includes: a height adjustment body **142***a* rotated based on the shaft **142***a*' of the height adjustment member **142** by the operation of the actuation unit **130**; a pressure protrusion **142***b* provided on an upper part of the height adjustment body **142***a;* and the plurality of height adjustment holes **142***c* which are engaged with or released from the locking protrusion **122***b*' of the leg unit **120**, the height adjustment holes **142***c* being provided on a lower part of the height adjustment body **142***a*.

[0037] The height-adjustable table **100** further includes: a cooperation unit **150** provided between and combined with the height adjustment units **140** placed at opposite sides of the table and configured such that the height adjustment units **140** are operated simultaneously while the cooperation unit **150** cooperates with the pressure of the pressure member **132**.

[0038] The cooperation unit **150** includes: a cooperation guide member **152** rotating based on a central shaft **152**' thereof; and cooperation members **151** connected with two opposite ends of the cooperation guide member **152**, respectively, the cooperation members **151** cooperating with the cooperation guide member while rotating based on the cooperation guide member **152** when the actuation unit **130** is operated, the cooperation members **151** having respective combination notches **151**' combined with the pressure protrusions **142***b* provided in the height adjustment units **140**.

[0039] The fabrication process of the exemplary embodiment of the present invention constructed above will be described in detail below.

[0040] First, the upper plate **110** made of wood and formed to be flat as illustrated in FIGS. **1** and **2** is turned over so that the lower surface of the upper plate **110** faces upward.

[0041] After the upper brackets **121** are arranged at opposite positions spaced at a predetermined distance on the lower surface of the upper plate **110** and are mounted thereto, while the fixed mount **131***a* is fixed to be adjacent to the outside of each of the upper brackets **121**, the actuation lever **131** is combined with the fixed mount **131***a* by using the shaft pin **131***b* so that the actuation lever **131** can rotate.

[0042] The pressure member **132** pressurizing the height adjustment member **142** is mounted to be in close contact with the inner surface of the actuation lever **131**.

[0043] In addition, the fixed member **141** of each of the height adjustment units **140** is fixed to the inner side of each of the upper brackets **121**, and the height adjustment member **142** having the height adjustment holes **142***c* is located

between the upper bracket **121** and the fixed member **141**, and then the shaft **142***a*' of the height adjustment member **142** is combined with the height adjustment member **142** toward the side of the height adjustment member **142** from the outside of the fixed member **141** so that the height adjustment member **142** can rotate.

[0044] In this case, the pressure member **132** of the actuation unit **130** is in close contact with the pressure protrusion **142***b* of the height adjustment member **142** so that when the pressure member **132** is pressurized, the height adjustment member **142** can rotate.

[0045] The restoration member **143** is mounted between the fixed member **141** and the height adjustment member **142**, wherein the first end of the restoration member **143** is mounted to one side of the height adjustment member **142** and the second end thereof is mounted to the inner surface of the fixed member **141**.

[0046] As described above, when the fabrication of the height adjustment units **140** is completed, the cooperation unit **150** simultaneously operating the height adjustment units **140** during the operation of the actuation unit **130** is provided between and combined with the height adjustment units **140**. After the combination notches **151**' formed on the cooperation members **151** of the cooperation unit **150** are combined with the pressure protrusions **142***b* of the height adjustment members **142**, opposing ends of the cooperation members **151** are connected with respective opposite ends of the cooperation guide member **152**.

[0047] The cooperation guide member **152** is mounted to rotate based on the central shaft **152**' thereof located between the height adjustment units **140**.

[0048] Additionally, a first end of each of the lifting members provided in a scissor type is held to the upper and lower brackets **121** and **121**' by the rotation guide shaft **122***a* so that the lifting members can rotate, and the guide roller **122***b* is mounted to a second end of each of the lifting members to be guided in rolling contact with the inner surfaces of the upper and lower brackets **121** and **121**'. The locking protrusion **122***b*' of the guide roller **122***b* is provided protruding toward the side of the longitudinal guide hole **121***a* to be combined with one of the height adjustment holes **142***c* of the height adjustment members **142**.

[0049] The elastic member **123** including a spring provided under the upper plate **110** and between the lifting members is connected with the lifting members to prevent the lifting unit **122** from being lowered too rapidly and to lift the lifting unit **122** elastically when the lifting members are lifted.

[0050] In the elastic member **123**, the spring is a double spring in which a small diameter spring is inserted into a large diameter spring, and the elastic member **123** prevents the lifting unit **122** from being lifted and lowered too rapidly.

[0051] Furthermore, the auxiliary spring **124** is mounted to the rotation guide shaft **122***a* of the lifting unit **122** to help the lifting or lowering motion of the lifting unit **122**.

[0052] The operation of the exemplary embodiment of the present invention constructed as described above will be described in detail below.

[0053] First, as illustrated FIGS. **3** to **7**, when it is required to lift a folded table to a predetermined height by closing the leg units **120**, a user holds and presses at least one of the actuation levers **131** of the actuation units **130**.

[0054] If the actuation lever **131** rotates based on the shaft pin **131***b* thereof, the pressure member **132** positioned at one end of the actuation lever **131** pressurizes one surface of the pressure protrusion **142***b* of the height adjustment member **142**.

[0055] Then, the height adjustment member **142** is rotated based on the shaft **142***a*', and the cooperation members **151** of the cooperation unit **150** combined with the pressure protrusions **142***b* of the two height adjustment units **140** provided at opposite sides of the table rotate based on the cooperation guide member **152** to simultaneously rotate the height adjustment members **142**.

[0056] In this case, the locking protrusion **122***b*' of the lifting unit **122** locked in one of the height adjustment holes **142***c* is released therefrom.

[0057] When the locking protrusion **122***b*' is released from the height adjustment hole **142***c* of the height adjustment member **142** as described above, the user vertically lifts the upper plate **110** to the predetermined height while holding the actuation lever **131** of the actuation unit **130**.

[0058] When the upper plate **110** is lifted, the lifting members of the lifting unit **122** rotate based on a rotation shaft **122**', and the guide rollers **122***b* move in rolling contact with the upper and lower brackets **121** and **121**'. During the movement of the rollers **122***b*, the locking protrusions **122***b*' of the guide rollers **122***b* are simultaneously guided along the longitudinal guide holes **121***a*.

[0059] In this case, the movement of the locking protrusion **122***b*' is not interrupted from the height adjustment hole **142***c* of the height adjustment member **142**.

[0060] When the upper plate **110** reaches a desired height, the user removes the pressure from the actuation lever **131**.

[0061] When the pressure of the actuation lever **131** is removed, the height adjustment member **142** rotates based on the shaft **142***a*' by the elasticity of the restoration member **143** mounted between the height adjustment member **142** and the fixed member **141**, thereby restoring the position of the height adjustment member **142** to the initial position thereof. At the same time, the locking protrusion **122***b*' of the lifting unit **122** is locked in one of the height adjustment holes **142***c* of the height adjustment member **142**, thereby realizing adjustment of the height of the leg unit **120**.

[0062] In this case, when the height adjustment member **142** rotates, the pressure member **132** pressurizing the pressure protrusion **142***b* is moved toward the actuation lever **131** by the restoring force of the height adjustment member **142**, thereby rotating the actuation lever **131** to the initial position thereof.

[0063] In addition, the cooperation members **151** combined with the pressure protrusions **142***b* of the height adjustment members **142** provided at the opposite sides of the table rotate based on the central shaft **152**' of the cooperation guide member **152**, thereby restoring the position of the cooperation member **151** to the initial position thereof.

[0064] To lift the height of the upper plate **110** higher after adjusting the height of the upper plate **110** as described above, the same process described above may be applied to adjust the height of the upper plate **110**.

[0065] Accordingly, as described above, the upper plate **110** is vertically lifted to progressively adjust the height thereof.

[0066] In addition, as illustrated in FIGS. **8** and **9**, the height-adjustable table **100** having the above-mentioned construction may be used while being put in a table **100**' having a receiving space A.

[0067] Here, the height of the upper surface of the height-adjustable table **100** is equal to the height of the table **100'** having the receiving space A, so the height-adjustable table **100** put in the table **100'** may be used as a normal table. When it is required to lift the upper plate **110** of the height-adjustable table **100** to a predetermined level, the upper plate **110** may be lifted to the desired height by operating the actuation unit **130** in the same manner as described above.

[0068] All terms or words used in the specification and claims have the same meaning as commonly understood by one of ordinary skill in the art to which inventive concepts belong. It will be further understood that terms, such as those defined in commonly used dictionaries, should be interpreted as having a meaning that is consistent with their meaning in the context of the relevant art and will not be interpreted in an idealized or overly formal sense unless expressly so defined herein.

[0069] Although a preferred embodiment of the present invention has been described for illustrative purposes, those skilled in the art will appreciate that various modifications, additions and substitutions are possible, without departing from the scope and spirit of the invention as disclosed in the accompanying claims.

What is claimed is:

1. A height-adjustable table comprising:

an upper plate;

a leg unit mounted to a lower surface of the upper plate and having a lifting unit provided in such a manner that when an actuation unit is operated, the lifting unit is lifted or lowered while a locking protrusion of the lifting unit is locked in one of a plurality of height adjustment holes of a height adjustment member;

the actuation unit including:

an actuation lever rotatably combined with a fixed mount to rotate based on a shaft pin, the fixed mount being fixed to the lower surface of the upper plate; and

a pressure member pressurizing a height adjustment unit while the actuation lever is operated,

wherein when the actuation lever is operated, the locking protrusion of the leg unit is released from or locked in one of the height adjustment holes of the height adjustment member while the pressure member applies a pressure to the height adjustment member or removes the pressure therefrom; and

the height adjustment unit provided in such a manner that while the actuation unit is operated, the locking protrusion is released from or locked in one of the height adjustment holes to progressively adjust the height of the leg unit while the height adjustment member rotates based on a shaft thereof, the height adjustment unit being combined with an inner side of an upper bracket of the leg unit.

2. The height-adjustable table of claim **1**, wherein the leg unit comprises:

upper and lower brackets each having a longitudinal guide hole with which the lifting unit is combined, the upper and lower brackets being fixed at locations under the upper plate;

the lifting unit including a plurality of lifting members mounted to the upper and lower brackets in a scissor type, wherein a first end of each of the lifting members is held by a rotation guide shaft, and a second end thereof is combined with a guide roller to guide a movement of the lifting member along the longitudinal guide hole, the guide roller having the locking protrusion protruding therefrom; and

an elastic member provided between the lifting members, thereby preventing the lifting unit from being lowered rapidly.

3. The height-adjustable table of claim **2**, wherein the elastic member comprises two springs having different diameters.

4. The height-adjustable table of claim **2**, further comprising:

an auxiliary spring provided to elastically lift or lower the lifting unit, the auxiliary spring being combined with the rotation guide shaft of the lifting unit.

5. The height-adjustable table of claim **1**, wherein the height adjustment unit comprises:

a fixed member fixed to the inner side of the upper bracket of the leg unit;

the height adjustment member combined with the fixed member and adjusting the height of the leg unit while rotating based on the shaft thereof when the actuation unit is operated; and

a restoration member provided between the fixed member and the height adjustment member, and restoring the height adjustment member to an initial position thereof.

6. The height-adjustable table of claim **5**, wherein the height adjustment member comprises:

a height adjustment body rotated by the operation of the actuation unit;

a pressure protrusion provided on an upper part of the height adjustment body; and

the plurality of height adjustment holes to which the locking protrusion of the leg unit is locked in or released from, the height adjustment holes being provided on a lower part of the height adjustment body.

7. The height-adjustable table of claim **1**, further comprising:

a cooperation unit provided between and combined with the height adjustment units placed at opposite sides of the table and configured such that the height adjustment units are operated simultaneously while the cooperation unit cooperates with the pressure of a pressure member.

8. The height-adjustable table of claim **7**, wherein the cooperation unit comprises:

a cooperation guide member rotating based on a central shaft thereof; and

cooperation members connected to opposite ends of the cooperation guide member, respectively, the cooperation members cooperating with the cooperation guide member while rotating based on the cooperation guide member when the actuation unit is operated, the cooperation members having respective combination notches combined with the pressure protrusions provided in the height adjustment units.

* * * * *

PTO/SB/06 (09-11)
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 18/898,549	Filing Date 09/26/2024	☐ To be Mailed

ENTITY: ☐ LARGE ☑ SMALL ☐ MICRO

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A		N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A		N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*		x $40 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*		x $ 192 =	
☐ 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	12/13/2024	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 25	Minus	** 25	= 0		x $40 =	0
	Independent (37 CFR 1.16(h))	* 4	Minus	*** 3	= 1		x $ 192 =	192
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	192

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=		x $ 0 =	
	Independent (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.	LIE
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".	/STEFANIE A BRYCE/
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".	
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.	

This collection of information is required by 37 CFR 1.16. 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 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. 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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ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
18/898,549	**12/13/2024 03:46:56 PM Z ET**	**1001-001US29**

Title of Invention

DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	1241	FILED BY	Daniel Lund
PATENT CENTER #	68367678	FILING DATE	09/26/2024
CUSTOMER #	155431	FIRST NAMED INVENTOR	Nathan Mark Poniatowski
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	-

Documents

TOTAL DOCUMENTS: 3

DOCUMENT		PAGES	DESCRIPTION	SIZE (KB)
Amendment.pdf		10	-	152 KB
Amendment-A....pdf	(1-1)	1	Amendment/Request for Reconsideration-After Non-Final Rejection	124 KB
Amendment-CLM.pdf	(2-8)	7	Claims	102 KB
Amendment-REM.pdf	(9-10)	2	Applicant Arguments/Remarks Made in an Amendment	92 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
Amendment.pdf	898576C7C81012B7501C0503F536B7B072866421B10CFECFA7

	86AA3D687CADDFDE9499C467949556064B79364EB1C1DD4E C615A975B5C7EF251612B56E6B6148
Amendment-A....pdf	745B591472BE1D56AD4D4DD40B9E0E8035E552D7F7C2BEF9 02F5694A77916CC9DB9BA81181DE8F3EE7E37E5566537B6AA 7649C41A92316778BFDD4BE8642A7F3
Amendment-CLM.pdf	225F1245B9A187508391025ABAB76C8686780263CB91FF1009 D333F0D7B1402C27ACEC8329838B51A1B7EAA293C6F2B4D6 F5399B5984BAA1C27416B195FEB8AE
Amendment-REM.pdf	F2663E69378979E319609192E9718ED76F23A6FE4BEF0A9058 84D5B3E0FFD2B5E37A1A0DBDA76DAF77747CA72856A9C937 9C3FD4AF3BDE4A6748A2F7FFA8BC31

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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 #
18/898,549	**12/13/2024 03:46:56 PM Z ET**	**1001-001US29**

Title of Invention

DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	1241	FILED BY	Daniel Lund
PATENT CENTER #	68367678	AUTHORIZED BY	-
CUSTOMER #	155431	FILING DATE	09/26/2024
CORRESPONDENCE ADDRESS	-	FIRST NAMED INVENTOR	Nathan Mark Poniatowski

Payment Information

PAYMENT METHOD	PAYMENT TRANSACTION ID	PAYMENT AUTHORIZED BY
CARD / 2005	**E2024BCF47158252**	**Daniel Lund**

PRE-AUTHORIZED ACCOUNT	PRE-AUTHORIZED CATEGORY
602335	**37 CFR 1.16 (National application filing, search, and examination fees); 37 CFR 1.17 (Patent application and reexamination processing fees); 37 CFR 1.20 (Post Issuance fees); 37 CFR 1.21 (Miscellaneous fees and charges)**

FEE CODE	DESCRIPTION	ITEM PRICE($)	QUANTITY	ITEM TOTAL($)
2201	EACH INDEPENDENT CLAIM IN EXCESS OF THREE	192.00	1	192.00
			TOTAL AMOUNT:	**$192.00**

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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

App. No.:	18/898,549	Examiner:	WILKENS, Janet Marie
Filed:	September 26, 2024	Group Art Unit:	3637
Inventor:	Nathan Poniatowski	Confirmation No.	1241
Title:	DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY	Customer No.:	155431
		Docket No.:	1001-001US29

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 2313-1450

I HEREBY CERTIFY THAT THIS CORRESPONDENCE, ALONG WITH ANY REFERRED TO AS BEING ATTACHED OR ENCLOSED, IS BEING TRANSMITTED VIA EFS-WEB TO THE USPTO ON DECEMBER 13, 2024.
/DANIEL T. LUND/, REG. NO. 58,614

AMENDMENT

Dear Commissioner:

This submission is responsive to the Office Action dated November 18, 2024.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 9 of this paper.

The Commissioner is authorized to charge any fees due to Deposit Account No. 60-2335.

AMENDMENTS TO THE CLAIMS

1 (Currently Amended): A desktop workspace that adjusts vertically, comprising:

a work surface platform;

a base configured to sit on an existing platform;

a height adjustment mechanism connecting the work surface platform and the base, the height adjustment mechanism including:

a set of pivot arms including a base pivot arm pivotably connected to the base and a platform pivot arm pivotably connected to the work surface platform, the base pivot arm pivotably connected to the platform pivot arm to provide a scissoring motion when raising and lowering the work surface platform to various heights;

a first sliding mechanism on an end of the platform pivot arm between the end of the platform pivot arm and the base; and

a second sliding mechanism on an end of the base pivot arm between the end of the base pivot arm and the work surface platform; and

a spring attached to the height adjustment mechanism to provide a force to assist in elevation of the work surface platform,

wherein the spring, the base pivot arm, and the platform pivot arm [[overlap]] <u>are positioned</u> side-by-side along a plane parallel to a work surface of the work surface platform when the desktop workspace is in a fully lowered position<u>,</u>

<u>wherein the spring is a gas spring</u>.

2 (Original): The desktop workspace of claim 1, wherein the base pivot arm is a first base pivot arm, the height adjustment mechanism further comprising:

a second base pivot arm; and

an element that connects the first base pivot arm to the second base pivot arm,

wherein the spring is attached to the element.

3 (Original): The desktop workspace of claim 2, wherein the element is attached on the same side of the base pivot arm as the second sliding mechanism relative to the pivot connection between the base pivot arm and the platform pivot arm.

4 (Original): The desktop workspace of claim 2, wherein the element includes a cross beam.

5 (Original): The desktop workspace of claim 1, wherein the platform pivot arm is a first platform pivot arm, the height adjustment mechanism further comprising:

a second platform pivot arm; and

an element that connects the first platform pivot arm to the second platform pivot arm, wherein the spring is attached to the element.

6 (Original): The desktop workspace of claim 5, wherein the element is attached on the same side of the first platform pivot arm as the second sliding mechanism relative to the pivot connection between the base pivot arm and the platform pivot arm.

7 (Currently Amended): ~~The desktop workspace of claim 1~~ A desktop workspace that adjusts vertically, comprising:

a work surface platform;

a base configured to sit on an existing platform;

a height adjustment mechanism connecting the work surface platform and the base, the height adjustment mechanism including:

a set of pivot arms including a base pivot arm pivotably connected to the base and a platform pivot arm pivotably connected to the work surface platform, the base pivot arm pivotably connected to the platform pivot arm to provide a scissoring motion when raising and lowering the work surface platform to various heights;

a first sliding mechanism on an end of the platform pivot arm between the end of the platform pivot arm and the base; and

a second sliding mechanism on an end of the base pivot arm between the end of the base pivot arm and the work surface platform; and

a spring attached to the height adjustment mechanism to provide a force to assist in elevation of the work surface platform,

wherein the spring, the base pivot arm, and the platform pivot arm are positioned side-by-side along a plane parallel to a work surface of the work surface platform when the desktop workspace is in a fully lowered position,

wherein the spring extends between an underside of the work surface platform and the height adjustment mechanism.

8 (Original): The desktop workspace of claim 1, wherein the spring extends between a base pivot fixed relative the base and the height adjustment mechanism.

9 (Original): The desktop workspace of claim 1,

wherein the work surface platform forms an upper work surface, and

wherein the spring is completely covered by a profile of the work surface platform when viewed from above the upper work surface relative to the base, the profile of the work surface platform being defined by an outer perimeter of the upper work surface.

10 (Original): The desktop workspace of claim 1, wherein the spring is a first spring, the desktop workspace comprising a pair of springs attached to the height adjustment mechanism to assist in the elevation of the work surface platform, the pair of springs including the first spring and a second spring.

11 (Canceled).

12 (Currently Amended): The desktop workspace of claim 1 [[11]], wherein the gas spring acts as a locking device that holds the work surface platform at various intermediate heights above the base.

13 (Original): The desktop workspace of claim 1, wherein the scissoring motion when raising and lowering the work surface platform to various heights of the height adjustment mechanism moves the work surface platform in a straight vertical direction relative to the base.

14 (Original): The desktop workspace of claim 1, further comprising a locking device that holds the work surface platform at various intermediate heights above the base.

15 (Original): The desktop workspace of claim 14, wherein the locking device includes a handle that disengages the locking device once pressure is applied by a user.

16 (Original): The desktop workspace of claim 14, wherein the locking device is configured to hold the work surface platform at a plurality of preset stopping heights.

17 (Original): The desktop workspace of claim 14, wherein the locking device is configured to hold the work surface platform at any point a user chooses.

18 (Original): The desktop workspace of claim 14, wherein the locking device includes a handle that a user pulls on to unlock the locking device.

19 (Original): The desktop workspace of claim 1, wherein the spring provides the force to assist in elevation of the work surface platform through linear extension and compression of the spring.

20 (Currently Amended): ~~The desktop workspace of claim 1~~ A desktop workspace that adjusts vertically, comprising:

a work surface platform;

a base configured to sit on an existing platform;

a height adjustment mechanism connecting the work surface platform and the base, the height adjustment mechanism including:

a set of pivot arms including a base pivot arm pivotably connected to the base and a platform pivot arm pivotably connected to the work surface platform, the base pivot arm pivotably connected to the platform pivot arm to provide a scissoring motion when raising and lowering the work surface platform to various heights;

a first sliding mechanism on an end of the platform pivot arm between the end of the platform pivot arm and the base; and

a second sliding mechanism on an end of the base pivot arm between the end of the base pivot arm and the work surface platform; and

a spring attached to the height adjustment mechanism to provide a force to assist in elevation of the work surface platform,

wherein the spring, the base pivot arm, and the platform pivot arm are positioned side-by-side along a plane parallel to a work surface of the work surface platform when the desktop workspace is in a fully lowered position,

wherein the spring is adjacent an underside of the work surface platform and extends between an underside of the work surface platform and the height adjustment mechanism along a direction generally parallel to the work surface of the work surface platform.

21 (Original): The desktop workspace of claim 1, wherein the scissoring motion when raising and lowering the work surface platform to various heights of the height adjustment mechanism moves the work surface platform parallel to the existing platform.

22 (Original): The desktop workspace of claim 20, wherein the scissoring motion when raising and lowering the work surface platform to various heights of the height adjustment mechanism moves the work surface platform without moving back and forth or left to right.

23 (Original): The desktop workspace of claim 1, further comprising a keyboard platform that protrudes out, down, and parallel to the work surface platform.

24 (Currently Amended): ~~The desktop workspace of claim 22, further comprising~~ A desktop workspace that adjusts vertically, comprising:

a work surface platform;

a base configured to sit on an existing platform;

a height adjustment mechanism connecting the work surface platform and the base, the height adjustment mechanism including:

a set of pivot arms including a base pivot arm pivotably connected to the base and a platform pivot arm pivotably connected to the work surface platform, the base pivot arm pivotably connected to the platform pivot arm to provide a scissoring motion when raising and lowering the work surface platform to various heights;

a first sliding mechanism on an end of the platform pivot arm between the end of the platform pivot arm and the base; and

a second sliding mechanism on an end of the base pivot arm between the end of the base pivot arm and the work surface platform;

a spring attached to the height adjustment mechanism to provide a force to assist in elevation of the work surface platform,

wherein the spring, the base pivot arm, and the platform pivot arm are positioned side-by-side along a plane parallel to a work surface of the work surface platform when the desktop workspace is in a fully lowered position;

a keyboard platform that protrudes out, down, and parallel to the work surface platform; and

a keyboard tray mechanism configured to hold the keyboard platform in the position that protrudes out, down, and parallel to the work surface platform and to allow the keyboard platform to be stored under the work surface platform.

25 (Currently Amended): The desktop workspace of claim 1, wherein the spring, the base pivot arm, the platform pivot arm, the first sliding mechanism, and the second sliding mechanism [[overlap]] are positioned side-by-side along the plane parallel to the work surface of the work surface platform when the desktop workspace is in the fully lowered position.

26 (New): The desktop workspace of claim 7, wherein the base pivot arm is a first base pivot arm, the height adjustment mechanism further comprising:

a second base pivot arm; and

an element that connects the first base pivot arm to the second base pivot arm,

wherein the spring is attached to the element.

REMARKS

Claims 1–10 and 12–26 are pending, with claims 1, 7, 20, and 24 being independent. Claims 1, 7, 12, 20, 24 and 25 are amended. Claim 11 is canceled. Claim 26 is new.

All amendments and claim cancellations made herein are made solely for the purpose of expediating prosecution. However, to be clear, the amendments and claim cancellations made herein are made without prejudice. Applicant reserves the right to pursue embodiments or otherwise aspects of the canceled or otherwise amended claims in any future continuing application.

Applicant respectfully requests allowance of the currently pending claims for the following reasons:

Interview Summary

Applicant thanks Examiner Wilkens for her participation in a telephone interview with Applicant's representative, Dan Lund, Reg. No. 58,614 on December 11, 2024.

During the interview, Examiner Wilkens and Mr. Lund discussed the written description rejection, in particular, with respect to independent claim 1.

Examiner Wilkens suggested the claim language as shown in amended claim 1 would render the written description rejection moot.

No exhibits were introduced, no demonstrations were performed, and no further agreement was reached with respect to the claims.

Double Patenting

A terminal disclaimer is included with this submission. Accordingly, the double patenting rejection presented by the Office Action is moot.

Allowable Subject Matter

The Office Action did not include prior art rejections for claims 7, 11, 20 or 24. Accordingly, all the prior art rejections presented by the Office Action are moot.

Independent Claim	Reason for Allowability
1	Office Action (claim 11 incorporated into claim 1)
7	Office Action (amended to independent form)
20	Office Action (amended to independent form)
24	Office Action (amended to independent form)

CONCLUSION

All claims in this application are in condition for allowance. Applicant does not acquiesce to any statements presented by the Office Action unless expressly acknowledged herein. Applicant respectfully requests reconsideration and prompt allowance of all pending claims.

If all pending claims are not found allowable, Applicant requests the Examiner telephone the below-signed representative to discuss this application and expedite prosecution. For example, if some claims are found allowable, Applicant would like the opportunity to consider an Examiner's Amendment to place the application in immediate condition for allowance.

Date: December 13, 2024

By:
/Daniel T. Lund/
Daniel T. Lund, Reg. No. 58,614
Lund IP PLLC
Tel.: 651.968.0800
Customer No.: 155431

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P.O. Box 1450
Alexandria, VA 22313 - 1450
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TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING REJECTION OVER A PRIOR PATENT

APPLICATION #	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET #
18898549	**09/26/2024**	**Nathan Poniatowski**	**1001-001US29**

Title of Invention

DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY

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

Owner	Percent interest
Office Kick, Inc.	100%
Total	**100%**

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

Application #	Filing Date

as the term of any patent granted on said reference application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending reference application. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and any patent granted on the reference application are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.
In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term of any patent granted on said reference application, "as the term of any patent granted on said reference application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending reference application," in the event that any such patent granted on the pending reference application: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as shortened by any terminal disclaimer filed prior to its grant.

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

Patent #
10575630
11134774
11134773
11160367
11388989
11464325
11470959
11800927
11849843
11864654
11910926
11925264

11944196

11950699

11980289

12082695

12102229

as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.
In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:
• expires for failure to pay a maintenance fee;
• is held unenforceable;
• is found invalid by a court of competent jurisdiction;
• is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
• has all claims canceled by a reexamination certificate;
• is reissued; or
• is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.



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

Applicant claims the following entity status:
Small

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

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

Signature	Name	Registration #
/Daniel Lund/	Daniel Lund	58614

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

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ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
18/898,549	**12/13/2024 03:54:16 PM Z ET**	**1001-001US29**

Title of Invention

DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	1241	FILED BY	Daniel Lund
PATENT CENTER #	68367774	FILING DATE	09/26/2024
CUSTOMER #	155431	FIRST NAMED INVENTOR	Nathan Mark Poniatowski
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	-

Documents

TOTAL DOCUMENTS: 2

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
petition-request.pdf	4	Terminal Disclaimer-Filed (Electronic)	52 KB
grantLetter.pdf	1	Terminal Disclaimer-Electronic-Approved	18 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
petition-request.pdf	15499CD751512B66D7002149525B3420DC93C51D892CDCEE722ADC1F3D116FE0A9163611FCC2D0C90264640B2F035ED3CF97DFB597199B745B030A6810657A9A
grantLetter.pdf	50E9E0C8C91F8ED31D9B9970E33224BB9B5D571378842169E

3921574864EFB68EB31D0FE99CAB9F5CCD72A798ED4DA31F
4073A3A04EE535C33B7FB6E17E36CC9

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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APPROVAL LETTER

APPLICATION #	FILING DATE	APPLICANT/PATENT UNDER REEXAMINATION
18/898,549	09/26/2024	Nathan Poniatowski

Title of Invention

DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY

Electronic terminal disclaimer filed on 12/13/2024

☑ Approved

This patent is subject to a Terminal Disclaimer

Approved / Disapproved by: Electronic Terminal Disclaimer automatically approved

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ELECTRONIC PAYMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
18/898,549	**12/13/2024 03:54:16 PM Z ET**	**1001-001US29**

Title of Invention

DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	1241	FILED BY	Daniel Lund
PATENT CENTER #	68367774	AUTHORIZED BY	-
CUSTOMER #	155431	FILING DATE	09/26/2024
CORRESPONDENCE ADDRESS	-	FIRST NAMED INVENTOR	Nathan Mark Poniatowski

Payment Information

PAYMENT METHOD	PAYMENT TRANSACTION ID	PAYMENT AUTHORIZED BY
CARD / 2005	**E2024BCF54358519**	**Daniel Lund**

PRE-AUTHORIZED ACCOUNT	PRE-AUTHORIZED CATEGORY
602335	**37 CFR 1.16 (National application filing, search, and examination fees); 37 CFR 1.17 (Patent application and reexamination processing fees); 37 CFR 1.20 (Post Issuance fees); 37 CFR 1.21 (Miscellaneous fees and charges)**

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

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

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.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/898,549	09/26/2024	Nathan Mark Poniatowski	1001-001US29	1241

155431 7590 12/19/2024

Lund IP
1125 2nd Ave
Newport, MN 55055

EXAMINER
WILKENS, JANET MARIE

ART UNIT	PAPER NUMBER
3637	

NOTIFICATION DATE	DELIVERY MODE
12/19/2024	ELECTRONIC

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

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

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

eofficeaction@appcoll.com
info@lundip.com

Applicant-Initiated Interview Summary	**Application No.** 18/898,549	**Applicant(s)** Poniatowski, Nathan Mark		
	Examiner JANET M WILKENS	**Art Unit** 3637	**AIA (First Inventor to File) Status** Yes	**Page** 1 of 1

All Participants (applicant, applicants representative, PTO personnel)	**Title**	**Type**
JANET M WILKENS	Primary Examiner	Telephonic
Daniel Lund	Attorney	

Date of Interview: 11 December 2024

Issues Discussed:

35 U.S.C. 112

We discussed the 112 first paragraph rejection. In the Office action, the term "overlap" before side-by-side was stated as being new matter. Mr. Lund's intent was to broaden the language from the original "aligned" side-by-side. It was suggested to use "are positioned side-by-side" as acceptable broadened language. As with the filing of any amendment to the claims, further review and searching will be required.

☑ Attachment

	/JANET M WILKENS/ Primary Examiner, Art Unit 3637

Applicant is reminded that a complete written statement as to the substance of the interview must be made of record in the application file. It is the applicants responsibility to provide the written statement, unless the interview was initiated by the Examiner and the Examiner has indicated that a written summary will be provided. See MPEP 713.04
Please further see:
MPEP 713.04
Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews, paragraph (b)
37 CFR § 1.2 Business to be transacted in writing

Applicant recordation instructions: The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

Wilkens, Janet

From: Dan Lund <lund@lundip.com>
Sent: Wednesday, December 11, 2024 12:08 PM
To: Wilkens, Janet
Subject: Examiner Interview Request 18/898,549 (1001-001US29)

CAUTION: This email has originated from a source outside of USPTO. **PLEASE CONSIDER THE SOURCE** before responding, clicking on links, or opening attachments.

Recognizing that Internet communications are not secure, I hereby authorize the USPTO to communicate with the undersigned and practitioners in accordance with 37 CFR 1.33 and 37 CFR 1.34 concerning any subject matter of this application via video conferencing, instant messaging, or electronic mail. I understand that a copy of these communications will be made of record in the application file. (MPEP 502.03)

Application No.: 18/898,549
Filing Date: September 26, 2024
Title: DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY
Lund IP Docket No: 1001-001US29

Examiner Wilkens,

Are you available for a telephonic Examiner Interview in the above-referenced matter? I am generally available during working hours at 9:30am EST or later. I suggest either tomorrow (Thursday, Dec. 12) or Monday, Dec. 16th, but I am open to any time that works well for you.

The topic for discussion would be the written description rejection of claim 1. We believe we provide written description support for "overlap side-by-side along a plane parallel to a work surface," in the specification, such as paragraph [0047]:

> … Pivot arms, pivot points, and sliding elements are designed to fit compactly together when the desktop workspace is in a lowered position, as can be seen in FIG. 7,7B, and 10C. All elements align side-by-side in such a manner that when fully lowered the desktop workspace is very compact, looks sleek, and takes up minimal vertical space. The desktop workspace accomplishes such a compact state by having element 20 and 24 outside arm 16, which is outside arm 18, which is outside element 22. This arrangement of elements allows the elements' to not overlap when desktop workspace that adjusts vertically is in a fully lowered position providing a substantially compact state. The desktop workspace is not limited to specific elements or locations of elements to achieve the height adjustment motion that results in a compact design where elements do not overlap.

If agreement is not reached, I would like to discuss potential clarifying amendments that may be useful to overcome this rejection.

Sincerely,

Dan Lund

/Daniel T. Lund/
Reg. No. 58,614

Dan Lund
Patent Attorney, President
O: +1 651 968 0800
M: +1 651 331 9324

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Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/898,549	Poniatowski, Nathan Mark
	Examiner	**Art Unit**
	JANET M WILKENS	3637

CPC						
Symbol					**Type**	**Version**
A47B	/	9	/	16	F	2013-01-01
A47B	/	21	/	02	I	2013-01-01
A47B	/	21	/	0314	I	2013-01-01
A47B	/	21	/	04	I	2013-01-01
A47B	/	2021	/	0335	A	2013-01-01

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

NONE		**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	25	
/JANET M WILKENS/ Primary Examiner, Art Unit 3637	31 December 2024	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	2D

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/898,549	Poniatowski, Nathan Mark
	Examiner	**Art Unit**
	JANET M WILKENS	3637

INTERNATIONAL CLASSIFICATION				
CLAIMED				
A47B	/	9	/	16

NON-CLAIMED				
	/		/	

US ORIGINAL CLASSIFICATION	
CLASS	**SUBCLASS**

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

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 25	
/JANET M WILKENS/ Primary Examiner, Art Unit 3637 (Primary Examiner)	31 December 2024 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 2D

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/898,549	Poniatowski, Nathan Mark
	Examiner	**Art Unit**
	JANET M WILKENS	3637

☐ 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	1	9	10	17	19										
2	2		11	23	20										
3	3	10	12	18	21										
4	4	11	13	24	22										
5	5	12	14	19	23										
6	6	13	15	25	24										
21	7	14	16	20	25										
7	8	15	17	22	26										
8	9	16	18												

NONE		**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	25	
/JANET M WILKENS/ Primary Examiner, Art Unit 3637	31 December 2024	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	2D

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/898,549	Poniatowski, Nathan Mark
	Examiner	Art Unit
	JANET M WILKENS	3637

CPC - Searched*		
Symbol	**Date**	**Examiner**
A47B1/03;21/0314,00,02,03,04	11/12/2024	JMW
A47B9/16;2021/0321,0364,0335	11/12/2024	JMW
A47B3/02,0809,0815;2003/025	11/12/2024	JMW
A47B3/00;61/00	11/12/2024	JMW
updated search	12/31/2024	JMW

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

US Classification - Searched*			
Class	**Subclass**	**Date**	**Examiner**
312	208.1,223.3	11/12/2024	JMW
248	421,562,588,585,431,432,439	11/12/2024	JMW
108	147,144.11,145,93,96,116-118.120,43.138,50.01.50.02,28	11/12/2024	JMW
updated search		12/31/2024	JMW

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

Search Notes		
Search Notes	**Date**	**Examiner**
updated searches from parent cases	11/12/2024	JMW
updated searches	12/31/2024	JMW

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/898,549	Poniatowski, Nathan Mark
	Examiner	Art Unit
	JANET M WILKENS	3637

Interference Search			
US Class/CPC Symbol	**US Subclass/CPC Group**	**Date**	**Examiner**
A47B	1/03;21/0314,00,02,03,04	12/31/2024	JMW
A47B	9/16;2021/0321,0364,0335	12/31/2024	JMW
312	208.1,223.3	12/31/2024	JMW
248	421,562,588,585,431,432,439	12/31/2024	JMW
108	147,144.11,145,93,96,116-118.120,43.138,50.01.50.02,28	12/31/2024	JMW
A47B	3/02,0809,0815;2003/025	12/31/2024	JMW
A47B	3/00;61/00	12/31/2024	JMW

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/898,549	Poniatowski, Nathan Mark
	Examiner	Art Unit
	JANET M WILKENS	3637

✓	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	11/12/2024	12/31/2024							
1	1	✓	=							
2	2	✓	=							
3	3	✓	=							
4	4	✓	=							
5	5	✓	=							
6	6	✓	=							
21	7	✓	=							
7	8	✓	=							
8	9	✓	=							
9	10	✓	=							
	11	✓	-							
10	12	✓	=							
11	13	✓	=							
12	14	✓	=							
13	15	✓	=							
14	16	✓	=							
15	17	✓	=							
16	18	✓	=							
17	19	✓	=							
23	20	✓	=							
18	21	✓	=							
24	22	✓	=							
19	23	✓	=							
25	24	✓	=							
20	25	✓	=							
22	26		=							

Bibliographic Data

Application No: 18/898,549

Foreign Priority claimed: ○ Yes ◉ No

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

Verified and Acknowledged: /JANET M WILKENS/ Examiner's Signature | Initials

Title: DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
09/26/2024	108	3637	1001-001US29
RULE			

APPLICANTS

Office Kick, Inc., Boulder, CO, UNITED STATES

INVENTORS

Nathan Mark Poniatowski, St. Petersburg, FL, UNITED STATES

CONTINUING DATA

This application is a CON of 18481082 10/04/2023

18481082 is a CON of 17985137 11/10/2022 PAT 11910926

17985137 is a CON of 17493812 10/04/2021 PAT 11944196

17493812 is a CON of 16785647 02/09/2020 PAT 11134773

16785647 is a CON of 16372334 04/01/2019 PAT 10575630

16372334 is a DIV of 15628558 06/20/2017 PAT 10244861

15628558 is a DIV of 15004926 01/23/2016ABN

15004926 has PRO of 62107380 01/24/2015

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

10/04/2024

** **SMALL ENTITY** **

STATE OR COUNTRY

UNITED STATES

ADDRESS

Lund IP

1125 2nd Ave

Newport, MN 55055

UNITED STATES

FILING FEE RECEIVED

$2,600

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L1	20	((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/03/13 07:59 AM
L2	4	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH base).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/03/13 08:00 AM
L3	18	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH (cross ADJ beam) OR element).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/03/13 08:02 AM
L4	6	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH ((cross ADJ beam) OR element)).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/03/13 08:03 AM
L5	270	("11800927"|"2260695"|"4909159"|"5895020"|"6135546"|"0200057"|"0317468"|"0606845"|"0835247"|"10018298"|"10023355"|"10114352"|"10123613"|"10159336"|"10244861"|"10258148"|"10258149"|"10264877"|"10306977"|"10413055"|"10499730"|"10517390"|"10524565"|"10542817"|"10544019"|"10568416"|"10575630"|"10869549"|"10893748"|"11083282"|"11134773"|"11134774"|"11140977"|"11147366"|"11160367"|"11388989"|"11388991"|"11395544"|"11464325"|"11470959"|"1217772"|"1318564"|"20030042380"|"20030213415"|"20040035332"|"20040040480"|"20050029849"|"20050120922"|"20070001077"|"20070080564"|"20070266912"|"20070295882"|"20080000393"|"20090090832"|"20090145336"|"20090146389"|	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/13 08:16 AM

		"20090200437"|"20100 242174"|"20100257671 "|"20110001033"|"2011 0024958"|"2012006029 1"|"20120097822"|"201 20188302"|"201301459 72"|"20130193392"|"20 130199420"|"20130340 655"|"20140144352"|"2 0140158026"|"2014024 8114"|"20140339747"|" 20140360411"|"201500 28787"|"20150216296"| "20150231992"|"20150 232005"|"20150274038 "|"20150289641"|"2015 0368082"|"2015037589 6"|"20160051042"|"201 60060084"|"201601062 05"|"20160170402"|"20 160249737"|"20160258 573"|"20160260019"|"2 0160309889"|"2016033 8486"|"20160353880"|" 20170071332"|"201701 74486"|"20170196351"| "20170354245"|"20170 360192"|"20180008037 "|"20180055214"|"2018 0103752"|"2018012522 7"|"20180160799"|"201 80177289"|"201802139 29"|"20180255919"|"20 180279770"|"20180360 208"|"20190110588"|"2 0190183239"|"2019026 9237"|"20200029685"|" 20200107633"|"269280 7"|"2843418"|"2916340" |"2937003"|"3092918"|" 3110476"|"3152833"|"3 282566"|"3295800"|"34 04791"|"3444830"|"372 7245"|"3823915"|"3826 457"|"4072288"|"40979 41"|"4221280"|"424974 9"|"4382573"|"4403680" |"4433759"|"4448386"|" 4449262"|"4534544"|"4 549720"|"4558648"|"45 58847"|"4577821"|"461 1823"|"4625657"|"4640 488"|"4659052"|"47024 54"|"4709972"|"471711 2"|"4741512"|"4753419" |"4826123"|"4843978"|" 4899987"|"4941641"|"4 967672"|"4995130"|"50				

		37163"|"5048784"|"5074000"|"5211367"|"5251864"|"5257767"|"5294087"|"5400720"|"5460460"|"5580027"|"5588377"|"5588727"|"5626323"|"5632209"|"5694864"|"5695173"|"5722513"|"5729430"|"5765797"|"5823487"|"5829948"|"5836562"|"5926876"|"5957426"|"6076785"|"6098961"|"6148739"|"6176456"|"6179261"|"6220558"|"6269753"|"6273382"|"6381335"|"6488248"|"6516478"|"6533229"|"6533479"|"6550740"|"6672430"|"6701853"|"6702372"|"6722618"|"6742768"|"6792876"|"6857493"|"6938866"|"7048236"|"7188813"|"7204193"|"7207629"|"7246784"|"7568675"|"7575205"|"7677518"|"7793597"|"7841570"|"7845665"|"7946551"|"7950338"|"7988232"|"8015638"|"8132518"|"8303062"|"8469152"|"8490933"|"8544391"|"8671853"|"8684339"|"8800976"|"8931750"|"8950343"|"9049923"|"9055810"|"9113703"|"9133974"|"9133976"|"9232855"|"9326598"|"9440559"|"9480332"|"9504316"|"9554644"|"9668572"|"9681746"|"9809136"|"9815672"|"9854904"|"9955780"|"9961991"|"9981571"|"9993068"|"D302893"|"D830739"|"D832623"|"D845037"|"D854775"|"D870490"|"D901959").PN.					
L6	32	("2018/0279770").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/13 08:24 AM
L7	41	(Artificial Intelligence) More like doc: US-20180279770-A1 Text: (US-20210015249-A1 OR US-10791826-B2 OR CN-108685321-A	(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,	OR	ON	ON	2024/03/13 03:29 PM

		OR US-20190328129-A1 OR US-20170251806-A1 OR TW-201707611-A OR TW-I584763-B OR CN-106466054-A OR GB-2541517-A OR US-20170052517-A1 OR CN-112617399-A OR CN-112617399-B OR US-10649422-B2 OR US-10114352-B2 OR CN-107080358-A OR US-20190374024-A1 OR WO-2021103638-A1 OR US-11445817-B2 OR US-10842258-B2 OR US-11054797-B2).did.	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)				
L8	47	(Artificial Intelligence) Similar to: 18/481,077 with 0 CPC Selections and 0 Text Selections Text: (US-11147366-B1 OR US-11849843-B1 OR US-11134773-B1 OR US-11800927-B1 OR US-10244861-B1 OR US-10568416-B1 OR US-11160367-B1 OR US-10575630-B1 OR US-11388989-B1 OR US-11470959-B1 OR US-11134774-B1 OR US-11464325-B1 OR US-11140977-B1 OR US-10893748-B1 OR US-11388991-B1 OR US-11395544-B1 OR US-8671853-B2 OR AU-2019469836-A1 OR EP-4041030-A1 OR WO-2021069852-A1 OR US-20220369806-A1 OR CN-114667088-A OR US-20150216296-A1 OR US-20130014674-A1 OR AU-2012381034-B2 OR CA-2814945-C OR JP-2023502848-A OR AU-2012381034-A1 OR US-20180213929-A1 OR US-10524565-B2 OR US-20100308188-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/03/18 06:41 AM

		A1 OR EP-2685867-B1 OR US-9504316-B1 OR AU-2012381034-C1 OR WO-2017184206-A1 OR JP-2017511246-A OR US-20140144352-A1 OR CN-111642896-A OR AU-2017101717-A4 OR CA-2668355-A1 OR AU-2015247798-A1 OR EP-3420852-A1 OR EP-3131437-A2 OR WO-2015160825-A2 OR US-20150289641-A1 OR CN-106793868-B OR US-20160120300-A1 OR GB-2575456-A OR US-20200221864-A1 OR US-20160278515-A1).did.					
L9	179	A47B1/03;21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 06:45 AM
L10	179	A47B1/03.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 06:45 AM
L11	41	(Artificial Intelligence) More like doc: KR-20220096670-A Text: (KR-101876121-B1 OR KR-100597370-B1 OR US-5653502-A OR EP-0708215-A1 OR GB-2293319-A OR KR-20210036032-A OR US-7017976-B1 OR US-20060076792-A1 OR JP-3407907-B2 OR NL-1044366-B1 OR WO-9530813-A1 OR GB-2050962-A OR JP-2778464-B2 OR JP-2996352-B2 OR US-20120175909-A1 OR JP-2004516189-A OR	(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	2024/03/18 06:59 AM

		GB-2428220-A OR JP-H04179780-A OR US-7156462-B2 OR CN-109152484-A).did.					
L12	4454	A47B21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 07:09 AM
L13	871	A47B21/0314,00,02,03,04.cpc. AND spring WITH base	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 07:09 AM
L14	282	("0200057" | "0317468" | "0606845" | "0835247" | "1217772" | "1318564" | "2260695" | "2692807" | "2843418" | "2916340" | "2937003" | "3092918" | "3110476" | "3152833" | "3282566" | "3295800" | "3404791" | "3444830" | "3727245" | "3823915" | "3826457" | "4072288" | "4097941" | "4221280" | "4249749" | "4382573" | "4403680" | "4433759" | "4448386" | "4449262" | "4534544" | "4549720" | "4558648" | "4558847" | "4577821" | "4611823" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4899987" | "4909159" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5074000" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5460460" | "5580027" | "5588377" | "5588727" | "5626323" | "5632209" | "5694864" | "5695173" | "5722513" | "5729430" | "5765797" | "5823487" | "5829948" | "5836562"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/18 07:10 AM

		| "5895020" | "5926876" | "5957426" | "6076785" | "6098961" | "6135546" | "6148739" | "6176456" | "6179261" | "6220558" | "6269753" | "6273382" | "6381335" | "6488248" | "6516478" | "6533229" | "6533479" | "6550740" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7568675" | "7575205" | "7677518" | "D622350" | "7793597" | "7841570" | "7845665" | "7946551" | "7950338" | "7988232" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8800976" | "8931750" | "8950343" | "9049923" | "9055810" | "9113703" | "9133974" | "9133976" | "9232855" | "9326598" | "9440559" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9961991" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "D832623" | "10123613" | "10159336" | "D841014" | "D845037" | "D845678" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10405647" | "10413055" | "D862936" | "10485336" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959"				

		| "10849424" | "10869549" | "10893748" | "11058217" | "11083282" | "11134773" | "11134774" | "11140977" | "11147366" | "11160367" | "11219307" | "11388989" | "11388991" | "11395544" | "11464325" | "11470959" | "11717080" | "11771218" | "11800927" | "20030042380" | "20030213415" | "20040035332" | "20040040480" | "20050029849" | "20050120922" | "20070001077" | "20070080564" | "20070266912" | "20070295882" | "20080000393" | "20090090832" | "20090145336" | "20090146389" | "20090200437" | "20100242174" | "20100257671" | "20110001033" | "20110024958" | "20120060291" | "20120097822" | "20120188302" | "20130145972" | "20130193392" | "20130199420" | "20130340655" | "20140144352" | "20140158026" | "20140248114" | "20140339747" | "20140360411" | "20150028787" | "20150216296" | "20150231992" | "20150232005" | "20150274038" | "20150289641" | "20150368082" | "20150375896" |				

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L15	38	("2531880" | "3938766" | "4637322" | "5005492" | "5746138" | "5996961" | "9504316" | "9615655" | "9635929" | "9681746" | "20060037518" | "20080203865" | "20090095874" | "20130139736" | "20150289641" | "20160084432" | "20170196351" | "20170290413").pn. OR ("9961991").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/18 09:34 AM
L16	888	A47B9/16.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2024/03/18 10:12 AM

			IBM_TDB)				
L17	784	A47B2021/0321,0364,0335.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 01:58 PM
L18	575	A47B3/00.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 02:05 PM
L19	1209	A47B61/00.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 05:22 PM
L20	1171	A47B3/02,0809,0815.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 05:26 PM
L21	165	A47B2003/025.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 05:38 PM
L22	284	312/208.1,223.3.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/18 05:40 PM
L23	1540	248/421,562,588,585,431432,439.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO;	OR	ON	ON	2024/03/18 05:42 PM

			JPO; DERWENT; IBM_TDB)				
L24	12	("10405647"|"10485336"|"10849424"|"11058217"|"11219307"|"11717080"|"11771218"|"20230329430"|"D622350"|"D841014"|"D845678"|"D862936").PN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/19 07:44 AM
L25	11	"20180279770"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/19 08:13 AM
L26	154	"7677518"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/19 08:39 AM
L27	12	"20180279770"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/19 09:21 AM
L28	269	("0200057" | "0317468" | "0606845" | "0835247" | "1217772" | "1318564" | "2692807" | "2843418" | "2916340" | "2937003" | "3092918" | "3110476" | "3152833" | "3282566" | "3295800" | "3404791" | "3444830" | "3727245" | "3823915" | "3826457" | "4072288" | "4097941" | "4221280" | "4249749" | "4382573" | "4403680" | "4433759" | "4448386" | "4449262" | "4534544" | "4549720" | "4558648" | "4558847" | "4577821" | "4611823" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4899987" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5074000" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/19 09:22 AM

		| "5460460" | "5580027" | "5588377" | "5588727" | "5626323" | "5632209" | "5694864" | "5695173" | "5722513" | "5729430" | "5765797" | "5823487" | "5829948" | "5836562" | "5926876" | "5957426" | "6076785" | "6098961" | "6148739" | "6176456" | "6179261" | "6220558" | "6269753" | "6273382" | "6381335" | "6488248" | "6516478" | "6533229" | "6533479" | "6550740" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7568675" | "7575205" | "7677518" | "7793597" | "7841570" | "7845665" | "7946551" | "7950338" | "7988232" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8800976" | "8931750" | "8950343" | "9049923" | "9055810" | "9113703" | "9133974" | "9133976" | "9232855" | "9326598" | "9440559" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9961991" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "D832623" | "10123613" | "10159336" | "D845037" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10413055" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" |					

		"10568416"	 "10575630" | "D901959" | "10869549" | "10893748" | "11083282" | "11134773" | "11134774" | "11140977" | "11147366" | "11160367" | "11388989" | "11388991" | "11395544" | "11464325" | "11470959" | "20030042380" | "20030213415" | "20040035332" | "20040040480" | "20050029849" | "20050120922" | "20070001077" | "20070080564" | "20070266912" | "20070295882" | "20080000393" | "20090090832" | "20090145336" | "20090146389" | "20090200437" | "20100242174" | "20100257671" | "20110001033" | "20110024958" | "20120060291" | "20120097822" | "20120188302" | "20130145972" | "20130193392" | "20130199420" | "20130340655" | "20140144352" | "20140158026" | "20140248114" | "20140339747" | "20140360411" | "20150028787" | "20150216296" | "20150231992" | "20150232005" | "20150274038" | "20150289641" | "20150368082" | "20150375896" | "20160051042" | "20160060084" | "20160106205" | "20160170402" |				

		"20160249737" | "20160258573" | "20160260019" | "20160309889" | "20160338486" | "20160353880" | "20170071332" | "20170174486" | "20170196351" | "20170354245" | "20170360192" | "20180008037" | "20180055214" | "20180103752" | "20180125227" | "20180160799" | "20180177289" | "20180213929" | "20180255919" | "20180279770" | "20180360208" | "20190110588" | "20190183239" | "20190269237" | "20200029685" | "20200107633").pn. OR ("11800927").urpn. AND (PGPB | USPT | USOC).dbnm.					
L29	20	("2016/0249737").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/19 09:29 AM
L30	4	("2014/0248114").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/19 09:33 AM
L31	32	("2018/0279770").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/19 09:35 AM
L32	40	(Artificial Intelligence) More like doc: US-11388989-B1 Text: (US-11134773-B1 OR US-11470959-B1 OR US-10575630-B1 OR US-11464325-B1 OR US-11160367-B1 OR US-11864654-B1 OR US-11800927-B1 OR US-10244861-B1 OR US-11849843-B1 OR US-11910926-B1 OR US-11134774-B1 OR US-11140977-B1 OR US-11857073-B1 OR US-11147366-B1 OR	(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	2024/03/19 09:36 AM

		US-10568416-B1 OR US-10893748-B1 OR US-11388991-B1 OR US-11395544-B1 OR US-20180177289-A1 OR US-20130014674-A1).did.					
L33	167	("1318564" | "2843418" | "2937003" | "3295800" | "3823915" | "3826457" | "4221280" | "4448386" | "4449262" | "4549720" | "4558648" | "4577821" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5588377" | "5626323" | "5722513" | "5765797" | "5829948" | "5836562" | "5926876" | "5957426" | "6076785" | "6098961" | "6148739" | "6176456" | "6179261" | "6269753" | "6273382" | "6488248" | "6516478" | "6533229" | "6533479" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7575205" | "7677518" | "7841570" | "7845665" | "7946551" | "7950338" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8931750" | "8950343" | "9049923" | "9055810" | "9232855" | "9326598" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/19 09:36 AM

		| "10114352" | "10123613" | "D845037" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10413055" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959" | "10869549" | "10893748" | "11083282" | "11134773" | "11134774" | "11140977" | "11147366" | "11160367" | "20030042380" | "20030213415" | "20050120922" | "20070001077" | "20070080564" | "20070266912" | "20080000393" | "20090145336" | "20100242174" | "20120097822" | "20120188302" | "20130193392" | "20140144352" | "20150028787" | "20150216296" | "20150289641" | "20160249737" | "20160338486" | "20160353880" | "20170071332" | "20170196351" | "20170354245" | "20180125227" | "20180177289" | "20180213929" | "20180279770" | "20190110588" | "20190183239" | "20190269237" | "20200029685" | "20200107633").pn. OR ("11388989").urpn. AND (PGPB | USPT | USOC).dbnm.					

L34	20	(((“PONIATOWSKI”) near3 (“Nathan”))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/03/22 01:56 PM
L35	4	(((“PONIATOWSKI”) near3 (“Nathan”))).INV. AND (spring WITH attached WITH base).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/03/22 01:56 PM
L36	18	(((“PONIATOWSKI”) near3 (“Nathan”))).INV. AND (spring WITH attached WITH (cross ADJ beam) OR element).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/03/22 01:56 PM
L37	6	(((“PONIATOWSKI”) near3 (“Nathan”))).INV. AND (spring WITH attached WITH ((cross ADJ beam) OR element)).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/03/22 01:56 PM
L38	270	(“11800927”|“2260695”|“4909159”|“5895020”|“6135546”|“0200057”|“0317468”|“0606845”|“0835247”|“10018298”|“10023355”|“10114352”|“10123613”|“10159336”|“10244861”|“10258148”|“10258149”|“10264877”|“10306977”|“10413055”|“10499730”|“10517390”|“10524565”|“10542817”|“10544019”|“10568416”|“10575630”|“10869549”|“10893748”|“11083282”|“11134773”|“11134774”|“11140977”|“11147366”|“11160367”|“11388989”|“11388991”|“11395544”|“11464325”|“11470959”|“1217772”|“1318564”|“20030042380”|“20030213415”|“20040035332”|“20040040480”|“20050029849”|“20050120922”|“20070001077”|“20070080564”|“20070266912”|“20070295882”|“20080000393”|“20090090832”|“20090145336”|“20090146389”|“20090200437”|“20100242174”|“20100257671”|“20110001033”|“20110024958”|“20120060291”|“20120097822”|“201	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/22 01:56 PM

		20188302"|"201301459 72"|"20130193392"|"20 130199420"|"20130340 655"|"20140144352"|"2 0140158026"|"2014024 8114"|"20140339747"|" 20140360411"|"201500 28787"|"20150216296"| "20150231992"|"20150 232005"|"20150274038 "|"20150289641"|"2015 0368082"|"2015037589 6"|"20160051042"|"201 60060084"|"201601062 05"|"20160170402"|"20 160249737"|"20160258 573"|"20160260019"|"2 0160309889"|"2016033 8486"|"20160353880"|" 20170071332"|"201701 74486"|"20170196351"| "20170354245"|"20170 360192"|"20180008037 "|"20180055214"|"2018 0103752"|"2018012522 7"|"20180160799"|"201 80177289"|"201802139 29"|"20180255919"|"20 180279770"|"20180360 208"|"20190110588"|"2 0190183239"|"2019026 9237"|"20200029685"|" 20200107633"|"269280 7"|"2843418"|"2916340" |"2937003"|"3092918"|" 3110476"|"3152833"|"3 282566"|"3295800"|"34 04791"|"3444830"|"372 7245"|"3823915"|"3826 457"|"4072288"|"40979 41"|"4221280"|"424974 9"|"4382573"|"4403680" |"4433759"|"4448386"|" 4449262"|"4534544"|"4 549720"|"4558648"|"45 58847"|"4577821"|"461 1823"|"4625657"|"4640 488"|"4659052"|"47024 54"|"4709972"|"471711 2"|"4741512"|"4753419" |"4826123"|"4843978"|" 4899987"|"4941641"|"4 967672"|"4995130"|"50 37163"|"5048784"|"507 4000"|"5211367"|"5251 864"|"5257767"|"52940 87"|"5400720"|"546046 0"|"5580027"|"5588377"					

		|"5588727"|"5626323"|"5632209"|"5694864"|"5695173"|"5722513"|"5729430"|"5765797"|"5823487"|"5829948"|"5836562"|"5926876"|"5957426"|"6076785"|"6098961"|"6148739"|"6176456"|"6179261"|"6220558"|"6269753"|"6273382"|"6381335"|"6488248"|"6516478"|"6533229"|"6533479"|"6550740"|"6672430"|"6701853"|"6702372"|"6722618"|"6742768"|"6792876"|"6857493"|"6938866"|"7048236"|"7188813"|"7204193"|"7207629"|"7246784"|"7568675"|"7575205"|"7677518"|"7793597"|"7841570"|"7845665"|"7946551"|"7950338"|"7988232"|"8015638"|"8132518"|"8303062"|"8469152"|"8490933"|"8544391"|"8671853"|"8684339"|"8800976"|"8931750"|"8950343"|"9049923"|"9055810"|"9113703"|"9133974"|"9133976"|"9232855"|"9326598"|"9440559"|"9480332"|"9504316"|"9554644"|"9668572"|"9681746"|"9809136"|"9815672"|"9854904"|"9955780"|"9961991"|"9981571"|"9993068"|"D302893"|"D830739"|"D832623"|"D845037"|"D854775"|"D870490"|"D901959").PN.					
L39	32	("2018/0279770").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/22 01:56 PM
L40	39	(Artificial Intelligence) More like doc: US-20180279770-A1 Text: (US-20210015249-A1 OR US-10791826-B2 OR CN-108685321-A OR US-20170251806-A1 OR DE-102021115102-A1 OR WO-2021103638-A1 OR US-10568418-B2	(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,	OR	ON	ON	2024/03/22 01:56 PM

		OR US-20200196747-A1 OR US-10869547-B2 OR CN-116098400-A OR KR-200321897-Y1 OR US-20200089361-A1 OR US-10760783-B2 OR EP-3188619-B1 OR GB-2512646-A OR EP-3188619-A1 OR US-10278517-B2 OR US-20170258246-A1 OR US-9681759-B2 OR US-20160058206-A1).did.	TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L41	47	(Artificial Intelligence) Similar to: 18/481,077 with 0 CPC Selections and 0 Text Selections Text: (US-11147366-B1 OR US-11849843-B1 OR US-11134773-B1 OR US-11800927-B1 OR US-10244861-B1 OR US-10568416-B1 OR US-11160367-B1 OR US-10575630-B1 OR US-11388989-B1 OR US-11470959-B1 OR US-11134774-B1 OR US-11464325-B1 OR US-11140977-B1 OR US-10893748-B1 OR US-11388991-B1 OR US-11395544-B1 OR US-8671853-B2 OR AU-2019469836-A1 OR EP-4041030-A1 OR WO-2021069852-A1 OR US-20220369806-A1 OR CN-114667088-A OR US-20150216296-A1 OR US-20130014674-A1 OR AU-2012381034-B2 OR CA-2814945-C OR JP-2023502848-A OR AU-2012381034-A1 OR US-20180213929-A1 OR US-10524565-B2 OR US-20100308188-A1 OR EP-2685867-B1 OR US-9504316-B1 OR AU-2012381034-C1 OR WO-2017184206-A1	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/03/22 01:56 PM

		OR JP-2017511246-A OR US-20140144352-A1 OR CN-111642896-A OR AU-2017101717-A4 OR CA-2668355-A1 OR AU-2015247798-A1 OR EP-3420852-A1 OR EP-3131437-A2 OR WO-2015160825-A2 OR US-20150289641-A1 OR CN-106793868-B OR US-20160120300-A1 OR GB-2575456-A OR US-20200221864-A1 OR US-20160278515-A1).did.					
L42	179	A47B1/03;21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/22 01:56 PM
L43	179	A47B1/03.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/22 01:56 PM
L44	39	(Artificial Intelligence) More like doc: KR-20220096670-A Text: (KR-101876121-B1 OR KR-100597370-B1 OR US-5653502-A OR EP-0708215-A1 OR GB-2293319-A OR KR-20210036032-A OR US-7017976-B1 OR US-20060076792-A1 OR JP-3407907-B2 OR NL-1044366-B1 OR WO-9530813-A1 OR GB-2050962-A OR JP-2778464-B2 OR KR-20180137709-A OR JP-2996352-B2 OR US-20120175909-A1 OR KR-102554681-B1 OR JP-2004516189-A OR KR-20210027397-A OR GB-2428220-A).did.	(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	2024/03/22 01:56 PM

L45	4454	A47B21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/22 01:56 PM
L46	871	A47B21/0314,00,02,03,04.cpc. AND spring WITH base	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/22 01:56 PM
L47	282	("0200057" | "0317468" | "0606845" | "0835247" | "1217772" | "1318564" | "2260695" | "2692807" | "2843418" | "2916340" | "2937003" | "3092918" | "3110476" | "3152833" | "3282566" | "3295800" | "3404791" | "3444830" | "3727245" | "3823915" | "3826457" | "4072288" | "4097941" | "4221280" | "4249749" | "4382573" | "4403680" | "4433759" | "4448386" | "4449262" | "4534544" | "4549720" | "4558648" | "4558847" | "4577821" | "4611823" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4899987" | "4909159" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5074000" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5460460" | "5580027" | "5588377" | "5588727" | "5626323" | "5632209" | "5694864" | "5695173" | "5722513" | "5729430" | "5765797" | "5823487" | "5829948" | "5836562" | "5895020" | "5926876" | "5957426" | "6076785" | "6098961" | "6135546" | "6148739" | "6176456"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/22 01:56 PM

		| "6179261" | "6220558" | "6269753" | "6273382" | "6381335" | "6488248" | "6516478" | "6533229" | "6533479" | "6550740" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7568675" | "7575205" | "7677518" | "D622350" | "7793597" | "7841570" | "7845665" | "7946551" | "7950338" | "7988232" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8800976" | "8931750" | "8950343" | "9049923" | "9055810" | "9113703" | "9133974" | "9133976" | "9232855" | "9326598" | "9440559" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9961991" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "D832623" | "10123613" | "10159336" | "D841014" | "D845037" | "D845678" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10405647" | "10413055" | "D862936" | "10485336" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959" | "10849424" | "10869549" | "10893748" | "11058217" |					

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L49	888	A47B9/16.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/22 01:56 PM
L50	784	A47B2021/0321,0364,0335.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD,	OR	ON	ON	2024/03/22 01:56 PM

			DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L51	575	A47B3/00.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/22 01:56 PM
L52	1210	A47B61/00.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/22 01:56 PM
L53	1171	A47B3/02,0809,0815.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/22 01:56 PM
L54	165	A47B2003/025.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/22 01:56 PM
L55	284	312/208.1,223.3.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/22 01:56 PM
L56	1540	248/421,562,588,585,431432,439.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/22 01:56 PM
L57	12	("10405647"|"10485336"|"10849424"|"1105821	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/22 01:56 PM

		7"|"11219307"|"11717080"|"11771218"|"20230329430"|"D622350"|"D841014"|"D845678"|"D862936").PN.					
L58	11	"20180279770"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/22 01:56 PM
L59	154	"7677518"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/22 01:56 PM
L60	12	"20180279770"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/03/22 01:56 PM
L61	269	("0200057" | "0317468" | "0606845" | "0835247" | "1217772" | "1318564" | "2692807" | "2843418" | "2916340" | "2937003" | "3092918" | "3110476" | "3152833" | "3282566" | "3295800" | "3404791" | "3444830" | "3727245" | "3823915" | "3826457" | "4072288" | "4097941" | "4221280" | "4249749" | "4382573" | "4403680" | "4433759" | "4448386" | "4449262" | "4534544" | "4549720" | "4558648" | "4558847" | "4577821" | "4611823" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4899987" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5074000" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5460460" | "5580027" | "5588377" | "5588727" | "5626323" | "5632209" | "5694864" | "5695173"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/22 01:56 PM

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L62	20	("2016/0249737").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/22 01:56 PM
L63	4	("2014/0248114").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/22 01:56 PM
L64	32	("2018/0279770").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/22 01:56 PM
L65	40	(Artificial Intelligence) More like doc: US-11388989-B1 Text: (US-11134773-B1 OR US-11470959-B1 OR US-10575630-B1 OR US-11464325-B1 OR US-11160367-B1 OR US-11864654-B1 OR US-11800927-B1 OR US-10244861-B1 OR US-11849843-B1 OR US-11910926-B1 OR US-11134774-B1 OR US-11140977-B1 OR US-11857073-B1 OR US-11147366-B1 OR US-10568416-B1 OR US-10893748-B1 OR US-11388991-B1 OR US-11395544-B1 OR	(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	2024/03/22 01:56 PM

		US-20180177289-A1 OR US-20130014674-A1).did.					
L66	167	("1318564" | "2843418" | "2937003" | "3295800" | "3823915" | "3826457" | "4221280" | "4448386" | "4449262" | "4549720" | "4558648" | "4577821" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5588377" | "5626323" | "5722513" | "5765797" | "5829948" | "5836562" | "5926876" | "5957426" | "6076785" | "6098961" | "6148739" | "6176456" | "6179261" | "6269753" | "6273382" | "6488248" | "6516478" | "6533229" | "6533479" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7575205" | "7677518" | "7841570" | "7845665" | "7946551" | "7950338" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8931750" | "8950343" | "9049923" | "9055810" | "9232855" | "9326598" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "10123613" | "D845037" | "10244861" | "10258148" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/03/22 01:56 PM

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L67	6568	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR,	OR	ON	ON	2024/03/22 06:47 PM

			GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L68	43	(Artificial Intelligence) Similar to: 17/959,274 with 0 CPC Selections and 0 Text Selections Text: (US-11849843-B1 OR US-11134773-B1 OR US-11800927-B1 OR US-11388989-B1 OR US-11470959-B1 OR US-11160367-B1 OR US-10568416-B1 OR US-10575630-B1 OR US-11147366-B1 OR US-11134774-B1 OR US-11464325-B1 OR US-10244861-B1 OR US-11140977-B1 OR US-10893748-B1 OR US-11388991-B1 OR US-11395544-B1 OR WO-2021069852-A1 OR EP-4041030-A1 OR CN-114667088-A OR AU-2019469836-A1 OR US-20220369806-A1 OR US-20150216296-A1 OR US-20100308188-A1 OR JP-2023502848-A OR US-20130014674-A1 OR CA-2668355-A1 OR US-10271639-B2 OR US-20170127821-A1 OR CA-2948266-A1 OR EP-3360440-A1 OR AU-2017101717-A4 OR TW-M539854-U OR US-20180213929-A1 OR US-10524565-B2 OR CN-111642896-A OR CA-2860970-A1 OR JP-2017511246-A OR MX-PA00012060-A OR EP-3420852-A1 OR US-20140144352-A1 OR DE-10249623-A1 OR EP-2842458-B1 OR AU-2014216002-A1 OR GB-2261368-A OR AU-659918-B2 OR CN-106793868-B OR EP-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/03/22 08:05 PM

		3131437-A2 OR WO-2015160825-A2 OR US-20150289641-A1 OR US-20160120300-A1).did.					
L69	20	((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/03/22 08:06 PM
L70	148	("4691886" | "4729533" | "5037054" | "5044284" | "5174223" | "5200859" | "5287815" | "5405204" | "5445353" | "5564668" | "5636711" | "D393382" | "5829948" | "5938622" | "5961231" | "6286812" | "6585214" | "6736469" | "6905102" | "7111825" | "7383786").pn. OR ("7677518").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/06/19 04:11 PM
L71	64	("1714244" | "2624535" | "2843418" | "4405116" | "4477045" | "4640488" | "4651652" | "4753419" | "5174223" | "5211367" | "5224429" | "5722513" | "5729430" | "5833198" | "5957426" | "6286629" | "6336627" | "6516478" | "7246784" | "7677518" | "D660308" | "8424883" | "8662477" | "8839723" | "8947215" | "8967057" | "9113703" | "9277809" | "9486070" | "9554644" | "20050147181" | "20070034125" | "20090078167" | "20120248263" | "20140096706" | "20150014609").pn. OR ("10114352").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/06/20 09:04 AM
L72	23	((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/20 11:23 AM
L73	5	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND handle.clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/20 11:23 AM
L74	2	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND motor.clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/20 11:25 AM

L75	290	("11849843"|"11910926"|"0200057"|"0317468"|"0606845"|"0835247"|"10018298"|"10023355"|"10114352"|"10123613"|"10159336"|"10244861"|"10258148"|"10258149"|"10264877"|"10306977"|"10405647"|"10413055"|"10485336"|"10499730"|"10517390"|"10524565"|"10542817"|"10544019"|"10568416"|"10575630"|"10849424"|"10869549"|"10893748"|"11058217"|"11083282"|"11134773"|"11134774"|"11140977"|"11147366"|"11160367"|"11219307"|"11388989"|"11388991"|"11395544"|"11464325"|"11470959"|"11717080"|"11771218"|"11800927"|"11857073"|"11864654"|"11925264"|"11944196"|"11950699"|"11980289"|"1217772"|"1318564"|"20030042380"|"20030213415"|"20040035332"|"20040040480"|"20050029849"|"20050120922"|"20070001077"|"20070080564"|"20070266912"|"20070295882"|"20080000393"|"20090090832"|"20090145336"|"20090146389"|"20090200437"|"20100242174"|"20100257671"|"20110001033"|"20110024958"|"20120060291"|"20120097822"|"20120188302"|"20130145972"|"20130193392"|"20130199420"|"20130340655"|"20140144352"|"20140158026"|"20140248114"|"20140339747"|"20140360411"|"20150028787"|"20150216296"|"20150231992"|"20150232005"|"20150274038"|"20150289641"|"20150368082"|"20150375896"|"20160051042"|"20160060084"|"20160106205"|"20160170402"|"20160249737"|"20160258	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/06/20 01:02 PM

		573"|"20160260019"|"2 0160309889"|"2016033 8486"|"20160353880"|" 20170071332"|"201701 74486"|"20170196351"| "20170354245"|"20170 360192"|"20180008037 "|"20180055214"|"2018 0103752"|"2018012522 7"|"20180160799"|"201 80177289"|"201802139 29"|"20180255919"|"20 180279770"|"20180360 208"|"20190110588"|"2 0190183239"|"2019026 9237"|"20200029685"|" 20200107633"|"202303 29430"|"2260695"|"269 2807"|"2843418"|"2916 340"|"2937003"|"30929 18"|"3110476"|"315283 3"|"3282566"|"3295800" |"3404791"|"3444830"|" 3727245"|"3823915"|"3 826457"|"4072288"|"40 97941"|"4221280"|"424 9749"|"4382573"|"4403 680"|"4433759"|"44483 86"|"4449262"|"453454 4"|"4549720"|"4558648" |"4558847"|"4577821"|" 4611823"|"4625657"|"4 640488"|"4659052"|"47 02454"|"4709972"|"471 7112"|"4741512"|"4753 419"|"4826123"|"48439 78"|"4899987"|"490915 9"|"4941641"|"4967672" |"4995130"|"5037163"|" 5048784"|"5074000"|"5 211367"|"5251864"|"52 57767"|"5294087"|"540 0720"|"5460460"|"5580 027"|"5588377"|"55887 27"|"5626323"|"563220 9"|"5694864"|"5695173" |"5722513"|"5729430"|" 5765797"|"5823487"|"5 829948"|"5836562"|"58 95020"|"5926876"|"595 7426"|"6076785"|"6098 961"|"6135546"|"61487 39"|"6176456"|"617926 1"|"6220558"|"6269753" |"6273382"|"6381335"|" 6488248"|"6516478"|"6 533229"|"6533479"|"65 50740"|"6672430"|"670					

		1853"|"6702372"|"6722618"|"6742768"|"6792876"|"6857493"|"6938866"|"7048236"|"7188813"|"7204193"|"7207629"|"7246784"|"7568675"|"7575205"|"7677518"|"7793597"|"7841570"|"7845665"|"7946551"|"7950338"|"7988232"|"8015638"|"8132518"|"8303062"|"8469152"|"8490933"|"8544391"|"8671853"|"8684339"|"8800976"|"8931750"|"8950343"|"9049923"|"9055810"|"9113703"|"9133974"|"9133976"|"9232855"|"9326598"|"9440559"|"9480332"|"9504316"|"9554644"|"9668572"|"9681746"|"9809136"|"9815672"|"9854904"|"9955780"|"9961991"|"9981571"|"9993068"|"D302893"|"D622350"|"D830739"|"D832623"|"D841014"|"D845037"|"D845678"|"D854775"|"D862936"|"D870490"|"D901959").PN.					
L76	83	("1234569" | "1318564" | "2156148" | "2630359" | "4926760" | "5497706" | "5588377" | "5833200" | "6182935" | "6701853" | "7849789" | "8015638" | "8544391" | "8936306").pn. OR ("9326598").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/06/20 01:19 PM
L77	31	"9480332"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/06/20 01:51 PM
L78	97	"4577821"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/06/20 03:42 PM

L79	1597	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/06/20 03:56 PM
L80	82	"9326598"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/06/20 04:41 PM
L81	82	"9326598"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/06/21 09:04 AM
L82	16	"20180279770"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/01 09:00 AM
L83	13	"20120188302"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/01 09:30 AM
L84	50	(Artificial Intelligence) Similar to: 18/481,077 with 0 CPC Selections and 0 Text Selections Text: (US-11925264-B1 OR US-11849843-B1 OR US-11857073-B1 OR US-11147366-B1 OR US-11950699-B1 OR US-11134773-B1 OR US-11800927-B1 OR US-10244861-B1 OR US-10568416-B1 OR US-11388989-B1 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/07/01 01:20 PM

		US-11160367-B1 OR US-11944196-B1 OR US-11910926-B1 OR US-10575630-B1 OR US-11470959-B1 OR US-11864654-B1 OR US-11134774-B1 OR US-11980289-B1 OR US-11464325-B1 OR US-11140977-B1 OR US-10893748-B1 OR US-11388991-B1 OR US-11395544-B1 OR US-8671853-B2 OR AU-2023219957-A1 OR WO-2021069852-A1 OR US-20220369806-A1 OR US-20150216296-A1 OR CN-114667088-A OR US-11918104-B2 OR US-20130014674-A1 OR CA-2814945-C OR AU-2012381034-B2 OR AU-2012381034-A1 OR EP-4041030-B1 OR JP-2023502848-A OR US-20100308188-A1 OR US-20180213929-A1 OR US-10524565-B2 OR JP-2017511246-A OR US-20240065432-A1 OR CA-2668355-A1 OR EP-2685867-B1 OR US-11950698-B2 OR AU-2012381034-C1 OR AU-2017101717-A4 OR CN-111642896-A OR CN-117617674-A OR US-9504316-B1 OR AU-2015247798-A1).did.					
L85	264	("10018298"|"10023355"|"10114352"|"10123613"|"10159336"|"10244861"|"10258148"|"10258149"|"10264877"|"10306977"|"10413055"|"10499730"|"10517390"|"10524565"|"10542817"|"10544019"|"10568416"|"10575630"|"10869549"|"10893748"|"11083282"|"11134773"|"11134774"|"11140977"|"11147366"|"11160367"|"11388989"|"11388991"|"11395	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/01 01:22 PM

		544"|"11464325"|"1147 0959"|"1217772"|"1318 564"|"0200057"|"20030 042380"|"20030213415 "|"20040035332"|"2004 0040480"|"2005002984 9"|"20050120922"|"200 70001077"|"200700805 64"|"20070266912"|"20 070295882"|"20080000 393"|"20090090832"|"2 0090145336"|"2009014 6389"|"20090200437"|" 20100242174"|"201002 57671"|"20110001033"| "20110024958"|"20120 060291"|"20120097822 "|"20120188302"|"2013 0145972"|"2013019339 2"|"20130199420"|"201 30340655"|"201401443 52"|"20140158026"|"20 140248114"|"20140339 747"|"20140360411"|"2 0150028787"|"2015021 6296"|"20150231992"|" 20150232005"|"201502 74038"|"20150289641"| "20150368082"|"20150 375896"|"20160051042 "|"20160060084"|"2016 0106205"|"2016017040 2"|"20160249737"|"201 60258573"|"201602600 19"|"20160309889"|"20 160338486"|"20160353 880"|"20170071332"|"2 0170174486"|"2017019 6351"|"20170354245"|" 20170360192"|"201800 08037"|"20180055214"| "20180103752"|"20180 125227"|"20180160799 "|"20180177289"|"2018 0213929"|"2018025591 9"|"20180279770"|"201 80360208"|"201901105 88"|"20190183239"|"20 190269237"|"20200029 685"|"20200107633"|"2 692807"|"2843418"|"29 16340"|"2937003"|"309 2918"|"3110476"|"3152 833"|"0317468"|"32825 66"|"3295800"|"340479 1"|"3444830"|"3727245" |"3823915"|"3826457"|" 4072288"|"4097941"|"4					

		221280"|"4249749"|"43 82573"|"4403680"|"443 3759"|"4448386"|"4449 262"|"4534544"|"45497 20"|"4558648"|"455884 7"|"4577821"|"4611823" |"4625657"|"4640488"|" 4659052"|"4702454"|"4 709972"|"4717112"|"47 41512"|"4753419"|"482 6123"|"4843978"|"4899 987"|"4941641"|"49676 72"|"4995130"|"503716 3"|"5048784"|"5074000" |"5211367"|"5251864"|" 5257767"|"5294087"|"5 400720"|"5460460"|"55 80027"|"5588377"|"558 8727"|"5626323"|"5632 209"|"5694864"|"56951 73"|"5722513"|"572943 0"|"5765797"|"5823487" |"5829948"|"5836562"|" 5926876"|"5957426"|"0 606845"|"6076785"|"60 98961"|"6148739"|"617 6456"|"6179261"|"6220 558"|"6269753"|"62733 82"|"6381335"|"648824 8"|"6516478"|"6533229" |"6533479"|"6550740"|" 6672430"|"6701853"|"6 702372"|"6722618"|"67 42768"|"6792876"|"685 7493"|"6938866"|"7048 236"|"7188813"|"72041 93"|"7207629"|"724678 4"|"7568675"|"7575205" |"7677518"|"7793597"|" 7841570"|"7845665"|"7 946551"|"7950338"|"79 88232"|"8015638"|"813 2518"|"8303062"|"0835 247"|"8469152"|"84909 33"|"8544391"|"867185 3"|"8684339"|"8800976" |"8931750"|"8950343"|" 9049923"|"9055810"|"9 113703"|"9133974"|"91 33976"|"9232855"|"932 6598"|"9440559"|"9480 332"|"9504316"|"95546 44"|"9668572"|"968174 6"|"9809136"|"9815672" |"9854904"|"9955780"|" 9961991"|"9981571"|"9 993068"|"D302893"|"D8 30739"|"D832623"|"D84						

		5037"|"D854775"|"D870490"|"D901959").PN.					
L86	83	("1234569" | "1318564" | "2156148" | "2630359" | "4926760" | "5497706" | "5588377" | "5833200" | "6182935" | "6701853" | "7849789" | "8015638" | "8544391" | "8936306").pn. OR ("9326598").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/01 01:25 PM
L87	23	((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/07/01 01:34 PM
L88	86	("1318564" | "2937003" | "3295800" | "4221280" | "4558648" | "4577821" | "4843978" | "5588377" | "5626323" | "5829948" | "5957426" | "6098961" | "6269753" | "6516478" | "6533479" | "6722618" | "6742768" | "8132518" | "8671853" | "9049923" | "9055810" | "9326598" | "9480332" | "9504316" | "9554644" | "20030213415" | "20040035332" | "20040040480" | "20070080564" | "20080000393" | "20090090832" | "20090200437" | "20110001033" | "20110024958" | "20120097822" | "20130145972" | "20130193392" | "20140144352" | "20150232005" | "20150375896" | "20160338486" | "20170174486" | "20180008037").pn. OR ("10244861").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/01 01:34 PM
L89	31	A47B3/00.cpc. AND (gas OR pneumatic) ADJ spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO;	OR	ON	ON	2024/07/01 01:37 PM

			JPO; DERWENT; IBM_TDB)				
L90	178	A47B2003/025.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/01 01:38 PM
L91	1649	A47B61/00.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/01 01:39 PM
L92	1206	A47B3/02,0809,0815.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/01 02:08 PM
L93	837	A47B2021/0321,0364,0335.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/01 02:14 PM
L94	0	("2023/0140935").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/01 02:15 PM
L95	1315	312/208.1,223.3.ccls.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/01 02:28 PM
L96	307	312/208.1,223.3.ccls. AND (spring OR gas OR pneumatic)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/01 02:28 PM
L97	1633	248/421,562,588,585,431432,439.ccls. AND	(US-PGPUB; USPAT; USOCR; FIT (AU, AP,	OR	ON	ON	2024/07/01 02:33 PM

		(spring OR gas OR pneumatic)	AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L98	2043	108/147,144.11,145,93,96,116-118,120,43,138,50.01,50.02,28.ccls. AND (spring OR gas OR pneumatic)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/01 02:36 PM
L99	438449	(workstation OR work ADJ table OR adjust$4 WITH desk) AND (spring OR gas OR pneumatic)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/01 02:49 PM
L100	3021	(workstation OR work ADJ table OR desk) WITH adjust$4 SAME (links OR arms) SAME (spring OR gas OR pneumatic)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/01 02:50 PM
L101	551	(workstation OR work ADJ table OR desk) WITH adjust$4 SAME (links OR arms) SAME (spring OR gas OR pneumatic) AND A47B	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/01 02:50 PM
L102	24	"10806247"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/01 03:09 PM
L103	23	((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/07/31 03:38 PM
L104	6	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH base).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/07/31 03:38 PM
L105	20	((("PONIATOWSKI")	(US-PGPUB; USPAT;	OR	ON	ON	2024/07/31

		near3 ("Nathan"))).INV. AND (spring WITH attached WITH (cross ADJ beam) OR element).clm.	USOCR; EPO; JPO; DERWENT)				03:38 PM
L106	8	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH ((cross ADJ beam) OR element)).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/07/31 03:38 PM
L107	270	("11800927"|"2260695"|"4909159"|"5895020"|"6135546"|"0200057"|"0317468"|"0606845"|"0835247"|"10018298"|"10023355"|"10114352"|"10123613"|"10159336"|"10244861"|"10258148"|"10258149"|"10264877"|"10306977"|"10413055"|"10499730"|"10517390"|"10524565"|"10542817"|"10544019"|"10568416"|"10575630"|"10869549"|"10893748"|"11083282"|"11134773"|"11134774"|"11140977"|"11147366"|"11160367"|"11388989"|"11388991"|"11395544"|"11464325"|"11470959"|"1217772"|"1318564"|"20030042380"|"20030213415"|"20040035332"|"20040040480"|"20050029849"|"20050120922"|"20070001077"|"20070080564"|"20070266912"|"20070295882"|"20080000393"|"20090090832"|"20090145336"|"20090146389"|"20090200437"|"20100242174"|"20100257671"|"20110001033"|"20110024958"|"20120060291"|"20120097822"|"20120188302"|"20130145972"|"20130193392"|"20130199420"|"20130340655"|"20140144352"|"20140158026"|"20140248114"|"20140339747"|"20140360411"|"20150028787"|"20150216296"|"20150231992"|"20150232005"|"20150274038	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM

		"|"20150289641"|"2015 0368082"|"2015037589 6"|"20160051042"|"201 60060084"|"201601062 05"|"20160170402"|"20 160249737"|"20160258 573"|"20160260019"|"2 0160309889"|"2016033 8486"|"20160353880"|" 20170071332"|"201701 74486"|"20170196351"| "20170354245"|"20170 360192"|"20180008037 "|"20180055214"|"2018 0103752"|"2018012522 7"|"20180160799"|"201 80177289"|"201802139 29"|"20180255919"|"20 180279770"|"20180360 208"|"20190110588"|"2 0190183239"|"2019026 9237"|"20200029685"|" 20200107633"|"269280 7"|"2843418"|"2916340" |"2937003"|"3092918"|" 3110476"|"3152833"|"3 282566"|"3295800"|"34 04791"|"3444830"|"372 7245"|"3823915"|"3826 457"|"4072288"|"40979 41"|"4221280"|"424974 9"|"4382573"|"4403680" |"4433759"|"4448386"|" 4449262"|"4534544"|"4 549720"|"4558648"|"45 58847"|"4577821"|"461 1823"|"4625657"|"4640 488"|"4659052"|"47024 54"|"4709972"|"471711 2"|"4741512"|"4753419" |"4826123"|"4843978"|" 4899987"|"4941641"|"4 967672"|"4995130"|"50 37163"|"5048784"|"507 4000"|"5211367"|"5251 864"|"5257767"|"52940 87"|"5400720"|"546046 0"|"5580027"|"5588377" |"5588727"|"5626323"|" 5632209"|"5694864"|"5 695173"|"5722513"|"57 29430"|"5765797"|"582 3487"|"5829948"|"5836 562"|"5926876"|"59574 26"|"6076785"|"609896 1"|"6148739"|"6176456" |"6179261"|"6220558"|" 6269753"|"6273382"|"6					

		381335"|"6488248"|"6516478"|"6533229"|"6533479"|"6550740"|"6672430"|"6701853"|"6702372"|"6722618"|"6742768"|"6792876"|"6857493"|"6938866"|"7048236"|"7188813"|"7204193"|"7207629"|"7246784"|"7568675"|"7575205"|"7677518"|"7793597"|"7841570"|"7845665"|"7946551"|"7950338"|"7988232"|"8015638"|"8132518"|"8303062"|"8469152"|"8490933"|"8544391"|"8671853"|"8684339"|"8800976"|"8931750"|"8950343"|"9049923"|"9055810"|"9113703"|"9133974"|"9233855"|"9326598"|"9440559"|"9480332"|"9504316"|"9554644"|"9668572"|"9681746"|"9809136"|"9815672"|"9854904"|"9955780"|"9961991"|"9981571"|"9993068"|"D302893"|"D830739"|"D832623"|"D845037"|"D854775"|"D870490"|"D901959").PN.					
L108	32	("2018/0279770").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM
L109	39	(Artificial Intelligence) More like doc: US-20180279770-A1 Text: (US-20210015249-A1 OR US-10791826-B2 OR CN-108685321-A OR US-20170251806-A1 OR WO-2022258418-A1 OR DE-102021115102-A1 OR TW-201707611-A OR TW-I584763-B OR CN-106466054-A OR US-20170052517-A1 OR WO-2021103638-A1 OR US-10842258-B2 OR US-20190082823-A1 OR EP-4282302-A2 OR US-11246406-B2 OR US-20200196747-A1	(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	2024/07/31 03:38 PM

		OR US-10869547-B2 OR KR-200321897-Y1 OR US-20200089361-A1 OR EP-3188619-B1).did.					
L110	47	(Artificial Intelligence) Similar to: 18/481,077 with 0 CPC Selections and 0 Text Selections Text: (US-11147366-B1 OR US-11849843-B1 OR US-11134773-B1 OR US-11800927-B1 OR US-10244861-B1 OR US-10568416-B1 OR US-11160367-B1 OR US-10575630-B1 OR US-11388989-B1 OR US-11470959-B1 OR US-11134774-B1 OR US-11464325-B1 OR US-11140977-B1 OR US-10893748-B1 OR US-11388991-B1 OR US-11395544-B1 OR US-8671853-B2 OR AU-2019469836-A1 OR EP-4041030-A1 OR WO-2021069852-A1 OR US-20220369806-A1 OR CN-114667088-A OR US-20150216296-A1 OR US-20130014674-A1 OR AU-2012381034-B2 OR CA-2814945-C OR JP-2023502848-A OR AU-2012381034-A1 OR US-20180213929-A1 OR US-10524565-B2 OR US-20100308188-A1 OR EP-2685867-B1 OR US-9504316-B1 OR AU-2012381034-C1 OR WO-2017184206-A1 OR JP-2017511246-A OR US-20140144352-A1 OR CN-111642896-A OR AU-2017101717-A4 OR CA-2668355-A1 OR AU-2015247798-A1 OR EP-3420852-A1 OR EP-3131437-A2 OR WO-2015160825-A2 OR US-20150289641-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/07/31 03:38 PM

		A1 OR CN-106793868-B OR US-20160120300-A1 OR GB-2575456-A OR US-20200221864-A1 OR US-20160278515-A1).did.					
L111	186	A47B1/03;21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L112	186	A47B1/03.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L113	35	(Artificial Intelligence) More like doc: KR-20220096670-A Text: (KR-100597370-B1 OR KR-20230118738-A OR JP-H0428840-Y2 OR US-5653502-A OR AU-2012101904-A4 OR AU-2012272521-A1 OR EP-0708215-A1 OR GB-2293319-A OR KR-20210036032-A OR KR-102236181-B1 OR AU-2005286679-A1 OR AU-2005286679-B9 OR AU-2005286679-B2 OR US-7017976-B1 OR US-20060076792-A1 OR AU-2005286659-B2 OR NL-1044366-B1 OR JP-3407907-B2 OR JP-H023951-Y2 OR AT-E359006-T1).did.	(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	2024/07/31 03:38 PM
L114	4559	A47B21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L115	898	A47B21/0314,00,02,03,	(US-PGPUB; USPAT;	OR	ON	ON	2024/07/31

		04.cpc. AND spring WITH base	USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				03:38 PM
L116	282	("0200057" | "0317468" | "0606845" | "0835247" | "1217772" | "1318564" | "2260695" | "2692807" | "2843418" | "2916340" | "2937003" | "3092918" | "3110476" | "3152833" | "3282566" | "3295800" | "3404791" | "3444830" | "3727245" | "3823915" | "3826457" | "4072288" | "4097941" | "4221280" | "4249749" | "4382573" | "4403680" | "4433759" | "4448386" | "4449262" | "4534544" | "4549720" | "4558648" | "4558847" | "4577821" | "4611823" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4899987" | "4909159" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5074000" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5460460" | "5580027" | "5588377" | "5588727" | "5626323" | "5632209" | "5694864" | "5695173" | "5722513" | "5729430" | "5765797" | "5823487" | "5829948" | "5836562" | "5895020" | "5926876" | "5957426" | "6076785" | "6098961" | "6135546" | "6148739" | "6176456" | "6179261" | "6220558" | "6269753" | "6273382" | "6381335" | "6488248" | "6516478" | "6533229" | "6533479" | "6550740" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM

		| "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7568675" | "7575205" | "7677518" | "D622350" | "7793597" | "7841570" | "7845665" | "7946551" | "7950338" | "7988232" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8800976" | "8931750" | "8950343" | "9049923" | "9055810" | "9113703" | "9133974" | "9133976" | "9232855" | "9326598" | "9440559" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9961991" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "D832623" | "10123613" | "10159336" | "D841014" | "D845037" | "D845678" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10405647" | "10413055" | "D862936" | "10485336" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959" | "10849424" | "10869549" | "10893748" | "11058217" | "11083282" | "11134773" | "11134774" | "11140977" | "11147366" | "11160367" | "11219307" | "11388989" | "11388991" |					

		"11395544" | "11464325" | "11470959" | "11717080" | "11771218" | "11800927" | "20030042380" | "20030213415" | "20040035332" | "20040040480" | "20050029849" | "20050120922" | "20070001077" | "20070080564" | "20070266912" | "20070295882" | "20080000393" | "20090090832" | "20090145336" | "20090146389" | "20090200437" | "20100242174" | "20100257671" | "20110001033" | "20110024958" | "20120060291" | "20120097822" | "20120188302" | "20130145972" | "20130193392" | "20130199420" | "20130340655" | "20140144352" | "20140158026" | "20140248114" | "20140339747" | "20140360411" | "20150028787" | "20150216296" | "20150231992" | "20150232005" | "20150274038" | "20150289641" | "20150368082" | "20150375896" | "20160051042" | "20160060084" | "20160106205" | "20160170402" | "20160249737" | "20160258573" | "20160260019" | "20160309889" | "20160338486" | "20160353880" | "20170071332" | "20170174486" | "20170196351"				

		"20170354245" | "20170360192" | "20180008037" | "20180055214" | "20180103752" | "20180125227" | "20180160799" | "20180177289" | "20180213929" | "20180255919" | "20180279770" | "20180360208" | "20190110588" | "20190183239" | "20190269237" | "20200029685" | "20200107633" | "20230329430").pn. OR ("11925264").urpn. AND (PGPB | USPT | USOC).dbnm.					
L117	42	("2531880" | "3938766" | "4637322" | "5005492" | "5746138" | "5996961" | "9504316" | "9615655" | "9635929" | "9681746" | "20060037518" | "20080203865" | "20090095874" | "20130139736" | "20150289641" | "20160084432" | "20170196351" | "20170290413").pn. OR ("9961991").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM
L118	925	A47B9/16.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L119	803	A47B2021/0321,0364,0335.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L120	591	A47B3/00.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD,	OR	ON	ON	2024/07/31 03:38 PM

			DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L121	1252	A47B61/00.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L122	1181	A47B3/02,0809,0815.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L123	177	A47B2003/025.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L124	285	312/208.1,223.3.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L125	1540	248/421,562,588,585,431432,439.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L126	12	("10405647"|"10485336"|"10849424"|"11058217"|"11219307"|"11717080"|"11771218"|"20230329430"|"D622350"|"D841014"|"D845678"|"D862936").PN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM
L127	15	"20180279770"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM
L128	159	"7677518"	(US-PGPUB; USPAT;	OR	ON	ON	2024/07/31

			USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				03:38 PM
L129	16	"20180279770"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L130	272	("0200057" | "0317468" | "0606845" | "0835247" | "1217772" | "1318564" | "2692807" | "2843418" | "2916340" | "2937003" | "3092918" | "3110476" | "3152833" | "3282566" | "3295800" | "3404791" | "3444830" | "3727245" | "3823915" | "3826457" | "4072288" | "4097941" | "4221280" | "4249749" | "4382573" | "4403680" | "4433759" | "4448386" | "4449262" | "4534544" | "4549720" | "4558648" | "4558847" | "4577821" | "4611823" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4899987" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5074000" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5460460" | "5580027" | "5588377" | "5588727" | "5626323" | "5632209" | "5694864" | "5695173" | "5722513" | "5729430" | "5765797" | "5823487" | "5829948" | "5836562" | "5926876" | "5957426" | "6076785" | "6098961" | "6148739" | "6176456" | "6179261" | "6220558" | "6269753" | "6273382" | "6381335" | "6488248"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM

		| "6516478" | "6533229" | "6533479" | "6550740" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7568675" | "7575205" | "7677518" | "7793597" | "7841570" | "7845665" | "7946551" | "7950338" | "7988232" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8800976" | "8931750" | "8950343" | "9049923" | "9055810" | "9113703" | "9133974" | "9133976" | "9232855" | "9326598" | "9440559" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9961991" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "D832623" | "10123613" | "10159336" | "D845037" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10413055" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959" | "10869549" | "10893748" | "11083282" | "11134773" | "11134774" | "11140977" | "11147366" | "11160367" | "11388989" | "11388991" | "11395544"					

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		"20180103752" | "20180125227" | "20180160799" | "20180177289" | "20180213929" | "20180255919" | "20180279770" | "20180360208" | "20190110588" | "20190183239" | "20190269237" | "20200029685" | "20200107633").pn. OR ("11800927").urpn. AND (PGPB | USPT | USOC).dbnm.					
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L132	4	("2014/0248114").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM
L133	32	("2018/0279770").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM
L134	40	(Artificial Intelligence) More like doc: US-11388989-B1 Text: (US-11980289-B1 OR US-11134773-B1 OR US-11950699-B1 OR US-11470959-B1 OR US-11944196-B1 OR US-10575630-B1 OR US-11464325-B1 OR US-11160367-B1 OR US-11864654-B1 OR US-11800927-B1 OR US-11925264-B1 OR US-10244861-B1 OR US-11849843-B1 OR US-11910926-B1 OR US-11134774-B1 OR US-11140977-B1 OR US-11857073-B1 OR US-11147366-B1 OR US-10568416-B1 OR US-11395544-B1).did.	(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	2024/07/31 03:38 PM
L135	170	("1318564" | "2843418" | "2937003" | "3295800" | "3823915" | "3826457" | "4221280" | "4448386" | "4449262" | "4549720" | "4558648" | "4577821" | "4625657" | "4640488"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM

		| "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5588377" | "5626323" | "5722513" | "5765797" | "5829948" | "5836562" | "5926876" | "5957426" | "6076785" | "6098961" | "6148739" | "6176456" | "6179261" | "6269753" | "6273382" | "6488248" | "6516478" | "6533229" | "6533479" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7575205" | "7677518" | "7841570" | "7845665" | "7946551" | "7950338" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8931750" | "8950343" | "9049923" | "9055810" | "9232855" | "9326598" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "10123613" | "D845037" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10413055" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959"				

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L136	23	(((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/07/31 03:38 PM
L137	6	(((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH base).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/07/31 03:38 PM
L138	20	(((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH (cross ADJ beam) OR element).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/07/31 03:38 PM

L139	8	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH ((cross ADJ beam) OR element)).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/07/31 03:38 PM
L140	270	("11800927"|"2260695"|"4909159"|"5895020"|"6135546"|"0200057"|"0317468"|"0606845"|"0835247"|"10018298"|"10023355"|"10114352"|"10123613"|"10159336"|"10244861"|"10258148"|"10258149"|"10264877"|"10306977"|"10413055"|"10499730"|"10517390"|"10524565"|"10542817"|"10544019"|"10568416"|"10575630"|"10869549"|"10893748"|"11083282"|"11134773"|"11134774"|"11140977"|"11147366"|"11160367"|"11388989"|"11388991"|"11395544"|"11464325"|"11470959"|"1217772"|"1318564"|"20030042380"|"20030213415"|"20040035332"|"20040040480"|"20050029849"|"20050120922"|"20070001077"|"20070080564"|"20070266912"|"20070295882"|"20080000393"|"20090090832"|"20090145336"|"20090146389"|"20090200437"|"20100242174"|"20100257671"|"20110001033"|"20110024958"|"20120060291"|"20120097822"|"20120188302"|"20130145972"|"20130193392"|"20130199420"|"20130340655"|"20140144352"|"20140158026"|"20140248114"|"20140339747"|"20140360411"|"20150028787"|"20150216296"|"20150231992"|"20150232005"|"20150274038"|"20150289641"|"20150368082"|"20150375896"|"20160051042"|"20160060084"|"20160106205"|"20160170402"|"20	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM

		160249737"|"20160258573"|"20160260019"|"20160309889"|"20160338486"|"20160353880"|"20170071332"|"20170174486"|"20170196351"|"20170354245"|"20170360192"|"20180008037"|"20180055214"|"20180103752"|"20180125227"|"20180160799"|"20180177289"|"20180213929"|"20180255919"|"20180279770"|"20180360208"|"20190110588"|"20190183239"|"20190269237"|"20200029685"|"20200107633"|"2692807"|"2843418"|"2916340"|"2937003"|"3092918"|"3110476"|"3152833"|"3282566"|"3295800"|"3404791"|"3444830"|"3727245"|"3823915"|"3826457"|"4072288"|"4097941"|"4221280"|"4249749"|"4382573"|"4403680"|"4433759"|"4448386"|"4449262"|"4534544"|"4549720"|"4558648"|"4558847"|"4577821"|"4611823"|"4625657"|"4640488"|"4659052"|"4702454"|"4709972"|"4717112"|"4741512"|"4753419"|"4826123"|"4843978"|"4899987"|"4941641"|"4967672"|"4995130"|"5037163"|"5048784"|"5074000"|"5211367"|"5251864"|"5257767"|"5294087"|"5400720"|"5460460"|"5580027"|"5588377"|"5588727"|"5626323"|"5632209"|"5694864"|"5695173"|"5722513"|"5729430"|"5765797"|"5823487"|"5829948"|"5836562"|"5926876"|"5957426"|"6076785"|"6098961"|"6148739"|"6176456"|"6179261"|"6220558"|"6269753"|"6273382"|"6381335"|"6488248"|"6516478"|"6533229"|"6533479"|"6550740"|"6672430"|"6701853"|"6702372"|"6722618"|"674276					

		8"|"6792876"|"6857493"|"6938866"|"7048236"|"7188813"|"7204193"|"7207629"|"7246784"|"7568675"|"7575205"|"7677518"|"7793597"|"7841570"|"7845665"|"7946551"|"7950338"|"7988232"|"8015638"|"8132518"|"8303062"|"8469152"|"8490933"|"8544391"|"8671853"|"8684339"|"8800976"|"8931750"|"8950343"|"9049923"|"9055810"|"9113703"|"9133974"|"9133976"|"9232855"|"9326598"|"9440559"|"9480332"|"9504316"|"9554644"|"9668572"|"9681746"|"9809136"|"9815672"|"9854904"|"9955780"|"9961991"|"9981571"|"9993068"|"D302893"|"D830739"|"D832623"|"D845037"|"D854775"|"D870490"|"D901959").PN.					
L141	32	("2018/0279770").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM
L142	39	(Artificial Intelligence) More like doc: US-20180279770-A1 Text: (US-20210015249-A1 OR US-10791826-B2 OR CN-108685321-A OR US-20170251806-A1 OR WO-2022258418-A1 OR DE-102021115102-A1 OR TW-201707611-A OR TW-I584763-B OR CN-106466054-A OR US-20170052517-A1 OR WO-2021103638-A1 OR US-10842258-B2 OR US-20190082823-A1 OR EP-4282302-A2 OR US-11246406-B2 OR US-20200196747-A1 OR US-10869547-B2 OR KR-200321897-Y1 OR US-20200089361-A1 OR EP-3188619-B1).did.	(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	2024/07/31 03:38 PM

L143	47	(Artificial Intelligence) Similar to: 18/481,077 with 0 CPC Selections and 0 Text Selections Text: (US-11147366-B1 OR US-11849843-B1 OR US-11134773-B1 OR US-11800927-B1 OR US-10244861-B1 OR US-10568416-B1 OR US-11160367-B1 OR US-10575630-B1 OR US-11388989-B1 OR US-11470959-B1 OR US-11134774-B1 OR US-11464325-B1 OR US-11140977-B1 OR US-10893748-B1 OR US-11388991-B1 OR US-11395544-B1 OR US-8671853-B2 OR AU-2019469836-A1 OR EP-4041030-A1 OR WO-2021069852-A1 OR US-20220369806-A1 OR CN-114667088-A OR US-20150216296-A1 OR US-20130014674-A1 OR AU-2012381034-B2 OR CA-2814945-C OR JP-2023502848-A OR AU-2012381034-A1 OR US-20180213929-A1 OR US-10524565-B2 OR US-20100308188-A1 OR EP-2685867-B1 OR US-9504316-B1 OR AU-2012381034-C1 OR WO-2017184206-A1 OR JP-2017511246-A OR US-20140144352-A1 OR CN-111642896-A OR AU-2017101717-A4 OR CA-2668355-A1 OR AU-2015247798-A1 OR EP-3420852-A1 OR EP-3131437-A2 OR WO-2015160825-A2 OR US-20150289641-A1 OR CN-106793868-B OR US-20160120300-A1 OR GB-2575456-A OR US-20200221864-A1 OR US-20160278515-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/07/31 03:38 PM

		A1).did.					
L144	186	A47B1/03;21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L145	186	A47B1/03.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L146	35	(Artificial Intelligence) More like doc: KR-20220096670-A Text: (KR-100597370-B1 OR KR-20230118738-A OR JP-H0428840-Y2 OR US-5653502-A OR AU-2012101904-A4 OR AU-2012272521-A1 OR EP-0708215-A1 OR GB-2293319-A OR KR-20210036032-A OR KR-102236181-B1 OR AU-2005286679-A1 OR AU-2005286679-B9 OR AU-2005286679-B2 OR US-7017976-B1 OR US-20060076792-A1 OR AU-2005286659-B2 OR NL-1044366-B1 OR JP-3407907-B2 OR JP-H023951-Y2 OR AT-E359006-T1).did.	(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	2024/07/31 03:38 PM
L147	4559	A47B21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L148	898	A47B21/0314,00,02,03,04.cpc. AND spring WITH base	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2024/07/31 03:38 PM

			IBM_TDB)				
L149	282	("0200057" | "0317468" | "0606845" | "0835247" | "1217772" | "1318564" | "2260695" | "2692807" | "2843418" | "2916340" | "2937003" | "3092918" | "3110476" | "3152833" | "3282566" | "3295800" | "3404791" | "3444830" | "3727245" | "3823915" | "3826457" | "4072288" | "4097941" | "4221280" | "4249749" | "4382573" | "4403680" | "4433759" | "4448386" | "4449262" | "4534544" | "4549720" | "4558648" | "4558847" | "4577821" | "4611823" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4899987" | "4909159" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5074000" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5460460" | "5580027" | "5588377" | "5588727" | "5626323" | "5632209" | "5694864" | "5695173" | "5722513" | "5729430" | "5765797" | "5823487" | "5829948" | "5836562" | "5895020" | "5926876" | "5957426" | "6076785" | "6098961" | "6135546" | "6148739" | "6176456" | "6179261" | "6220558" | "6269753" | "6273382" | "6381335" | "6488248" | "6516478" | "6533229" | "6533479" | "6550740" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7568675" | "7575205" | "7677518" | "D622350" | "7793597" | "7841570" | "7845665"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM

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L151	925	A47B9/16.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L152	803	A47B2021/0321,0364,0335.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L153	591	A47B3/00.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L154	1252	A47B61/00.cpc. AND	(US-PGPUB; USPAT;	OR	ON	ON	2024/07/31

		spring	USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				03:38 PM
L155	1181	A47B3/02,0809,0815.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L156	177	A47B2003/025.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L157	285	312/208.1,223.3.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L158	1540	248/421,562,588,585,431432,439.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L159	12	("10405647"|"10485336"|"10849424"|"11058217"|"11219307"|"11717080"|"11771218"|"20230329430"|"D622350"|"D841014"|"D845678"|"D862936").PN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM
L160	15	"20180279770"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM
L161	159	"7677518"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2024/07/31 03:38 PM

			IBM_TDB)				
L162	16	"20180279770"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L163	272	("0200057" | "0317468" | "0606845" | "0835247" | "1217772" | "1318564" | "2692807" | "2843418" | "2916340" | "2937003" | "3092918" | "3110476" | "3152833" | "3282566" | "3295800" | "3404791" | "3444830" | "3727245" | "3823915" | "3826457" | "4072288" | "4097941" | "4221280" | "4249749" | "4382573" | "4403680" | "4433759" | "4448386" | "4449262" | "4534544" | "4549720" | "4558648" | "4558847" | "4577821" | "4611823" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4899987" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5074000" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5460460" | "5580027" | "5588377" | "5588727" | "5626323" | "5632209" | "5694864" | "5695173" | "5722513" | "5729430" | "5765797" | "5823487" | "5829948" | "5836562" | "5926876" | "5957426" | "6076785" | "6098961" | "6148739" | "6176456" | "6179261" | "6220558" | "6269753" | "6273382" | "6381335" | "6488248" | "6516478" | "6533229" | "6533479" | "6550740" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM

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L165	4	("2014/0248114").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM
L166	32	("2018/0279770").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM
L167	40	(Artificial Intelligence) More like doc: US-11388989-B1 Text: (US-11980289-B1 OR US-11134773-B1 OR US-11950699-B1 OR US-11470959-B1 OR US-11944196-B1 OR US-10575630-B1 OR US-11464325-B1 OR US-11160367-B1 OR US-11864654-B1 OR US-11800927-B1 OR US-11925264-B1 OR US-10244861-B1 OR US-11849843-B1 OR US-11910926-B1 OR US-11134774-B1 OR US-11140977-B1 OR US-11857073-B1 OR US-11147366-B1 OR US-10568416-B1 OR US-11395544-B1).did.	(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	2024/07/31 03:38 PM
L168	170	("1318564" | "2843418" | "2937003" | "3295800" | "3823915" | "3826457" | "4221280" | "4448386" | "4449262" | "4549720" | "4558648" | "4577821" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4941641" | "4967672" | "4995130"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM

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L170	43	(Artificial Intelligence) Similar to: 17/959,274 with 0 CPC Selections and 0 Text Selections Text: (US-11849843-B1 OR US-11134773-B1 OR US-11800927-B1 OR US-11388989-B1 OR US-11470959-B1 OR US-11160367-B1 OR US-10568416-B1 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/07/31 03:38 PM

		US-10575630-B1 OR US-11147366-B1 OR US-11134774-B1 OR US-11464325-B1 OR US-10244861-B1 OR US-11140977-B1 OR US-10893748-B1 OR US-11388991-B1 OR US-11395544-B1 OR WO-2021069852-A1 OR EP-4041030-A1 OR CN-114667088-A OR AU-2019469836-A1 OR US-20220369806-A1 OR US-20150216296-A1 OR US-20100308188-A1 OR JP-2023502848-A OR US-20130014674-A1 OR CA-2668355-A1 OR US-10271639-B2 OR US-20170127821-A1 OR CA-2948266-A1 OR EP-3360440-A1 OR AU-2017101717-A4 OR TW-M539854-U OR US-20180213929-A1 OR US-10524565-B2 OR CN-111642896-A OR CA-2860970-A1 OR JP-2017511246-A OR MX-PA00012060-A OR EP-3420852-A1 OR US-20140144352-A1 OR DE-10249623-A1 OR EP-2842458-B1 OR AU-2014216002-A1 OR GB-2261368-A OR AU-659918-B2 OR CN-106793868-B OR EP-3131437-A2 OR WO-2015160825-A2 OR US-20150289641-A1 OR US-20160120300-A1).did.					
L171	23	((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/07/31 03:38 PM
L172	149	("4691886" | "4729533" | "5037054" | "5044284" | "5174223" | "5200859" | "5287815" | "5405204" | "5445353" | "5564668" | "5636711" | "D393382" | "5829948" | "5938622" | "5961231" | "6286812" | "6585214" | "6736469"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM

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L174	23	(((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/07/31 03:38 PM
L175	5	(((("PONIATOWSKI") near3 ("Nathan"))).INV. AND handle.clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/07/31 03:38 PM
L176	2	(((("PONIATOWSKI") near3 ("Nathan"))).INV. AND motor.clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/07/31 03:38 PM
L177	290	("11849843"|"11910926"|"0200057"|"0317468"|"0606845"|"0835247"|"10018298"|"10023355"|"10114352"|"10123613"|"10159336"|"10244861"|"10258148"|"10258149"|"10264877"|"10306977"|"10405647"|"10413055"|"10485336"|"10499730"|"10517390"|"10524565"|"10542817"|"10544019"|"10568416"|"10575630"|"10849424"|"10869549"|"10893748"|"11058217"|"11083282"|"11134773"|"11134774"|"11140977"|"11147366	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM

		"|"11160367"|"1121930 7"|"11388989"|"113889 91"|"11395544"|"11464 325"|"11470959"|"1171 7080"|"11771218"|"118 00927"|"11857073"|"11 864654"|"11925264"|"1 1944196"|"11950699"|" 11980289"|"1217772"|" 1318564"|"2003004238 0"|"20030213415"|"200 40035332"|"200400404 80"|"20050029849"|"20 050120922"|"20070001 077"|"20070080564"|"2 0070266912"|"2007029 5882"|"20080000393"|" 20090090832"|"200901 45336"|"20090146389"| "20090200437"|"20100 242174"|"20100257671 "|"20110001033"|"2011 0024958"|"2012006029 1"|"20120097822"|"201 20188302"|"201301459 72"|"20130193392"|"20 130199420"|"20130340 655"|"20140144352"|"2 0140158026"|"2014024 8114"|"20140339747"|" 20140360411"|"201500 28787"|"20150216296"| "20150231992"|"20150 232005"|"20150274038 "|"20150289641"|"2015 0368082"|"2015037589 6"|"20160051042"|"201 60060084"|"201601062 05"|"20160170402"|"20 160249737"|"20160258 573"|"20160260019"|"2 0160309889"|"2016033 8486"|"20160353880"|" 20170071332"|"201701 74486"|"20170196351"| "20170354245"|"20170 360192"|"20180008037 "|"20180055214"|"2018 0103752"|"2018012522 7"|"20180160799"|"201 80177289"|"201802139 29"|"20180255919"|"20 180279770"|"20180360 208"|"20190110588"|"2 0190183239"|"2019026 9237"|"20200029685"|" 20200107633"|"202303 29430"|"2260695"|"269					

		2807"|"2843418"|"2916 340"|"2937003"|"30929 18"|"3110476"|"315283 3"|"3282566"|"3295800" |"3404791"|"3444830"|" 3727245"|"3823915"|"3 826457"|"4072288"|"40 97941"|"4221280"|"424 9749"|"4382573"|"4403 680"|"4433759"|"44483 86"|"4449262"|"453454 4"|"4549720"|"4558648" |"4558847"|"4577821"|" 4611823"|"4625657"|"4 640488"|"4659052"|"47 02454"|"4709972"|"471 7112"|"4741512"|"4753 419"|"4826123"|"48439 78"|"4899987"|"490915 9"|"4941641"|"4967672" |"4995130"|"5037163"|" 5048784"|"5074000"|"5 211367"|"5251864"|"52 57767"|"5294087"|"540 0720"|"5460460"|"5580 027"|"5588377"|"55887 27"|"5626323"|"563220 9"|"5694864"|"5695173" |"5722513"|"5729430"|" 5765797"|"5823487"|"5 829948"|"5836562"|"58 95020"|"5926876"|"595 7426"|"6076785"|"6098 961"|"6135546"|"61487 39"|"6176456"|"617926 1"|"6220558"|"6269753" |"6273382"|"6381335"|" 6488248"|"6516478"|"6 533229"|"6533479"|"65 50740"|"6672430"|"670 1853"|"6702372"|"6722 618"|"6742768"|"67928 76"|"6857493"|"693886 6"|"7048236"|"7188813" |"7204193"|"7207629"|" 7246784"|"7568675"|"7 575205"|"7677518"|"77 93597"|"7841570"|"784 5665"|"7946551"|"7950 338"|"7988232"|"80156 38"|"8132518"|"830306 2"|"8469152"|"8490933" |"8544391"|"8671853"|" 8684339"|"8800976"|"8 931750"|"8950343"|"90 49923"|"9055810"|"911 3703"|"9133974"|"9133 976"|"9232855"|"93265					

		98"|"9440559"|"9480332"|"9504316"|"9554644"|"9668572"|"9681746"|"9809136"|"9815672"|"9854904"|"9955780"|"9961991"|"9981571"|"9993068"|"D302893"|"D622350"|"D830739"|"D832623"|"D841014"|"D845037"|"D845678"|"D854775"|"D862936"|"D870490"|"D901959").PN.					
L178	83	("1234569" | "1318564" | "2156148" | "2630359" | "4926760" | "5497706" | "5588377" | "5833200" | "6182935" | "6701853" | "7849789" | "8015638" | "8544391" | "8936306").pn. OR ("9326598").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM
L179	31	"9480332"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L180	97	"4577821"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L181	1597	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L182	82	"9326598"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L183	82	"9326598"	(US-PGPUB; USPAT;	OR	ON	ON	2024/07/31

			USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				03:38 PM
L184	16	"20180279770"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L185	13	"20120188302"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L186	50	(Artificial Intelligence) Similar to: 18/481,077 with 0 CPC Selections and 0 Text Selections Text: (US-11925264-B1 OR US-11849843-B1 OR US-11857073-B1 OR US-11147366-B1 OR US-11950699-B1 OR US-11134773-B1 OR US-11800927-B1 OR US-10244861-B1 OR US-10568416-B1 OR US-11388989-B1 OR US-11160367-B1 OR US-11944196-B1 OR US-11910926-B1 OR US-10575630-B1 OR US-11470959-B1 OR US-11864654-B1 OR US-11134774-B1 OR US-11980289-B1 OR US-11464325-B1 OR US-11140977-B1 OR US-10893748-B1 OR US-11388991-B1 OR US-11395544-B1 OR US-8671853-B2 OR AU-2023219957-A1 OR WO-2021069852-A1 OR US-20220369806-A1 OR US-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/07/31 03:38 PM

		20150216296-A1 OR CN-114667088-A OR US-11918104-B2 OR US-20130014674-A1 OR CA-2814945-C OR AU-2012381034-B2 OR AU-2012381034-A1 OR EP-4041030-B1 OR JP-2023502848-A OR US-20100308188-A1 OR US-20180213929-A1 OR US-10524565-B2 OR JP-2017511246-A OR US-20240065432-A1 OR CA-2668355-A1 OR EP-2685867-B1 OR US-11950698-B2 OR AU-2012381034-C1 OR AU-2017101717-A4 OR CN-111642896-A OR CN-117617674-A OR US-9504316-B1 OR AU-2015247798-A1).did.					
L187	264	("10018298"|"10023355"|"10114352"|"10123613"|"10159336"|"10244861"|"10258148"|"10258149"|"10264877"|"10306977"|"10413055"|"10499730"|"10517390"|"10524565"|"10542817"|"10544019"|"10568416"|"10575630"|"10869549"|"10893748"|"11083282"|"11134773"|"11134774"|"11140977"|"11147366"|"11160367"|"11388989"|"11388991"|"11395544"|"11464325"|"11470959"|"1217772"|"1318564"|"0200057"|"20030042380"|"20030213415"|"20040035332"|"20040040480"|"20050029849"|"20050120922"|"20070001077"|"20070080564"|"20070266912"|"20070295882"|"20080000393"|"20090090832"|"20090145336"|"20090146389"|"20090200437"|"20100242174"|"20100257671"|"20110001033"|"20110024958"|"20120060291"|"20120097822"|"20120188302"|"2013	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM

		0145972"|"2013019339 2"|"20130199420"|"201 30340655"|"201401443 52"|"20140158026"|"20 140248114"|"20140339 747"|"20140360411"|"2 0150028787"|"2015021 6296"|"20150231992"|" 20150232005"|"201502 74038"|"20150289641"| "20150368082"|"20150 375896"|"20160051042 "|"20160060084"|"2016 0106205"|"2016017040 2"|"20160249737"|"201 60258573"|"201602600 19"|"20160309889"|"20 160338486"|"20160353 880"|"20170071332"|"2 0170174486"|"2017019 6351"|"20170354245"|" 20170360192"|"201800 08037"|"20180055214"| "20180103752"|"20180 125227"|"20180160799 "|"20180177289"|"2018 0213929"|"2018025591 9"|"20180279770"|"201 80360208"|"201901105 88"|"20190183239"|"20 190269237"|"20200029 685"|"20200107633"|"2 692807"|"2843418"|"29 16340"|"2937003"|"309 2918"|"3110476"|"3152 833"|"0317468"|"32825 66"|"3295800"|"340479 1"|"3444830"|"3727245" |"3823915"|"3826457"|" 4072288"|"4097941"|"4 221280"|"4249749"|"43 82573"|"4403680"|"443 3759"|"4448386"|"4449 262"|"4534544"|"45497 20"|"4558648"|"455884 7"|"4577821"|"4611823" |"4625657"|"4640488"|" 4659052"|"4702454"|"4 709972"|"4717112"|"47 41512"|"4753419"|"482 6123"|"4843978"|"4899 987"|"4941641"|"49676 72"|"4995130"|"503716 3"|"5048784"|"5074000" |"5211367"|"5251864"|" 5257767"|"5294087"|"5 400720"|"5460460"|"55 80027"|"5588377"|"558					

		8727"|"5626323"|"5632209"|"5694864"|"5695173"|"5722513"|"5729430"|"5765797"|"5823487"|"5829948"|"5836562"|"5926876"|"5957426"|"0606845"|"6076785"|"6098961"|"6148739"|"6176456"|"6179261"|"6220558"|"6269753"|"6273382"|"6381335"|"6488248"|"6516478"|"6533229"|"6533479"|"6550740"|"6672430"|"6701853"|"6702372"|"6722618"|"6742768"|"6792876"|"6857493"|"6938866"|"7048236"|"7188813"|"7204193"|"7207629"|"7246784"|"7568675"|"7575205"|"7677518"|"7793597"|"7841570"|"7845665"|"7946551"|"7950338"|"7988232"|"8015638"|"8132518"|"8303062"|"0835247"|"8469152"|"8490933"|"8544391"|"8671853"|"8684339"|"8800976"|"8931750"|"8950343"|"9049923"|"9055810"|"9113703"|"9133974"|"9133976"|"9232855"|"9326598"|"9440559"|"9480332"|"9504316"|"9554644"|"9668572"|"9681746"|"9809136"|"9815672"|"9854904"|"9955780"|"9961991"|"9981571"|"9993068"|"D302893"|"D830739"|"D832623"|"D845037"|"D854775"|"D870490"|"D901959").PN.					
L188	83	("1234569" | "1318564" | "2156148" | "2630359" | "4926760" | "5497706" | "5588377" | "5833200" | "6182935" | "6701853" | "7849789" | "8015638" | "8544391" | "8936306").pn. OR ("9326598").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM
L189	23	((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/07/31 03:38 PM
L190	87	("1318564" | "2937003"	(US-PGPUB; USPAT;	OR	ON	ON	2024/07/31

		| "3295800" | "4221280" | "4558648" | "4577821" | "4843978" | "5588377" | "5626323" | "5829948" | "5957426" | "6098961" | "6269753" | "6516478" | "6533479" | "6722618" | "6742768" | "8132518" | "8671853" | "9049923" | "9055810" | "9326598" | "9480332" | "9504316" | "9554644" | "20030213415" | "20040035332" | "20040040480" | "20070080564" | "20080000393" | "20090090832" | "20090200437" | "20110001033" | "20110024958" | "20120097822" | "20130145972" | "20130193392" | "20140144352" | "20150232005" | "20150375896" | "20160338486" | "20170174486" | "20180008037").pn. OR ("10244861").urpn. AND (PGPB | USPT | USOC).dbnm.	USOCR)				03:38 PM
L191	31	A47B3/00.cpc. AND (gas OR pneumatic) ADJ spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L192	179	A47B2003/025.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L193	1654	A47B61/00.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM

L194	1208	A47B3/02,0809,0815.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L195	839	A47B2021/0321,0364,0335.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L196	0	("2023/0140935").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:38 PM
L197	1315	312/208.1,223.3.ccls.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L198	307	312/208.1,223.3.ccls. AND (spring OR gas OR pneumatic)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L199	1633	248/421,562,588,585,431432,439.ccls. AND (spring OR gas OR pneumatic)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L200	2043	108/147,144.11,145,93,96,116-118,120,43,138,50.01,50.02,28.ccls. AND (spring OR gas OR pneumatic)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L201	441088	(workstation OR work ADJ table OR adjust$4 WITH desk) AND (spring OR gas OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR,	OR	ON	ON	2024/07/31 03:38 PM

		pneumatic)	GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L202	3025	(workstation OR work ADJ table OR desk) WITH adjust$4 SAME (links OR arms) SAME (spring OR gas OR pneumatic)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L203	551	(workstation OR work ADJ table OR desk) WITH adjust$4 SAME (links OR arms) SAME (spring OR gas OR pneumatic) AND A47B	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L204	26	"10806247"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:38 PM
L205	16	"20180279770"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/07/31 03:39 PM
L206	32	("2018/0279770").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 03:41 PM
L207	39	(Artificial Intelligence) More like doc: US-20180279770-A1 Text: (US-20210015249-A1 OR US-10791826-B2 OR CN-108685321-A OR US-20170251806-A1 OR WO-2022258418-A1 OR DE-102021115102-A1 OR TW-201707611-A OR TW-I584763-B OR CN-106466054-A OR US-20170052517-A1 OR WO-2021103638-A1 OR US-10842258-	(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	2024/07/31 03:42 PM

		B2 OR US-20190082823-A1 OR EP-4282302-A2 OR US-11246406-B2 OR US-20200196747-A1 OR US-10869547-B2 OR KR-200321897-Y1 OR US-20200089361-A1 OR EP-3188619-B1).did.					
L208	50	(Artificial Intelligence) Similar to: 18/481,077 with 0 CPC Selections and 0 Text Selections Text: (US-11925264-B1 OR US-11857073-B1 OR US-11849843-B1 OR US-11147366-B1 OR US-11950699-B1 OR US-11134773-B1 OR US-11800927-B1 OR US-10568416-B1 OR US-10244861-B1 OR US-11388989-B1 OR US-11160367-B1 OR US-11944196-B1 OR US-11910926-B1 OR US-10575630-B1 OR US-11470959-B1 OR US-11864654-B1 OR US-11134774-B1 OR US-11980289-B1 OR US-11464325-B1 OR US-11140977-B1 OR US-10893748-B1 OR US-11388991-B1 OR US-12029315-B1 OR US-11395544-B1 OR US-8671853-B2 OR AU-2023219957-A1 OR WO-2021069852-A1 OR US-20220369806-A1 OR US-20150216296-A1 OR CN-114667088-A OR US-11918104-B2 OR US-20130014674-A1 OR CA-2814945-C OR AU-2012381034-B2 OR AU-2012381034-A1 OR EP-4041030-B1 OR JP-2023502848-A OR US-20100308188-A1 OR US-20180213929-A1 OR US-10524565-B2	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/07/31 04:12 PM

		OR JP-2017511246-A OR US-20240065432-A1 OR CA-2668355-A1 OR EP-2685867-B1 OR US-11950698-B2 OR CN-111642896-A OR AU-2017101717-A4 OR AU-2012381034-C1 OR CN-117617674-A OR US-9504316-B1).did.					
L209	282	("0200057" | "0317468" | "0606845" | "0835247" | "1217772" | "1318564" | "2260695" | "2692807" | "2843418" | "2916340" | "2937003" | "3092918" | "3110476" | "3152833" | "3282566" | "3295800" | "3404791" | "3444830" | "3727245" | "3823915" | "3826457" | "4072288" | "4097941" | "4221280" | "4249749" | "4382573" | "4403680" | "4433759" | "4448386" | "4449262" | "4534544" | "4549720" | "4558648" | "4558847" | "4577821" | "4611823" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4899987" | "4909159" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5074000" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5460460" | "5580027" | "5588377" | "5588727" | "5626323" | "5632209" | "5694864" | "5695173" | "5722513" | "5729430" | "5765797" | "5823487" | "5829948" | "5836562" | "5895020" | "5926876" | "5957426" | "6076785" | "6098961" | "6135546" | "6148739" | "6176456" | "6179261" | "6220558" | "6269753" | "6273382" | "6381335" | "6488248" | "6516478" | "6533229" | "6533479" | "6550740" | "6672430" | "6701853"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/07/31 04:12 PM

		| "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7568675" | "7575205" | "7677518" | "D622350" | "7793597" | "7841570" | "7845665" | "7946551" | "7950338" | "7988232" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8800976" | "8931750" | "8950343" | "9049923" | "9055810" | "9113703" | "9133974" | "9133976" | "9232855" | "9326598" | "9440559" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9961991" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "D832623" | "10123613" | "10159336" | "D841014" | "D845037" | "D845678" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10405647" | "10413055" | "D862936" | "10485336" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959" | "10849424" | "10869549" | "10893748" | "11058217" | "11083282" | "11134773" | "11134774" | "11140977" | "11147366" | "11160367" |					

		"11219307" | "11388989" | "11388991" | "11395544" | "11464325" | "11470959" | "11717080" | "11771218" | "11800927" | "20030042380" | "20030213415" | "20040035332" | "20040040480" | "20050029849" | "20050120922" | "20070001077" | "20070080564" | "20070266912" | "20070295882" | "20080000393" | "20090090832" | "20090145336" | "20090146389" | "20090200437" | "20100242174" | "20100257671" | "20110001033" | "20110024958" | "20120060291" | "20120097822" | "20120188302" | "20130145972" | "20130193392" | "20130199420" | "20130340655" | "20140144352" | "20140158026" | "20140248114" | "20140339747" | "20140360411" | "20150028787" | "20150216296" | "20150231992" | "20150232005" | "20150274038" | "20150289641" | "20150368082" | "20150375896" | "20160051042" | "20160060084" | "20160106205" | "20160170402" | "20160249737" | "20160258573" | "20160260019" | "20160309889" | "20160338486" | "20160353880" |				

		"20170071332" | "20170174486" | "20170196351" | "20170354245" | "20170360192" | "20180008037" | "20180055214" | "20180103752" | "20180125227" | "20180160799" | "20180177289" | "20180213929" | "20180255919" | "20180279770" | "20180360208" | "20190110588" | "20190183239" | "20190269237" | "20200029685" | "20200107633" | "20230329430").pn. OR ("11925264").urpn. AND (PGPB | USPT | USOC).dbnm.					
L210	23	((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/07/31 04:13 PM
L211	52	"6672430"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/13 04:29 PM
L212	23	"20110001033"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/13 04:41 PM
L213	31	"8469152"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/08/13 05:00 PM
L214	290	("11849843"|"11910926"|"0200057"|"0317468"|"0606845"|"0835247"|"10018298"|"10023355"|"10114352"|"10123613"|	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/08/13 05:04 PM

		"10159336"|"10244861"|"10258148"|"10258149"|"10264877"|"10306977"|"10405647"|"10413055"|"10485336"|"10499730"|"10517390"|"10524565"|"10542817"|"10544019"|"10568416"|"10575630"|"10849424"|"10869549"|"10893748"|"11058217"|"11083282"|"11134773"|"11134774"|"11140977"|"11147366"|"11160367"|"11219307"|"11388989"|"11388991"|"11395544"|"11464325"|"11470959"|"11717080"|"11771218"|"11800927"|"11857073"|"11864654"|"11925264"|"11944196"|"11950699"|"11980289"|"1217772"|"1318564"|"20030042380"|"20030213415"|"20040035332"|"20040040480"|"20050029849"|"20050120922"|"20070001077"|"20070080564"|"20070266912"|"20070295882"|"20080000393"|"20090090832"|"20090145336"|"20090146389"|"20090200437"|"20100242174"|"20100257671"|"20110001033"|"20110024958"|"20120060291"|"20120097822"|"20120188302"|"20130145972"|"20130193392"|"20130199420"|"20130340655"|"20140144352"|"20140158026"|"20140248114"|"20140339747"|"20140360411"|"20150028787"|"20150216296"|"20150231992"|"20150232005"|"20150274038"|"20150289641"|"20150368082"|"20150375896"|"20160051042"|"20160060084"|"20160106205"|"20160170402"|"20160249737"|"20160258573"|"20160260019"|"20160309889"|"20160338486"|"20160353880"|"20170071332"|"20170174486"|"20170196351"|				

		"20170354245"|"20170 360192"|"20180008037 "|"20180055214"|"2018 0103752"|"2018012522 7"|"20180160799"|"201 80177289"|"201802139 29"|"20180255919"|"20 180279770"|"20180360 208"|"20190110588"|"2 0190183239"|"2019026 9237"|"20200029685"|" 20200107633"|"202303 29430"|"2260695"|"269 2807"|"2843418"|"2916 340"|"2937003"|"30929 18"|"3110476"|"315283 3"|"3282566"|"3295800" |"3404791"|"3444830"|" 3727245"|"3823915"|"3 826457"|"4072288"|"40 97941"|"4221280"|"424 9749"|"4382573"|"4403 680"|"4433759"|"44483 86"|"4449262"|"453454 4"|"4549720"|"4558648" |"4558847"|"4577821"|" 4611823"|"4625657"|"4 640488"|"4659052"|"47 02454"|"4709972"|"471 7112"|"4741512"|"4753 419"|"4826123"|"48439 78"|"4899987"|"490915 9"|"4941641"|"4967672" |"4995130"|"5037163"|" 5048784"|"5074000"|"5 211367"|"5251864"|"52 57767"|"5294087"|"540 0720"|"5460460"|"5580 027"|"5588377"|"55887 27"|"5626323"|"563220 9"|"5694864"|"5695173" |"5722513"|"5729430"|" 5765797"|"5823487"|"5 829948"|"5836562"|"58 95020"|"5926876"|"595 7426"|"6076785"|"6098 961"|"6135546"|"61487 39"|"6176456"|"617926 1"|"6220558"|"6269753" |"6273382"|"6381335"|" 6488248"|"6516478"|"6 533229"|"6533479"|"65 50740"|"6672430"|"670 1853"|"6702372"|"6722 618"|"6742768"|"67928 76"|"6857493"|"693886 6"|"7048236"|"7188813" |"7204193"|"7207629"|				

		7246784"|"7568675"|"7575205"|"7677518"|"7793597"|"7841570"|"7845665"|"7946551"|"7950338"|"7988232"|"8015638"|"8132518"|"8303062"|"8469152"|"8490933"|"8544391"|"8671853"|"8684339"|"8800976"|"8931750"|"8950343"|"9049923"|"9055810"|"9113703"|"9133974"|"9133976"|"9232855"|"9326598"|"9440559"|"9480332"|"9504316"|"9554644"|"9668572"|"9681746"|"9809136"|"9815672"|"9854904"|"9955780"|"9961991"|"9981571"|"9993068"|"D302893"|"D622350"|"D830739"|"D832623"|"D841014"|"D845037"|"D845678"|"D854775"|"D862936"|"D870490"|"D901959").PN.					
L215	24	("2018/0103752").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/08/13 05:06 PM
L216	43	(Artificial Intelligence) More like doc: US-20180103752-A1 Text: (US-10258149-B2 OR EP-3593671-B1 OR CN-109700183-A OR EP-3593671-A1 OR GB-2575456-A OR CN-109276019-A OR US-20170340104-A1 OR KR-20160100175-A OR KR-101969133-B1 OR CN-104544956-A OR KR-101969134-B1 OR KR-101969135-B1 OR CN-214855133-U OR KR-101969137-B1 OR KR-101747132-B1 OR KR-20160100205-A OR CN-107257640-A OR EP-3257400-A1 OR US-10499730-B2 OR CN-110192719-A).did.	(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	2024/08/13 05:07 PM
L217	27	((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
L218	9	((("PONIATOWSKI")	(US-PGPUB; USPAT;	OR	ON	ON	2024/11/06

		near3 ("Nathan"))).INV. AND (spring WITH attached WITH base).clm.	USOCR; EPO; JPO; DERWENT)				01:03 PM
L219	24	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH (cross ADJ beam) OR element).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
L220	11	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH ((cross ADJ beam) OR element)).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
L221	270	("11800927"|"2260695"|"4909159"|"5895020"|"6135546"|"0200057"|"0317468"|"0606845"|"0835247"|"10018298"|"10023355"|"10114352"|"10123613"|"10159336"|"10244861"|"10258148"|"10258149"|"10264877"|"10306977"|"10413055"|"10499730"|"10517390"|"10524565"|"10542817"|"10544019"|"10568416"|"10575630"|"10869549"|"10893748"|"11083282"|"11134773"|"11134774"|"11140977"|"11147366"|"11160367"|"11388989"|"11388991"|"11395544"|"11464325"|"11470959"|"1217772"|"1318564"|"20030042380"|"20030213415"|"20040035332"|"20040040480"|"20050029849"|"20050120922"|"20070001077"|"20070080564"|"20070266912"|"20070295882"|"20080000393"|"20090090832"|"20090145336"|"20090146389"|"20090200437"|"20100242174"|"20100257671"|"20110001033"|"20110024958"|"20120060291"|"20120097822"|"20120188302"|"20130145972"|"20130193392"|"20130199420"|"20130340655"|"20140144352"|"20140158026"|"2014024	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		8114"|"20140339747"|" 20140360411"|"201500 28787"|"20150216296"| "20150231992"|"20150 232005"|"20150274038 "|"20150289641"|"2015 0368082"|"2015037589 6"|"20160051042"|"201 60060084"|"201601062 05"|"20160170402"|"20 160249737"|"20160258 573"|"20160260019"|"2 0160309889"|"2016033 8486"|"20160353880"|" 20170071332"|"201701 74486"|"20170196351"| "20170354245"|"20170 360192"|"20180008037 "|"20180055214"|"2018 0103752"|"2018012522 7"|"20180160799"|"201 80177289"|"201802139 29"|"20180255919"|"20 180279770"|"20180360 208"|"20190110588"|"2 0190183239"|"2019026 9237"|"20200029685"|" 20200107633"|"269280 7"|"2843418"|"2916340" |"2937003"|"3092918"|" 3110476"|"3152833"|"3 282566"|"3295800"|"34 04791"|"3444830"|"372 7245"|"3823915"|"3826 457"|"4072288"|"40979 41"|"4221280"|"424974 9"|"4382573"|"4403680" |"4433759"|"4448386"|" 4449262"|"4534544"|"4 549720"|"4558648"|"45 58847"|"4577821"|"461 1823"|"4625657"|"4640 488"|"4659052"|"47024 54"|"4709972"|"471711 2"|"4741512"|"4753419" |"4826123"|"4843978"|" 4899987"|"4941641"|"4 967672"|"4995130"|"50 37163"|"5048784"|"507 4000"|"5211367"|"5251 864"|"5257767"|"52940 87"|"5400720"|"546046 0"|"5580027"|"5588377" |"5588727"|"5626323"|" 5632209"|"5694864"|"5 695173"|"5722513"|"57 29430"|"5765797"|"582 3487"|"5829948"|"5836					

		562"|"5926876"|"59574 26"|"6076785"|"609896 1"|"6148739"|"6176456" |"6179261"|"6220558"|" 6269753"|"6273382"|"6 381335"|"6488248"|"65 16478"|"6533229"|"653 3479"|"6550740"|"6672 430"|"6701853"|"67023 72"|"6722618"|"674276 8"|"6792876"|"6857493" |"6938866"|"7048236"|" 7188813"|"7204193"|"7 207629"|"7246784"|"75 68675"|"7575205"|"767 7518"|"7793597"|"7841 570"|"7845665"|"79465 51"|"7950338"|"798823 2"|"8015638"|"8132518" |"8303062"|"8469152"|" 8490933"|"8544391"|"8 671853"|"8684339"|"88 00976"|"8931750"|"895 0343"|"9049923"|"9055 810"|"9113703"|"91339 74"|"9133976"|"923285 5"|"9326598"|"9440559" |"9480332"|"9504316"|" 9554644"|"9668572"|"9 681746"|"9809136"|"98 15672"|"9854904"|"995 5780"|"9961991"|"9981 571"|"9993068"|"D3028 93"|"D830739"|"D83262 3"|"D845037"|"D854775 "|"D870490"|"D901959") .PN.					
L222	50	("2018/0279770").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L223	44	(Artificial Intelligence) More like doc: US-20180279770-A1 Text: (US-5601037-A OR GB-9716964-D0 OR US-6595144-B1 OR CN-2800897-Y OR US- 20080115697-A1 OR US-7908981-B2 OR US-9155391-B2 OR US-8547057-B2 OR CN-102100445-A OR PL-2454969-T3 OR GB-2502100-B OR US- 9089207-B2 OR EP- 2917105-B1 OR US-	(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	2024/11/06 01:03 PM

		8991320-B2 OR DE-102013107053-B4 OR DE-202014003943-U1 OR CN-104055344-B OR US-9681759-B2 OR CN-204207309-U OR US-20160128467-A1).did.					
L224	48	(Artificial Intelligence) Similar to: 18/481,077 with 0 CPC Selections and 0 Text Selections Text: (US-11147366-B1 OR US-11849843-B1 OR US-11134773-B1 OR US-11800927-B1 OR US-10244861-B1 OR US-10568416-B1 OR US-11160367-B1 OR US-10575630-B1 OR US-11388989-B1 OR US-11470959-B1 OR US-11134774-B1 OR US-11464325-B1 OR US-11140977-B1 OR US-10893748-B1 OR US-11388991-B1 OR US-11395544-B1 OR US-8671853-B2 OR AU-2019469836-A1 OR EP-4041030-A1 OR WO-2021069852-A1 OR US-20220369806-A1 OR CN-114667088-A OR US-20150216296-A1 OR US-20130014674-A1 OR AU-2012381034-B2 OR CA-2814945-C OR JP-2023502848-A OR AU-2012381034-A1 OR US-20180213929-A1 OR US-10524565-B2 OR US-20100308188-A1 OR EP-2685867-B1 OR US-9504316-B1 OR AU-2012381034-C1 OR WO-2017184206-A1 OR JP-2017511246-A OR US-20140144352-A1 OR CN-111642896-A OR AU-2017101717-A4 OR CA-2668355-A1 OR AU-2015247798-A1 OR EP-3420852-A1 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/11/06 01:03 PM

		EP-3131437-A2 OR WO-2015160825-A2 OR US-20150289641-A1 OR CN-106793868-B OR US-20160120300-A1 OR GB-2575456-A OR US-20200221864-A1 OR US-20160278515-A1).did.					
L225	196	A47B1/03;21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L226	196	A47B1/03.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L227	44	(Artificial Intelligence) More like doc: KR-20220096670-A Text: (KR-20220096670-A OR US-11700946-B2 OR US-20220240682-A1 OR CN-211779986-U OR US-20110073724-A1 OR EP-3838799-B1 OR DE-202021104968-U1 OR CA-2796211-A1 OR CN-218441656-U OR CN-117734236-A OR CN-1836428-A OR WO-2013053188-A1 OR JP-4043480-B2 OR TW-M519923-U OR KR-20020042790-A OR KR-20090067126-A OR KR-20190083044-A OR EP-3901047-B1 OR KR-101916917-B1 OR CN-100571288-C).did.	(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	2024/11/06 01:03 PM
L228	4818	A47B21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU,	OR	ON	ON	2024/11/06 01:03 PM

			SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L229	957	A47B21/0314,00,02,03,04.cpc. AND spring WITH base	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L230	286	("0200057" | "0317468" | "0606845" | "0835247" | "1217772" | "1318564" | "2260695" | "2692807" | "2843418" | "2916340" | "2937003" | "3092918" | "3110476" | "3152833" | "3282566" | "3295800" | "3404791" | "3444830" | "3727245" | "3823915" | "3826457" | "4072288" | "4097941" | "4221280" | "4249749" | "4382573" | "4403680" | "4433759" | "4448386" | "4449262" | "4534544" | "4549720" | "4558648" | "4558847" | "4577821" | "4611823" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4899987" | "4909159" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5074000" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5460460" | "5580027" | "5588377" | "5588727" | "5626323" | "5632209" | "5694864" | "5695173" | "5722513" | "5729430" | "5765797" | "5823487" | "5829948" | "5836562" | "5895020" | "5926876" | "5957426" | "6076785" | "6098961" | "6135546" | "6148739" | "6176456" | "6179261" | "6220558" | "6269753" | "6273382" | "6381335" | "6488248" | "6516478" | "6533229" | "6533479" | "6550740"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		| "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7568675" | "7575205" | "7677518" | "D622350" | "7793597" | "7841570" | "7845665" | "7946551" | "7950338" | "7988232" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8800976" | "8931750" | "8950343" | "9049923" | "9055810" | "9113703" | "9133974" | "9133976" | "9232855" | "9326598" | "9440559" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9961991" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "D832623" | "10123613" | "10159336" | "D841014" | "D845037" | "D845678" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10405647" | "10413055" | "D862936" | "10485336" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959" | "10849424" | "10869549" | "10893748" | "11058217" | "11083282" | "11134773" | "11134774" | "11140977" | "11147366" |					

		"11160367" | "11219307" | "11388989" | "11388991" | "11395544" | "11464325" | "11470959" | "11717080" | "11771218" | "11800927" | "20030042380" | "20030213415" | "20040035332" | "20040040480" | "20050029849" | "20050120922" | "20070001077" | "20070080564" | "20070266912" | "20070295882" | "20080000393" | "20090090832" | "20090145336" | "20090146389" | "20090200437" | "20100242174" | "20100257671" | "20110001033" | "20110024958" | "20120060291" | "20120097822" | "20120188302" | "20130145972" | "20130193392" | "20130199420" | "20130340655" | "20140144352" | "20140158026" | "20140248114" | "20140339747" | "20140360411" | "20150028787" | "20150216296" | "20150231992" | "20150232005" | "20150274038" | "20150289641" | "20150368082" | "20150375896" | "20160051042" | "20160060084" | "20160106205" | "20160170402" | "20160249737" | "20160258573" | "20160260019" | "20160309889" | "20160338486"				

		"20160353880" | "20170071332" | "20170174486" | "20170196351" | "20170354245" | "20170360192" | "20180008037" | "20180055214" | "20180103752" | "20180125227" | "20180160799" | "20180177289" | "20180213929" | "20180255919" | "20180279770" | "20180360208" | "20190110588" | "20190183239" | "20190269237" | "20200029685" | "20200107633" | "20230329430").pn. OR ("11925264").urpn. AND (PGPB | USPT | USOC).dbnm.					
L231	46	("2531880" | "3938766" | "4637322" | "5005492" | "5746138" | "5996961" | "9504316" | "9615655" | "9635929" | "9681746" | "20060037518" | "20080203865" | "20090095874" | "20130139736" | "20150289641" | "20160084432" | "20170196351" | "20170290413").pn. OR ("9961991").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L232	991	A47B9/16.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L233	835	A47B2021/0321,0364,0335.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM

L234	629	A47B3/00.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L235	1337	A47B61/00.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L236	1257	A47B3/02,0809,0815.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L237	189	A47B2003/025.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L238	285	312/208.1,223.3.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L239	1540	248/421,562,588,585,431432,439.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L240	12	("10405647"|"10485336"|"10849424"|"11058217"|"11219307"|"11717080"|"11771218"|"20230329430"|"D622350"|"D841014"|"D845678"|"D862936").PN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

L241	20	"20180279770"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L242	164	"7677518"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L243	21	"20180279770"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L244	276	("0200057" | "0317468" | "0606845" | "0835247" | "1217772" | "1318564" | "2692807" | "2843418" | "2916340" | "2937003" | "3092918" | "3110476" | "3152833" | "3282566" | "3295800" | "3404791" | "3444830" | "3727245" | "3823915" | "3826457" | "4072288" | "4097941" | "4221280" | "4249749" | "4382573" | "4403680" | "4433759" | "4448386" | "4449262" | "4534544" | "4549720" | "4558648" | "4558847" | "4577821" | "4611823" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4899987" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5074000" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5460460" | "5580027" | "5588377" | "5588727" | "5626323" | "5632209" | "5694864" | "5695173" | "5722513" | "5729430" | "5765797" | "5823487" | "5829948" | "5836562" | "5926876" | "5957426" | "6076785" | "6098961" | "6148739" | "6176456"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		| "6179261" | "6220558" | "6269753" | "6273382" | "6381335" | "6488248" | "6516478" | "6533229" | "6533479" | "6550740" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7568675" | "7575205" | "7677518" | "7793597" | "7841570" | "7845665" | "7946551" | "7950338" | "7988232" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8800976" | "8931750" | "8950343" | "9049923" | "9055810" | "9113703" | "9133974" | "9133976" | "9232855" | "9326598" | "9440559" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9961991" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "D832623" | "10123613" | "10159336" | "D845037" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10413055" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959" | "10869549" | "10893748" | "11083282" | "11134773" | "11134774" | "11140977" | "11147366" | "11160367" |					

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L245	33	("2016/0249737").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L246	17	("2014/0248114").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L247	50	("2018/0279770").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L248	33	(Artificial Intelligence) More like doc: US-11388989-B1 Text: (US-1318564-A OR US-317468-A OR US-2843418-A OR US-2937003-A OR US-3092918-A OR US-3295800-A OR US-3282566-A OR US-3404791-A OR US-4221280-A OR DE-2851555-C2 OR US-4448386-A OR SE-440722-B OR SE-450486-B OR US-4558648-A OR JP-S60191836-A OR US-4640488-A OR DE-8606822-U1 OR US-D302893-S OR DE-3717703-A1 OR US-4843978-A).did.	(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	2024/11/06 01:03 PM
L249	174	("1318564" | "2843418" | "2937003" | "3295800" | "3823915" | "3826457" | "4221280" | "4448386"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		| "4449262" | "4549720" | "4558648" | "4577821" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5588377" | "5626323" | "5722513" | "5765797" | "5829948" | "5836562" | "5926876" | "5957426" | "6076785" | "6098961" | "6148739" | "6176456" | "6179261" | "6269753" | "6273382" | "6488248" | "6516478" | "6533229" | "6533479" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7575205" | "7677518" | "7841570" | "7845665" | "7946551" | "7950338" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8931750" | "8950343" | "9049923" | "9055810" | "9232855" | "9326598" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "10123613" | "D845037" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10413055" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" |					

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L250	27	((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
L251	9	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH base).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
L252	24	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH (cross	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM

		ADJ beam) OR element).clm.					
L253	11	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH ((cross ADJ beam) OR element)).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
L254	270	("11800927"|"2260695"|"4909159"|"5895020"|"6135546"|"0200057"|"0317468"|"0606845"|"0835247"|"10018298"|"10023355"|"10114352"|"10123613"|"10159336"|"10244861"|"10258148"|"10258149"|"10264877"|"10306977"|"10413055"|"10499730"|"10517390"|"10524565"|"10542817"|"10544019"|"10568416"|"10575630"|"10869549"|"10893748"|"11083282"|"11134773"|"11134774"|"11140977"|"11147366"|"11160367"|"11388989"|"11388991"|"11395544"|"11464325"|"11470959"|"1217772"|"1318564"|"20030042380"|"20030213415"|"20040035332"|"20040040480"|"20050029849"|"20050120922"|"20070001077"|"20070080564"|"20070266912"|"20070295882"|"20080000393"|"20090090832"|"20090145336"|"20090146389"|"20090200437"|"20100242174"|"20100257671"|"20110001033"|"20110024958"|"20120060291"|"20120097822"|"20120188302"|"20130145972"|"20130193392"|"20130199420"|"20130340655"|"20140144352"|"20140158026"|"20140248114"|"20140339747"|"20140360411"|"20150028787"|"20150216296"|"20150231992"|"20150232005"|"20150274038"|"20150289641"|"20150368082"|"20150375896"|"20160051042"|"201	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		60060084"|"201601062 05"|"20160170402"|"20 160249737"|"20160258 573"|"20160260019"|"2 0160309889"|"2016033 8486"|"20160353880"|" 20170071332"|"201701 74486"|"20170196351"| "20170354245"|"20170 360192"|"20180008037 "|"20180055214"|"2018 0103752"|"2018012522 7"|"20180160799"|"201 80177289"|"201802139 29"|"20180255919"|"20 180279770"|"20180360 208"|"20190110588"|"2 0190183239"|"2019026 9237"|"20200029685"|" 20200107633"|"269280 7"|"2843418"|"2916340" |"2937003"|"3092918"|" 3110476"|"3152833"|"3 282566"|"3295800"|"34 04791"|"3444830"|"372 7245"|"3823915"|"3826 457"|"4072288"|"40979 41"|"4221280"|"424974 9"|"4382573"|"4403680" |"4433759"|"4448386"|" 4449262"|"4534544"|"4 549720"|"4558648"|"45 58847"|"4577821"|"461 1823"|"4625657"|"4640 488"|"4659052"|"47024 54"|"4709972"|"471711 2"|"4741512"|"4753419" |"4826123"|"4843978"|" 4899987"|"4941641"|"4 967672"|"4995130"|"50 37163"|"5048784"|"507 4000"|"5211367"|"5251 864"|"5257767"|"52940 87"|"5400720"|"546046 0"|"5580027"|"5588377" |"5588727"|"5626323"|" 5632209"|"5694864"|"5 695173"|"5722513"|"57 29430"|"5765797"|"582 3487"|"5829948"|"5836 562"|"5926876"|"59574 26"|"6076785"|"609896 1"|"6148739"|"6176456" |"6179261"|"6220558"|" 6269753"|"6273382"|"6 381335"|"6488248"|"65 16478"|"6533229"|"653 3479"|"6550740"|"6672					

		430"|"6701853"|"67023 72"|"6722618"|"674276 8"|"6792876"|"6857493" |"6938866"|"7048236"|" 7188813"|"7204193"|"7 207629"|"7246784"|"75 68675"|"7575205"|"767 7518"|"7793597"|"7841 570"|"7845665"|"79465 51"|"7950338"|"798823 2"|"8015638"|"8132518" |"8303062"|"8469152"|" 8490933"|"8544391"|"8 671853"|"8684339"|"88 00976"|"8931750"|"895 0343"|"9049923"|"9055 810"|"9113703"|"91339 74"|"9133976"|"923285 5"|"9326598"|"9440559" |"9480332"|"9504316"|" 9554644"|"9668572"|"9 681746"|"9809136"|"98 15672"|"9854904"|"995 5780"|"9961991"|"9981 571"|"9993068"|"D3028 93"|"D830739"|"D83262 3"|"D845037"|"D854775 "|"D870490"|"D901959") .PN.					
L255	50	("2018/0279770").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L256	44	(Artificial Intelligence) More like doc: US-20180279770-A1 Text: (US-5601037-A OR GB-9716964-D0 OR US-6595144-B1 OR CN-2800897-Y OR US- 20080115697-A1 OR US-7908981-B2 OR US-9155391-B2 OR US-8547057-B2 OR CN-102100445-A OR PL-2454969-T3 OR GB-2502100-B OR US- 9089207-B2 OR EP- 2917105-B1 OR US- 8991320-B2 OR DE- 102013107053-B4 OR DE-202014003943-U1 OR CN-104055344-B OR US-9681759-B2 OR CN-204207309-U OR US-20160128467- A1).did.	(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	2024/11/06 01:03 PM

L257	48	(Artificial Intelligence) Similar to: 18/481,077 with 0 CPC Selections and 0 Text Selections Text: (US-11147366-B1 OR US-11849843-B1 OR US-11134773-B1 OR US-11800927-B1 OR US-10244861-B1 OR US-10568416-B1 OR US-11160367-B1 OR US-10575630-B1 OR US-11388989-B1 OR US-11470959-B1 OR US-11134774-B1 OR US-11464325-B1 OR US-11140977-B1 OR US-10893748-B1 OR US-11388991-B1 OR US-11395544-B1 OR US-8671853-B2 OR AU-2019469836-A1 OR EP-4041030-A1 OR WO-2021069852-A1 OR US-20220369806-A1 OR CN-114667088-A OR US-20150216296-A1 OR US-20130014674-A1 OR AU-2012381034-B2 OR CA-2814945-C OR JP-2023502848-A OR AU-2012381034-A1 OR US-20180213929-A1 OR US-10524565-B2 OR US-20100308188-A1 OR EP-2685867-B1 OR US-9504316-B1 OR AU-2012381034-C1 OR WO-2017184206-A1 OR JP-2017511246-A OR US-20140144352-A1 OR CN-111642896-A OR AU-2017101717-A4 OR CA-2668355-A1 OR AU-2015247798-A1 OR EP-3420852-A1 OR EP-3131437-A2 OR WO-2015160825-A2 OR US-20150289641-A1 OR CN-106793868-B OR US-20160120300-A1 OR GB-2575456-A OR US-20200221864-A1 OR US-20160278515-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/11/06 01:03 PM

		A1).did.					
L258	196	A47B1/03;21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L259	196	A47B1/03.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L260	44	(Artificial Intelligence) More like doc: KR-20220096670-A Text: (KR-20220096670-A OR US-11700946-B2 OR US-20220240682-A1 OR CN-211779986-U OR US-20110073724-A1 OR EP-3838799-B1 OR DE-202021104968-U1 OR CA-2796211-A1 OR CN-218441656-U OR CN-117734236-A OR CN-1836428-A OR WO-2013053188-A1 OR JP-4043480-B2 OR TW-M519923-U OR KR-20020042790-A OR KR-20090067126-A OR KR-20190083044-A OR EP-3901047-B1 OR KR-101916917-B1 OR CN-100571288-C).did.	(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	2024/11/06 01:03 PM
L261	4818	A47B21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L262	957	A47B21/0314,00,02,03,04.cpc. AND spring WITH base	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO;	OR	ON	ON	2024/11/06 01:03 PM

			JPO; DERWENT; IBM_TDB)				
L263	286	("0200057" | "0317468" | "0606845" | "0835247" | "1217772" | "1318564" | "2260695" | "2692807" | "2843418" | "2916340" | "2937003" | "3092918" | "3110476" | "3152833" | "3282566" | "3295800" | "3404791" | "3444830" | "3727245" | "3823915" | "3826457" | "4072288" | "4097941" | "4221280" | "4249749" | "4382573" | "4403680" | "4433759" | "4448386" | "4449262" | "4534544" | "4549720" | "4558648" | "4558847" | "4577821" | "4611823" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4899987" | "4909159" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5074000" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5460460" | "5580027" | "5588377" | "5588727" | "5626323" | "5632209" | "5694864" | "5695173" | "5722513" | "5729430" | "5765797" | "5823487" | "5829948" | "5836562" | "5895020" | "5926876" | "5957426" | "6076785" | "6098961" | "6135546" | "6148739" | "6176456" | "6179261" | "6220558" | "6269753" | "6273382" | "6381335" | "6488248" | "6516478" | "6533229" | "6533479" | "6550740" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7568675" | "7575205" | "7677518" | "D622350" | "7793597"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		| "7841570" | "7845665" | "7946551" | "7950338" | "7988232" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8800976" | "8931750" | "8950343" | "9049923" | "9055810" | "9113703" | "9133974" | "9133976" | "9232855" | "9326598" | "9440559" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9961991" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "D832623" | "10123613" | "10159336" | "D841014" | "D845037" | "D845678" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10405647" | "10413055" | "D862936" | "10485336" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959" | "10849424" | "10869549" | "10893748" | "11058217" | "11083282" | "11134773" | "11134774" | "11140977" | "11147366" | "11160367" | "11219307" | "11388989" | "11388991" | "11395544" | "11464325" | "11470959" | "11717080" | "11771218" |					

		"11800927" | "20030042380" | "20030213415" | "20040035332" | "20040040480" | "20050029849" | "20050120922" | "20070001077" | "20070080564" | "20070266912" | "20070295882" | "20080000393" | "20090090832" | "20090145336" | "20090146389" | "20090200437" | "20100242174" | "20100257671" | "20110001033" | "20110024958" | "20120060291" | "20120097822" | "20120188302" | "20130145972" | "20130193392" | "20130199420" | "20130340655" | "20140144352" | "20140158026" | "20140248114" | "20140339747" | "20140360411" | "20150028787" | "20150216296" | "20150231992" | "20150232005" | "20150274038" | "20150289641" | "20150368082" | "20150375896" | "20160051042" | "20160060084" | "20160106205" | "20160170402" | "20160249737" | "20160258573" | "20160260019" | "20160309889" | "20160338486" | "20160353880" | "20170071332" | "20170174486" | "20170196351" | "20170354245" | "20170360192" | "20180008037" | "20180055214" | "20180103752" |				

		"20180125227" | "20180160799" | "20180177289" | "20180213929" | "20180255919" | "20180279770" | "20180360208" | "20190110588" | "20190183239" | "20190269237" | "20200029685" | "20200107633" | "20230329430").pn. OR ("11925264").urpn. AND (PGPB | USPT | USOC).dbnm.					
L264	46	("2531880" | "3938766" | "4637322" | "5005492" | "5746138" | "5996961" | "9504316" | "9615655" | "9635929" | "9681746" | "20060037518" | "20080203865" | "20090095874" | "20130139736" | "20150289641" | "20160084432" | "20170196351" | "20170290413").pn. OR ("9961991").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L265	991	A47B9/16.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L266	835	A47B2021/0321,0364,0335.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L267	629	A47B3/00.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM

L268	1337	A47B61/00.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L269	1257	A47B3/02,0809,0815.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L270	189	A47B2003/025.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L271	285	312/208.1,223.3.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L272	1540	248/421,562,588,585,431432,439.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L273	12	("10405647"|"10485336"|"10849424"|"11058217"|"11219307"|"11717080"|"11771218"|"20230329430"|"D622350"|"D841014"|"D845678"|"D862936").PN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L274	20	"20180279770"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L275	164	"7677518"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO;	OR	ON	ON	2024/11/06 01:03 PM

			JPO; DERWENT; IBM_TDB)				
L276	21	"20180279770"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L277	276	("0200057" | "0317468" | "0606845" | "0835247" | "1217772" | "1318564" | "2692807" | "2843418" | "2916340" | "2937003" | "3092918" | "3110476" | "3152833" | "3282566" | "3295800" | "3404791" | "3444830" | "3727245" | "3823915" | "3826457" | "4072288" | "4097941" | "4221280" | "4249749" | "4382573" | "4403680" | "4433759" | "4448386" | "4449262" | "4534544" | "4549720" | "4558648" | "4558847" | "4577821" | "4611823" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4899987" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5074000" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5460460" | "5580027" | "5588377" | "5588727" | "5626323" | "5632209" | "5694864" | "5695173" | "5722513" | "5729430" | "5765797" | "5823487" | "5829948" | "5836562" | "5926876" | "5957426" | "6076785" | "6098961" | "6148739" | "6176456" | "6179261" | "6220558" | "6269753" | "6273382" | "6381335" | "6488248" | "6516478" | "6533229" | "6533479" | "6550740" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		| "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7568675" | "7575205" | "7677518" | "7793597" | "7841570" | "7845665" | "7946551" | "7950338" | "7988232" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8800976" | "8931750" | "8950343" | "9049923" | "9055810" | "9113703" | "9133974" | "9133976" | "9232855" | "9326598" | "9440559" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9961991" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "D832623" | "10123613" | "10159336" | "D845037" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10413055" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959" | "10869549" | "10893748" | "11083282" | "11134773" | "11134774" | "11140977" | "11147366" | "11160367" | "11388989" | "11388991" | "11395544" | "11464325" | "11470959" | "20030042380" | "20030213415" | "20040035332" |				

		"20040040480" | "20050029849" | "20050120922" | "20070001077" | "20070080564" | "20070266912" | "20070295882" | "20080000393" | "20090090832" | "20090145336" | "20090146389" | "20090200437" | "20100242174" | "20100257671" | "20110001033" | "20110024958" | "20120060291" | "20120097822" | "20120188302" | "20130145972" | "20130193392" | "20130199420" | "20130340655" | "20140144352" | "20140158026" | "20140248114" | "20140339747" | "20140360411" | "20150028787" | "20150216296" | "20150231992" | "20150232005" | "20150274038" | "20150289641" | "20150368082" | "20150375896" | "20160051042" | "20160060084" | "20160106205" | "20160170402" | "20160249737" | "20160258573" | "20160260019" | "20160309889" | "20160338486" | "20160353880" | "20170071332" | "20170174486" | "20170196351" | "20170354245" | "20170360192" | "20180008037" | "20180055214" | "20180103752" | "20180125227" | "20180160799" | "20180177289" | "20180213929"				

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L279	17	("2014/0248114").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L280	50	("2018/0279770").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L281	33	(Artificial Intelligence) More like doc: US-11388989-B1 Text: (US-1318564-A OR US-317468-A OR US-2843418-A OR US-2937003-A OR US-3092918-A OR US-3295800-A OR US-3282566-A OR US-3404791-A OR US-4221280-A OR DE-2851555-C2 OR US-4448386-A OR SE-440722-B OR SE-450486-B OR US-4558648-A OR JP-S60191836-A OR US-4640488-A OR DE-8606822-U1 OR US-D302893-S OR DE-3717703-A1 OR US-4843978-A).did.	(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	2024/11/06 01:03 PM
L282	174	("1318564" | "2843418" | "2937003" | "3295800" | "3823915" | "3826457" | "4221280" | "4448386" | "4449262" | "4549720" | "4558648" | "4577821" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4941641"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		| "4967672" | "4995130" | "5037163" | "5048784" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5588377" | "5626323" | "5722513" | "5765797" | "5829948" | "5836562" | "5926876" | "5957426" | "6076785" | "6098961" | "6148739" | "6176456" | "6179261" | "6269753" | "6273382" | "6488248" | "6516478" | "6533229" | "6533479" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7575205" | "7677518" | "7841570" | "7845665" | "7946551" | "7950338" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8931750" | "8950343" | "9049923" | "9055810" | "9232855" | "9326598" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "10123613" | "D845037" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10413055" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959" | "10869549" | "10893748" | "11083282" | "11134773" | "11134774" |					

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L284	44	(Artificial Intelligence) Similar to: 17/959,274 with 0 CPC Selections and 0 Text Selections Text: (US-11849843-B1 OR US-11134773-B1 OR US-11800927-B1 OR US-11388989-B1 OR US-11470959-B1 OR US-11160367-B1 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/11/06 01:03 PM

		US-10568416-B1 OR US-10575630-B1 OR US-11147366-B1 OR US-11134774-B1 OR US-11464325-B1 OR US-10244861-B1 OR US-11140977-B1 OR US-10893748-B1 OR US-11388991-B1 OR US-11395544-B1 OR WO-2021069852-A1 OR EP-4041030-A1 OR CN-114667088-A OR AU-2019469836-A1 OR US-20220369806-A1 OR US-20150216296-A1 OR US-20100308188-A1 OR JP-2023502848-A OR US-20130014674-A1 OR CA-2668355-A1 OR US-10271639-B2 OR US-20170127821-A1 OR CA-2948266-A1 OR EP-3360440-A1 OR AU-2017101717-A4 OR TW-M539854-U OR US-20180213929-A1 OR US-10524565-B2 OR CN-111642896-A OR CA-2860970-A1 OR JP-2017511246-A OR MX-PA00012060-A OR EP-3420852-A1 OR US-20140144352-A1 OR DE-10249623-A1 OR EP-2842458-B1 OR AU-2014216002-A1 OR GB-2261368-A OR AU-659918-B2 OR CN-106793868-B OR EP-3131437-A2 OR WO-2015160825-A2 OR US-20150289641-A1 OR US-20160120300-A1).did.					
L285	27	((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
L286	153	("4691886" | "4729533" | "5037054" | "5044284" | "5174223" | "5200859" | "5287815" | "5405204" | "5445353" | "5564668" | "5636711" | "D393382" | "5829948" | "5938622" | "5961231" | "6286812"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		| "6585214" | "6736469" | "6905102" | "7111825" | "7383786").pn. OR ("7677518").urpn. AND (PGPB | USPT | USOC).dbnm.					
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L288	27	(((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
L289	9	(((("PONIATOWSKI") near3 ("Nathan"))).INV. AND handle.clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
L290	3	(((("PONIATOWSKI") near3 ("Nathan"))).INV. AND motor.clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
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		29430"|"2260695"|"269 2807"|"2843418"|"2916 340"|"2937003"|"30929 18"|"3110476"|"315283 3"|"3282566"|"3295800" |"3404791"|"3444830"|" 3727245"|"3823915"|"3 826457"|"4072288"|"40 97941"|"4221280"|"424 9749"|"4382573"|"4403 680"|"4433759"|"44483 86"|"4449262"|"453454 4"|"4549720"|"4558648" |"4558847"|"4577821"|" 4611823"|"4625657"|"4 640488"|"4659052"|"47 02454"|"4709972"|"471 7112"|"4741512"|"4753 419"|"4826123"|"48439 78"|"4899987"|"490915 9"|"4941641"|"4967672" |"4995130"|"5037163"|" 5048784"|"5074000"|"5 211367"|"5251864"|"52 57767"|"5294087"|"540 0720"|"5460460"|"5580 027"|"5588377"|"55887 27"|"5626323"|"563220 9"|"5694864"|"5695173" |"5722513"|"5729430"|" 5765797"|"5823487"|"5 829948"|"5836562"|"58 95020"|"5926876"|"595 7426"|"6076785"|"6098 961"|"6135546"|"61487 39"|"6176456"|"617926 1"|"6220558"|"6269753" |"6273382"|"6381335"|" 6488248"|"6516478"|"6 533229"|"6533479"|"65 50740"|"6672430"|"670 1853"|"6702372"|"6722 618"|"6742768"|"67928 76"|"6857493"|"693886 6"|"7048236"|"7188813" |"7204193"|"7207629"|" 7246784"|"7568675"|"7 575205"|"7677518"|"77 93597"|"7841570"|"784 5665"|"7946551"|"7950 338"|"7988232"|"80156 38"|"8132518"|"830306 2"|"8469152"|"8490933" |"8544391"|"8671853"|" 8684339"|"8800976"|"8 931750"|"8950343"|"90 49923"|"9055810"|"911 3703"|"9133974"|"9133					

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L294	101	"4577821"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L295	1597	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L296	86	"9326598"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM

L297	86	"9326598"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L298	21	"20180279770"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L299	17	"20120188302"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L300	50	(Artificial Intelligence) Similar to: 18/481,077 with 0 CPC Selections and 0 Text Selections Text: (US-11925264-B1 OR US-11849843-B1 OR US-11857073-B1 OR US-11147366-B1 OR US-11950699-B1 OR US-11134773-B1 OR US-11800927-B1 OR US-10244861-B1 OR US-10568416-B1 OR US-11388989-B1 OR US-11160367-B1 OR US-11944196-B1 OR US-11910926-B1 OR US-10575630-B1 OR US-11470959-B1 OR US-11864654-B1 OR US-11134774-B1 OR US-11980289-B1 OR US-11464325-B1 OR US-11140977-B1 OR US-10893748-B1 OR US-11388991-B1 OR US-11395544-B1 OR US-8671853-B2 OR AU-2023219957-A1 OR WO-2021069852-A1 OR US-20220369806-	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/11/06 01:03 PM

		A1 OR US-20150216296-A1 OR CN-114667088-A OR US-11918104-B2 OR US-20130014674-A1 OR CA-2814945-C OR AU-2012381034-B2 OR AU-2012381034-A1 OR EP-4041030-B1 OR JP-2023502848-A OR US-20100308188-A1 OR US-20180213929-A1 OR US-10524565-B2 OR JP-2017511246-A OR US-20240065432-A1 OR CA-2668355-A1 OR EP-2685867-B1 OR US-11950698-B2 OR AU-2012381034-C1 OR AU-2017101717-A4 OR CN-111642896-A OR CN-117617674-A OR US-9504316-B1 OR AU-2015247798-A1).did.					
L301	264	("10018298"|"10023355"|"10114352"|"10123613"|"10159336"|"10244861"|"10258148"|"10258149"|"10264877"|"10306977"|"10413055"|"10499730"|"10517390"|"10524565"|"10542817"|"10544019"|"10568416"|"10575630"|"10869549"|"10893748"|"11083282"|"11134773"|"11134774"|"11140977"|"11147366"|"11160367"|"11388989"|"11388991"|"11395544"|"11464325"|"11470959"|"1217772"|"1318564"|"0200057"|"20030042380"|"20030213415"|"20040035332"|"20040040480"|"20050029849"|"20050120922"|"20070001077"|"20070080564"|"20070266912"|"20070295882"|"20080000393"|"20090090832"|"20090145336"|"20090146389"|"20090200437"|"20100242174"|"20100257671"|"20110001033"|"20110024958"|"20120060291"|"20120097822	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		"|"20120188302"|"2013 0145972"|"2013019339 2"|"20130199420"|"201 30340655"|"201401443 52"|"20140158026"|"20 140248114"|"20140339 747"|"20140360411"|"2 0150028787"|"2015021 6296"|"20150231992"|" 20150232005"|"201502 74038"|"20150289641"| "20150368082"|"20150 375896"|"20160051042 "|"20160060084"|"2016 0106205"|"2016017040 2"|"20160249737"|"201 60258573"|"201602600 19"|"20160309889"|"20 160338486"|"20160353 880"|"20170071332"|"2 0170174486"|"2017019 6351"|"20170354245"|" 20170360192"|"201800 08037"|"20180055214"| "20180103752"|"20180 125227"|"20180160799 "|"20180177289"|"2018 0213929"|"2018025591 9"|"20180279770"|"201 80360208"|"201901105 88"|"20190183239"|"20 190269237"|"20200029 685"|"20200107633"|"2 692807"|"2843418"|"29 16340"|"2937003"|"309 2918"|"3110476"|"3152 833"|"0317468"|"32825 66"|"3295800"|"340479 1"|"3444830"|"3727245" |"3823915"|"3826457"|" 4072288"|"4097941"|"4 221280"|"4249749"|"43 82573"|"4403680"|"443 3759"|"4448386"|"4449 262"|"4534544"|"45497 20"|"4558648"|"455884 7"|"4577821"|"4611823" |"4625657"|"4640488"|" 4659052"|"4702454"|"4 709972"|"4717112"|"47 41512"|"4753419"|"482 6123"|"4843978"|"4899 987"|"4941641"|"49676 72"|"4995130"|"503716 3"|"5048784"|"5074000" |"5211367"|"5251864"|" 5257767"|"5294087"|"5 400720"|"5460460"|"55					

		80027"|"5588377"|"558 8727"|"5626323"|"5632 209"|"5694864"|"56951 73"|"5722513"|"572943 0"|"5765797"|"5823487" |"5829948"|"5836562"|" 5926876"|"5957426"|"0 606845"|"6076785"|"60 98961"|"6148739"|"617 6456"|"6179261"|"6220 558"|"6269753"|"62733 82"|"6381335"|"648824 8"|"6516478"|"6533229" |"6533479"|"6550740"|" 6672430"|"6701853"|"6 702372"|"6722618"|"67 42768"|"6792876"|"685 7493"|"6938866"|"7048 236"|"7188813"|"72041 93"|"7207629"|"724678 4"|"7568675"|"7575205" |"7677518"|"7793597"|" 7841570"|"7845665"|"7 946551"|"7950338"|"79 88232"|"8015638"|"813 2518"|"8303062"|"0835 247"|"8469152"|"84909 33"|"8544391"|"867185 3"|"8684339"|"8800976" |"8931750"|"8950343"|" 9049923"|"9055810"|"9 113703"|"9133974"|"91 33976"|"9232855"|"932 6598"|"9440559"|"9480 332"|"9504316"|"95546 44"|"9668572"|"968174 6"|"9809136"|"9815672" |"9854904"|"9955780"|" 9961991"|"9981571"|"9 993068"|"D302893"|"D8 30739"|"D832623"|"D84 5037"|"D854775"|"D870 490"|"D901959").PN.				
L302	87	("1234569" | "1318564" | "2156148" | "2630359" | "4926760" | "5497706" | "5588377" | "5833200" | "6182935" | "6701853" | "7849789" | "8015638" | "8544391" | "8936306").pn. OR ("9326598").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L303	27	((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM

L304	91	("1318564" | "2937003" | "3295800" | "4221280" | "4558648" | "4577821" | "4843978" | "5588377" | "5626323" | "5829948" | "5957426" | "6098961" | "6269753" | "6516478" | "6533479" | "6722618" | "6742768" | "8132518" | "8671853" | "9049923" | "9055810" | "9326598" | "9480332" | "9504316" | "9554644" | "20030213415" | "20040035332" | "20040040480" | "20070080564" | "20080000393" | "20090090832" | "20090200437" | "20110001033" | "20110024958" | "20120097822" | "20130145972" | "20130193392" | "20140144352" | "20150232005" | "20150375896" | "20160338486" | "20170174486" | "20180008037").pn. OR ("10244861").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L305	33	A47B3/00.cpc. AND (gas OR pneumatic) ADJ spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L306	191	A47B2003/025.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L307	1766	A47B61/00.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2024/11/06 01:03 PM

			IBM_TDB)				
L308	1285	A47B3/02,0809,0815.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L309	873	A47B2021/0321,0364,0335.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L310	0	("2023/0140935").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L311	1315	312/208.1,223.3.ccls.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L312	307	312/208.1,223.3.ccls. AND (spring OR gas OR pneumatic)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L313	1633	248/421,562,588,585,431432,439.ccls. AND (spring OR gas OR pneumatic)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L314	2043	108/147,144.11,145,93,96,116-118,120,43,138,50.01,50.02,28.ccls. AND (spring OR gas OR pneumatic)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L315	463287	(workstation OR work ADJ table OR adjust$4 WITH desk) AND	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD,	OR	ON	ON	2024/11/06 01:03 PM

		(spring OR gas OR pneumatic)	DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L316	3207	(workstation OR work ADJ table OR desk) WITH adjust$4 SAME (links OR arms) SAME (spring OR gas OR pneumatic)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L317	579	(workstation OR work ADJ table OR desk) WITH adjust$4 SAME (links OR arms) SAME (spring OR gas OR pneumatic) AND A47B	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L318	26	"10806247"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L319	27	((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
L320	9	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH base).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
L321	24	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH (cross ADJ beam) OR element).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
L322	11	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH ((cross ADJ beam) OR element)).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
L323	270	("11800927"|"2260695"|"4909159"|"5895020"|"6135546"|"0200057"|"0317468"|"0606845"|"0835247"|"10018298"|"10023355"|"10114352"|"10	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		123613"|"10159336"|"1 0244861"|"10258148"|" 10258149"|"10264877"| "10306977"|"10413055" |"10499730"|"10517390 "|"10524565"|"1054281 7"|"10544019"|"105684 16"|"10575630"|"10869 549"|"10893748"|"1108 3282"|"11134773"|"111 34774"|"11140977"|"11 147366"|"11160367"|"1 1388989"|"11388991"|" 11395544"|"11464325"| "11470959"|"1217772"|" 1318564"|"2003004238 0"|"20030213415"|"200 40035332"|"200400404 80"|"20050029849"|"20 050120922"|"20070001 077"|"20070080564"|"2 0070266912"|"2007029 5882"|"20080000393"|" 20090090832"|"200901 45336"|"20090146389"| "20090200437"|"20100 242174"|"20100257671 "|"20110001033"|"2011 0024958"|"2012006029 1"|"20120097822"|"201 20188302"|"201301459 72"|"20130193392"|"20 130199420"|"20130340 655"|"20140144352"|"2 0140158026"|"2014024 8114"|"20140339747"|" 20140360411"|"201500 28787"|"20150216296"| "20150231992"|"20150 232005"|"20150274038 "|"20150289641"|"2015 0368082"|"2015037589 6"|"20160051042"|"201 60060084"|"201601062 05"|"20160170402"|"20 160249737"|"20160258 573"|"20160260019"|"2 0160309889"|"2016033 8486"|"20160353880"|" 20170071332"|"201701 74486"|"20170196351"| "20170354245"|"20170 360192"|"20180008037 "|"20180055214"|"2018 0103752"|"2018012522 7"|"20180160799"|"201 80177289"|"201802139 29"|"20180255919"|"20				

		180279770"|"20180360 208"|"20190110588"|"2 0190183239"|"2019026 9237"|"20200029685"|" 20200107633"|"269280 7"|"2843418"|"2916340" |"2937003"|"3092918"|" 3110476"|"3152833"|"3 282566"|"3295800"|"34 04791"|"3444830"|"372 7245"|"3823915"|"3826 457"|"4072288"|"40979 41"|"4221280"|"424974 9"|"4382573"|"4403680" |"4433759"|"4448386"|" 4449262"|"4534544"|"4 549720"|"4558648"|"45 58847"|"4577821"|"461 1823"|"4625657"|"4640 488"|"4659052"|"47024 54"|"4709972"|"471711 2"|"4741512"|"4753419" |"4826123"|"4843978"|" 4899987"|"4941641"|"4 967672"|"4995130"|"50 37163"|"5048784"|"507 4000"|"5211367"|"5251 864"|"5257767"|"52940 87"|"5400720"|"546046 0"|"5580027"|"5588377" |"5588727"|"5626323"|" 5632209"|"5694864"|"5 695173"|"5722513"|"57 29430"|"5765797"|"582 3487"|"5829948"|"5836 562"|"5926876"|"59574 26"|"6076785"|"609896 1"|"6148739"|"6176456" |"6179261"|"6220558"|" 6269753"|"6273382"|"6 381335"|"6488248"|"65 16478"|"6533229"|"653 3479"|"6550740"|"6672 430"|"6701853"|"67023 72"|"6722618"|"674276 8"|"6792876"|"6857493" |"6938866"|"7048236"|" 7188813"|"7204193"|"7 207629"|"7246784"|"75 68675"|"7575205"|"767 7518"|"7793597"|"7841 570"|"7845665"|"79465 51"|"7950338"|"798823 2"|"8015638"|"8132518" |"8303062"|"8469152"|" 8490933"|"8544391"|"8 671853"|"8684339"|"88 00976"|"8931750"|"895					

		0343"|"9049923"|"9055810"|"9113703"|"9133974"|"9133976"|"9232855"|"9326598"|"9440559"|"9480332"|"9504316"|"9554644"|"9668572"|"9681746"|"9809136"|"9815672"|"9854904"|"9955780"|"9961991"|"9981571"|"9993068"|"D302893"|"D830739"|"D832623"|"D845037"|"D854775"|"D870490"|"D901959").PN.					
L324	50	("2018/0279770").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L325	44	(Artificial Intelligence) More like doc: US-20180279770-A1 Text: (US-5601037-A OR GB-9716964-D0 OR US-6595144-B1 OR CN-2800897-Y OR US-20080115697-A1 OR US-7908981-B2 OR US-9155391-B2 OR US-8547057-B2 OR CN-102100445-A OR PL-2454969-T3 OR GB-2502100-B OR US-9089207-B2 OR EP-2917105-B1 OR US-8991320-B2 OR DE-102013107053-B4 OR DE-202014003943-U1 OR CN-104055344-B OR US-9681759-B2 OR CN-204207309-U OR US-20160128467-A1).did.	(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	2024/11/06 01:03 PM
L326	48	(Artificial Intelligence) Similar to: 18/481,077 with 0 CPC Selections and 0 Text Selections Text: (US-11147366-B1 OR US-11849843-B1 OR US-11134773-B1 OR US-11800927-B1 OR US-10244861-B1 OR US-10568416-B1 OR US-11160367-B1 OR US-10575630-B1 OR US-11388989-B1 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/11/06 01:03 PM

		US-11470959-B1 OR US-11134774-B1 OR US-11464325-B1 OR US-11140977-B1 OR US-10893748-B1 OR US-11388991-B1 OR US-11395544-B1 OR US-8671853-B2 OR AU-2019469836-A1 OR EP-4041030-A1 OR WO-2021069852-A1 OR US-20220369806-A1 OR CN-114667088-A OR US-20150216296-A1 OR US-20130014674-A1 OR AU-2012381034-B2 OR CA-2814945-C OR JP-2023502848-A OR AU-2012381034-A1 OR US-20180213929-A1 OR US-10524565-B2 OR US-20100308188-A1 OR EP-2685867-B1 OR US-9504316-B1 OR AU-2012381034-C1 OR WO-2017184206-A1 OR JP-2017511246-A OR US-20140144352-A1 OR CN-111642896-A OR AU-2017101717-A4 OR CA-2668355-A1 OR AU-2015247798-A1 OR EP-3420852-A1 OR EP-3131437-A2 OR WO-2015160825-A2 OR US-20150289641-A1 OR CN-106793868-B OR US-20160120300-A1 OR GB-2575456-A OR US-20200221864-A1 OR US-20160278515-A1).did.					
L327	196	A47B1/03;21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L328	196	A47B1/03.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU,	OR	ON	ON	2024/11/06 01:03 PM

			SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L329	44	(Artificial Intelligence) More like doc: KR-20220096670-A Text: (KR-20220096670-A OR US-11700946-B2 OR US-20220240682-A1 OR CN-211779986-U OR US-20110073724-A1 OR EP-3838799-B1 OR DE-202021104968-U1 OR CA-2796211-A1 OR CN-218441656-U OR CN-117734236-A OR CN-1836428-A OR WO-2013053188-A1 OR JP-4043480-B2 OR TW-M519923-U OR KR-20020042790-A OR KR-20090067126-A OR KR-20190083044-A OR EP-3901047-B1 OR KR-101916917-B1 OR CN-100571288-C).did.	(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	2024/11/06 01:03 PM
L330	4818	A47B21/0314,00,02,03, 04.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L331	957	A47B21/0314,00,02,03, 04.cpc. AND spring WITH base	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L332	286	("0200057" | "0317468" | "0606845" | "0835247" | "1217772" | "1318564" | "2260695" | "2692807" | "2843418" | "2916340" | "2937003" | "3092918" | "3110476" | "3152833" | "3282566" | "3295800" | "3404791" | "3444830" | "3727245" | "3823915" | "3826457" | "4072288" | "4097941" | "4221280"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		| "4249749" | "4382573" | "4403680" | "4433759" | "4448386" | "4449262" | "4534544" | "4549720" | "4558648" | "4558847" | "4577821" | "4611823" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4899987" | "4909159" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5074000" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5460460" | "5580027" | "5588377" | "5588727" | "5626323" | "5632209" | "5694864" | "5695173" | "5722513" | "5729430" | "5765797" | "5823487" | "5829948" | "5836562" | "5895020" | "5926876" | "5957426" | "6076785" | "6098961" | "6135546" | "6148739" | "6176456" | "6179261" | "6220558" | "6269753" | "6273382" | "6381335" | "6488248" | "6516478" | "6533229" | "6533479" | "6550740" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7568675" | "7575205" | "7677518" | "D622350" | "7793597" | "7841570" | "7845665" | "7946551" | "7950338" | "7988232" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8800976" | "8931750" | "8950343" | "9049923" | "9055810" | "9113703" | "9133974" | "9133976" | "9232855" | "9326598" | "9440559" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136"				

		| "9815672" | "9854904" | "9955780" | "9961991" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "D832623" | "10123613" | "10159336" | "D841014" | "D845037" | "D845678" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10405647" | "10413055" | "D862936" | "10485336" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959" | "10849424" | "10869549" | "10893748" | "11058217" | "11083282" | "11134773" | "11134774" | "11140977" | "11147366" | "11160367" | "11219307" | "11388989" | "11388991" | "11395544" | "11464325" | "11470959" | "11717080" | "11771218" | "11800927" | "20030042380" | "20030213415" | "20040035332" | "20040040480" | "20050029849" | "20050120922" | "20070001077" | "20070080564" | "20070266912" | "20070295882" | "20080000393" | "20090090832" | "20090145336" | "20090146389" |					

		"20090200437" | "20100242174" | "20100257671" | "20110001033" | "20110024958" | "20120060291" | "20120097822" | "20120188302" | "20130145972" | "20130193392" | "20130199420" | "20130340655" | "20140144352" | "20140158026" | "20140248114" | "20140339747" | "20140360411" | "20150028787" | "20150216296" | "20150231992" | "20150232005" | "20150274038" | "20150289641" | "20150368082" | "20150375896" | "20160051042" | "20160060084" | "20160106205" | "20160170402" | "20160249737" | "20160258573" | "20160260019" | "20160309889" | "20160338486" | "20160353880" | "20170071332" | "20170174486" | "20170196351" | "20170354245" | "20170360192" | "20180008037" | "20180055214" | "20180103752" | "20180125227" | "20180160799" | "20180177289" | "20180213929" | "20180255919" | "20180279770" | "20180360208" | "20190110588" | "20190183239" | "20190269237" | "20200029685" | "20200107633" | "20230329430").pn. OR ("11925264").urpn. AND (PGPB | USPT |					

		USOC).dbnm.					
L333	46	("2531880" | "3938766" | "4637322" | "5005492" | "5746138" | "5996961" | "9504316" | "9615655" | "9635929" | "9681746" | "20060037518" | "20080203865" | "20090095874" | "20130139736" | "20150289641" | "20160084432" | "20170196351" | "20170290413").pn. OR ("9961991").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L334	991	A47B9/16.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L335	835	A47B2021/0321,0364,0335.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L336	629	A47B3/00.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L337	1337	A47B61/00.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L338	1257	A47B3/02,0809,0815.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2024/11/06 01:03 PM

			IBM_TDB)				
L339	189	A47B2003/025.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L340	285	312/208.1,223.3.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L341	1540	248/421,562,588,585,431432,439.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L342	12	("10405647"|"10485336"|"10849424"|"11058217"|"11219307"|"11717080"|"11771218"|"20230329430"|"D622350"|"D841014"|"D845678"|"D862936").PN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L343	20	"20180279770"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L344	164	"7677518"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L345	21	"20180279770"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L346	276	("0200057" | "0317468" | "0606845" | "0835247" | "1217772" | "1318564" | "2692807" | "2843418" | "2916340" | "2937003"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		| "3092918" | "3110476" | "3152833" | "3282566" | "3295800" | "3404791" | "3444830" | "3727245" | "3823915" | "3826457" | "4072288" | "4097941" | "4221280" | "4249749" | "4382573" | "4403680" | "4433759" | "4448386" | "4449262" | "4534544" | "4549720" | "4558648" | "4558847" | "4577821" | "4611823" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4899987" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5074000" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5460460" | "5580027" | "5588377" | "5588727" | "5626323" | "5632209" | "5694864" | "5695173" | "5722513" | "5729430" | "5765797" | "5823487" | "5829948" | "5836562" | "5926876" | "5957426" | "6076785" | "6098961" | "6148739" | "6176456" | "6179261" | "6220558" | "6269753" | "6273382" | "6381335" | "6488248" | "6516478" | "6533229" | "6533479" | "6550740" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7568675" | "7575205" | "7677518" | "7793597" | "7841570" | "7845665" | "7946551" | "7950338" | "7988232" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8800976" | "8931750" | "8950343" | "9049923" | "9055810" | "9113703" | "9133974" | "9133976"				

		| "9232855" | "9326598" | "9440559" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9961991" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "D832623" | "10123613" | "10159336" | "D845037" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10413055" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959" | "10869549" | "10893748" | "11083282" | "11134773" | "11134774" | "11140977" | "11147366" | "11160367" | "11388989" | "11388991" | "11395544" | "11464325" | "11470959" | "20030042380" | "20030213415" | "20040035332" | "20040040480" | "20050029849" | "20050120922" | "20070001077" | "20070080564" | "20070266912" | "20070295882" | "20080000393" | "20090090832" | "20090145336" | "20090146389" | "20090200437" | "20100242174" | "20100257671" | "20110001033" | "20110024958" |					

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L347	33	("2016/0249737").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L348	17	("2014/0248114").urpn.	(US-PGPUB; USPAT;	OR	ON	ON	2024/11/06

		AND (PGPB | USPT | USOC).dbnm.	USOCR)				01:03 PM
L349	50	("2018/0279770").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L350	33	(Artificial Intelligence) More like doc: US-11388989-B1 Text: (US-1318564-A OR US-317468-A OR US-2843418-A OR US-2937003-A OR US-3092918-A OR US-3295800-A OR US-3282566-A OR US-3404791-A OR US-4221280-A OR DE-2851555-C2 OR US-4448386-A OR SE-440722-B OR SE-450486-B OR US-4558648-A OR JP-S60191836-A OR US-4640488-A OR DE-8606822-U1 OR US-D302893-S OR DE-3717703-A1 OR US-4843978-A).did.	(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	2024/11/06 01:03 PM
L351	174	("1318564" | "2843418" | "2937003" | "3295800" | "3823915" | "3826457" | "4221280" | "4448386" | "4449262" | "4549720" | "4558648" | "4577821" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5588377" | "5626323" | "5722513" | "5765797" | "5829948" | "5836562" | "5926876" | "5957426" | "6076785" | "6098961" | "6148739" | "6176456" | "6179261" | "6269753" | "6273382" | "6488248" | "6516478" | "6533229" | "6533479" | "6672430" | "6701853" | "6702372" | "6722618"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		| "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7575205" | "7677518" | "7841570" | "7845665" | "7946551" | "7950338" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8931750" | "8950343" | "9049923" | "9055810" | "9232855" | "9326598" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "10123613" | "D845037" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10413055" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959" | "10869549" | "10893748" | "11083282" | "11134773" | "11134774" | "11140977" | "11147366" | "11160367" | "20030042380" | "20030213415" | "20050120922" | "20070001077" | "20070080564" | "20070266912" | "20080000393" | "20090145336" | "20100242174" | "20120097822" | "20120188302" | "20130193392" | "20140144352" |					

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L352	27	((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
L353	9	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH base).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
L354	24	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH (cross ADJ beam) OR element).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
L355	11	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH ((cross ADJ beam) OR element)).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
L356	270	("11800927"|"2260695"| "4909159"|"5895020"|"6135546"|"0200057"|"0317468"|"0606845"|"0835247"|"10018298"|"10023355"|"10114352"|"10123613"|"10159336"|"10244861"|"10258148"|"10258149"|"10264877"| "10306977"|"10413055"|"10499730"|"10517390"|"10524565"|"10542817"|"10544019"|"10568416"|"10575630"|"10869549"|"10893748"|"1108	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		3282"|"11134773"|"111 34774"|"11140977"|"11 147366"|"11160367"|"1 1388989"|"11388991"|" 11395544"|"11464325"| "11470959"|"1217772"|" 1318564"|"2003004238 0"|"20030213415"|"200 40035332"|"200400404 80"|"20050029849"|"20 050120922"|"20070001 077"|"20070080564"|"2 0070266912"|"2007029 5882"|"20080000393"|" 20090090832"|"200901 45336"|"20090146389"| "20090200437"|"20100 242174"|"20100257671 "|"20110001033"|"2011 0024958"|"2012006029 1"|"20120097822"|"201 20188302"|"201301459 72"|"20130193392"|"20 130199420"|"20130340 655"|"20140144352"|"2 0140158026"|"2014024 8114"|"20140339747"|" 20140360411"|"201500 28787"|"20150216296"| "20150231992"|"20150 232005"|"20150274038 "|"20150289641"|"2015 0368082"|"2015037589 6"|"20160051042"|"201 60060084"|"201601062 05"|"20160170402"|"20 160249737"|"20160258 573"|"20160260019"|"2 0160309889"|"2016033 8486"|"20160353880"|" 20170071332"|"201701 74486"|"20170196351"| "20170354245"|"20170 360192"|"20180008037 "|"20180055214"|"2018 0103752"|"2018012522 7"|"20180160799"|"201 80177289"|"201802139 29"|"20180255919"|"20 180279770"|"20180360 208"|"20190110588"|"2 0190183239"|"2019026 9237"|"20200029685"|" 20200107633"|"269280 7"|"2843418"|"2916340" |"2937003"|"3092918"|" 3110476"|"3152833"|"3 282566"|"3295800"|"34					

		04791"|"3444830"|"372 7245"|"3823915"|"3826 457"|"4072288"|"40979 41"|"4221280"|"424974 9"|"4382573"|"4403680" |"4433759"|"4448386"|" 4449262"|"4534544"|"4 549720"|"4558648"|"45 58847"|"4577821"|"461 1823"|"4625657"|"4640 488"|"4659052"|"47024 54"|"4709972"|"471711 2"|"4741512"|"4753419" |"4826123"|"4843978"|" 4899987"|"4941641"|"4 967672"|"4995130"|"50 37163"|"5048784"|"507 4000"|"5211367"|"5251 864"|"5257767"|"52940 87"|"5400720"|"546046 0"|"5580027"|"5588377" |"5588727"|"5626323"|" 5632209"|"5694864"|"5 695173"|"5722513"|"57 29430"|"5765797"|"582 3487"|"5829948"|"5836 562"|"5926876"|"59574 26"|"6076785"|"609896 1"|"6148739"|"6176456" |"6179261"|"6220558"|" 6269753"|"6273382"|"6 381335"|"6488248"|"65 16478"|"6533229"|"653 3479"|"6550740"|"6672 430"|"6701853"|"67023 72"|"6722618"|"674276 8"|"6792876"|"6857493" |"6938866"|"7048236"|" 7188813"|"7204193"|"7 207629"|"7246784"|"75 68675"|"7575205"|"767 7518"|"7793597"|"7841 570"|"7845665"|"79465 51"|"7950338"|"798823 2"|"8015638"|"8132518" |"8303062"|"8469152"|" 8490933"|"8544391"|"8 671853"|"8684339"|"88 00976"|"8931750"|"895 0343"|"9049923"|"9055 810"|"9113703"|"91339 74"|"9133976"|"923285 5"|"9326598"|"9440559" |"9480332"|"9504316"|" 9554644"|"9668572"|"9 681746"|"9809136"|"98 15672"|"9854904"|"995 5780"|"9961991"|"9981					

		571"|"9993068"|"D302893"|"D830739"|"D832623"|"D845037"|"D854775"|"D870490"|"D901959").PN.					
L357	50	("2018/0279770").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L358	44	(Artificial Intelligence) More like doc: US-20180279770-A1 Text: (US-5601037-A OR GB-9716964-D0 OR US-6595144-B1 OR CN-2800897-Y OR US-20080115697-A1 OR US-7908981-B2 OR US-9155391-B2 OR US-8547057-B2 OR CN-102100445-A OR PL-2454969-T3 OR GB-2502100-B OR US-9089207-B2 OR EP-2917105-B1 OR US-8991320-B2 OR DE-102013107053-B4 OR DE-202014003943-U1 OR CN-104055344-B OR US-9681759-B2 OR CN-204207309-U OR US-20160128467-A1).did.	(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	2024/11/06 01:03 PM
L359	48	(Artificial Intelligence) Similar to: 18/481,077 with 0 CPC Selections and 0 Text Selections Text: (US-11147366-B1 OR US-11849843-B1 OR US-11134773-B1 OR US-11800927-B1 OR US-10244861-B1 OR US-10568416-B1 OR US-11160367-B1 OR US-10575630-B1 OR US-11388989-B1 OR US-11470959-B1 OR US-11134774-B1 OR US-11464325-B1 OR US-11140977-B1 OR US-10893748-B1 OR US-11388991-B1 OR US-11395544-B1 OR US-8671853-B2 OR AU-2019469836-A1 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/11/06 01:03 PM

		EP-4041030-A1 OR WO-2021069852-A1 OR US-20220369806-A1 OR CN-114667088-A OR US-20150216296-A1 OR US-20130014674-A1 OR AU-2012381034-B2 OR CA-2814945-C OR JP-2023502848-A OR AU-2012381034-A1 OR US-20180213929-A1 OR US-10524565-B2 OR US-20100308188-A1 OR EP-2685867-B1 OR US-9504316-B1 OR AU-2012381034-C1 OR WO-2017184206-A1 OR JP-2017511246-A OR US-20140144352-A1 OR CN-111642896-A OR AU-2017101717-A4 OR CA-2668355-A1 OR AU-2015247798-A1 OR EP-3420852-A1 OR EP-3131437-A2 OR WO-2015160825-A2 OR US-20150289641-A1 OR CN-106793868-B OR US-20160120300-A1 OR GB-2575456-A OR US-20200221864-A1 OR US-20160278515-A1).did.					
L360	196	A47B1/03;21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L361	196	A47B1/03.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L362	44	(Artificial Intelligence) More like doc: KR-20220096670-A Text: (KR-20220096670-A OR US-11700946-B2	(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,	OR	ON	ON	2024/11/06 01:03 PM

		OR US-20220240682-A1 OR CN-211779986-U OR US-20110073724-A1 OR EP-3838799-B1 OR DE-202021104968-U1 OR CA-2796211-A1 OR CN-218441656-U OR CN-117734236-A OR CN-1836428-A OR WO-2013053188-A1 OR JP-4043480-B2 OR TW-M519923-U OR KR-20020042790-A OR KR-20090067126-A OR KR-20190083044-A OR EP-3901047-B1 OR KR-101916917-B1 OR CN-100571288-C).did.	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)				
L363	4818	A47B21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L364	957	A47B21/0314,00,02,03,04.cpc. AND spring WITH base	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L365	286	("0200057" | "0317468" | "0606845" | "0835247" | "1217772" | "1318564" | "2260695" | "2692807" | "2843418" | "2916340" | "2937003" | "3092918" | "3110476" | "3152833" | "3282566" | "3295800" | "3404791" | "3444830" | "3727245" | "3823915" | "3826457" | "4072288" | "4097941" | "4221280" | "4249749" | "4382573" | "4403680" | "4433759" | "4448386" | "4449262" | "4534544" | "4549720" | "4558648" | "4558847" | "4577821" | "4611823" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		| "4826123" | "4843978" | "D302893" | "4899987" | "4909159" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5074000" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5460460" | "5580027" | "5588377" | "5588727" | "5626323" | "5632209" | "5694864" | "5695173" | "5722513" | "5729430" | "5765797" | "5823487" | "5829948" | "5836562" | "5895020" | "5926876" | "5957426" | "6076785" | "6098961" | "6135546" | "6148739" | "6176456" | "6179261" | "6220558" | "6269753" | "6273382" | "6381335" | "6488248" | "6516478" | "6533229" | "6533479" | "6550740" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7568675" | "7575205" | "7677518" | "D622350" | "7793597" | "7841570" | "7845665" | "7946551" | "7950338" | "7988232" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8800976" | "8931750" | "8950343" | "9049923" | "9055810" | "9113703" | "9133974" | "9133976" | "9232855" | "9326598" | "9440559" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9961991" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "D832623" | "10123613" | "10159336" | "D841014" | "D845037" | "D845678" |					

		"10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10405647" | "10413055" | "D862936" | "10485336" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959" | "10849424" | "10869549" | "10893748" | "11058217" | "11083282" | "11134773" | "11134774" | "11140977" | "11147366" | "11160367" | "11219307" | "11388989" | "11388991" | "11395544" | "11464325" | "11470959" | "11717080" | "11771218" | "11800927" | "20030042380" | "20030213415" | "20040035332" | "20040040480" | "20050029849" | "20050120922" | "20070001077" | "20070080564" | "20070266912" | "20070295882" | "20080000393" | "20090090832" | "20090145336" | "20090146389" | "20090200437" | "20100242174" | "20100257671" | "20110001033" | "20110024958" | "20120060291" | "20120097822" | "20120188302" | "20130145972" | "20130193392" |				

		"20130199420" | "20130340655" | "20140144352" | "20140158026" | "20140248114" | "20140339747" | "20140360411" | "20150028787" | "20150216296" | "20150231992" | "20150232005" | "20150274038" | "20150289641" | "20150368082" | "20150375896" | "20160051042" | "20160060084" | "20160106205" | "20160170402" | "20160249737" | "20160258573" | "20160260019" | "20160309889" | "20160338486" | "20160353880" | "20170071332" | "20170174486" | "20170196351" | "20170354245" | "20170360192" | "20180008037" | "20180055214" | "20180103752" | "20180125227" | "20180160799" | "20180177289" | "20180213929" | "20180255919" | "20180279770" | "20180360208" | "20190110588" | "20190183239" | "20190269237" | "20200029685" | "20200107633" | "20230329430").pn. OR ("11925264").urpn. AND (PGPB | USPT | USOC).dbnm.					
L366	46	("2531880" | "3938766" | "4637322" | "5005492" | "5746138" | "5996961" | "9504316" | "9615655" | "9635929" | "9681746" | "20060037518" | "20080203865" | "20090095874" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		"20130139736" | "20150289641" | "20160084432" | "20170196351" | "20170290413").pn. OR ("9961991").urpn. AND (PGPB | USPT | USOC).dbnm.					
L367	991	A47B9/16.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L368	835	A47B2021/0321,0364,0335.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L369	629	A47B3/00.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L370	1337	A47B61/00.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L371	1257	A47B3/02,0809,0815.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L372	189	A47B2003/025.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM

L373	285	312/208.1,223.3.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L374	1540	248/421,562,588,585,431432,439.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L375	12	("10405647"|"10485336"|"10849424"|"11058217"|"11219307"|"11717080"|"11771218"|"20230329430"|"D622350"|"D841014"|"D845678"|"D862936").PN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L376	20	"20180279770"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L377	164	"7677518"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L378	21	"20180279770"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L379	276	("0200057" | "0317468" | "0606845" | "0835247" | "1217772" | "1318564" | "2692807" | "2843418" | "2916340" | "2937003" | "3092918" | "3110476" | "3152833" | "3282566" | "3295800" | "3404791" | "3444830" | "3727245" | "3823915" | "3826457" | "4072288" | "4097941" | "4221280" | "4249749" | "4382573" | "4403680" | "4433759" | "4448386" | "4449262" | "4534544"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		| "4549720" | "4558648" | "4558847" | "4577821" | "4611823" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4899987" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5074000" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5460460" | "5580027" | "5588377" | "5588727" | "5626323" | "5632209" | "5694864" | "5695173" | "5722513" | "5729430" | "5765797" | "5823487" | "5829948" | "5836562" | "5926876" | "5957426" | "6076785" | "6098961" | "6148739" | "6176456" | "6179261" | "6220558" | "6269753" | "6273382" | "6381335" | "6488248" | "6516478" | "6533229" | "6533479" | "6550740" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7568675" | "7575205" | "7677518" | "7793597" | "7841570" | "7845665" | "7946551" | "7950338" | "7988232" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8800976" | "8931750" | "8950343" | "9049923" | "9055810" | "9113703" | "9133974" | "9133976" | "9232855" | "9326598" | "9440559" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9961991" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739"				

		| "10114352" | "D832623" | "10123613" | "10159336" | "D845037" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10413055" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959" | "10869549" | "10893748" | "11083282" | "11134773" | "11134774" | "11140977" | "11147366" | "11160367" | "11388989" | "11388991" | "11395544" | "11464325" | "11470959" | "20030042380" | "20030213415" | "20040035332" | "20040040480" | "20050029849" | "20050120922" | "20070001077" | "20070080564" | "20070266912" | "20070295882" | "20080000393" | "20090090832" | "20090145336" | "20090146389" | "20090200437" | "20100242174" | "20100257671" | "20110001033" | "20110024958" | "20120060291" | "20120097822" | "20120188302" | "20130145972" | "20130193392" | "20130199420" | "20130340655" | "20140144352" | "20140158026" | "20140248114" |					

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L382	50	("2018/0279770").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L383	33	(Artificial Intelligence) More like doc: US-11388989-B1 Text:	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU,	OR	ON	ON	2024/11/06 01:03 PM

		(US-1318564-A OR US-317468-A OR US-2843418-A OR US-2937003-A OR US-3092918-A OR US-3295800-A OR US-3282566-A OR US-3404791-A OR US-4221280-A OR DE-2851555-C2 OR US-4448386-A OR SE-440722-B OR SE-450486-B OR US-4558648-A OR JP-S60191836-A OR US-4640488-A OR DE-8606822-U1 OR US-D302893-S OR DE-3717703-A1 OR US-4843978-A).did.	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)				
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		| "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8931750" | "8950343" | "9049923" | "9055810" | "9232855" | "9326598" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "10123613" | "D845037" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10413055" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959" | "10869549" | "10893748" | "11083282" | "11134773" | "11134774" | "11140977" | "11147366" | "11160367" | "20030042380" | "20030213415" | "20050120922" | "20070001077" | "20070080564" | "20070266912" | "20080000393" | "20090145336" | "20100242174" | "20120097822" | "20120188302" | "20130193392" | "20140144352" | "20150028787" | "20150216296" | "20150289641" | "20160249737" | "20160338486" | "20160353880" | "20170071332" | "20170196351" | "20170354245" |				

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		AU-2017101717-A4 OR TW-M539854-U OR US-20180213929-A1 OR US-10524565-B2 OR CN-111642896-A OR CA-2860970-A1 OR JP-2017511246-A OR MX-PA00012060-A OR EP-3420852-A1 OR US-20140144352-A1 OR DE-10249623-A1 OR EP-2842458-B1 OR AU-2014216002-A1 OR GB-2261368-A OR AU-659918-B2 OR CN-106793868-B OR EP-3131437-A2 OR WO-2015160825-A2 OR US-20150289641-A1 OR US-20160120300-A1).did.					
L387	27	((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
L388	153	("4691886" | "4729533" | "5037054" | "5044284" | "5174223" | "5200859" | "5287815" | "5405204" | "5445353" | "5564668" | "5636711" | "D393382" | "5829948" | "5938622" | "5961231" | "6286812" | "6585214" | "6736469" | "6905102" | "7111825" | "7383786").pn. OR ("7677518").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L389	69	("1714244" | "2624535" | "2843418" | "4405116" | "4477045" | "4640488" | "4651652" | "4753419" | "5174223" | "5211367" | "5224429" | "5722513" | "5729430" | "5833198" | "5957426" | "6286629" | "6336627" | "6516478" | "7246784" | "7677518" | "D660308" | "8424883" | "8662477" | "8839723" | "8947215" | "8967057" | "9113703" | "9277809" | "9486070" | "9554644" | "20050147181" | "20070034125" | "20090078167" | "20120248263" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

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L391	9	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND handle.clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
L392	3	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND motor.clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
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L396	101	"4577821"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L397	1597	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L398	86	"9326598"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L399	86	"9326598"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L400	21	"20180279770"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L401	17	"20120188302"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM

L402	50	(Artificial Intelligence) Similar to: 18/481,077 with 0 CPC Selections and 0 Text Selections Text: (US-11925264-B1 OR US-11849843-B1 OR US-11857073-B1 OR US-11147366-B1 OR US-11950699-B1 OR US-11134773-B1 OR US-11800927-B1 OR US-10244861-B1 OR US-10568416-B1 OR US-11388989-B1 OR US-11160367-B1 OR US-11944196-B1 OR US-11910926-B1 OR US-10575630-B1 OR US-11470959-B1 OR US-11864654-B1 OR US-11134774-B1 OR US-11980289-B1 OR US-11464325-B1 OR US-11140977-B1 OR US-10893748-B1 OR US-11388991-B1 OR US-11395544-B1 OR US-8671853-B2 OR AU-2023219957-A1 OR WO-2021069852-A1 OR US-20220369806-A1 OR US-20150216296-A1 OR CN-114667088-A OR US-11918104-B2 OR US-20130014674-A1 OR CA-2814945-C OR AU-2012381034-B2 OR AU-2012381034-A1 OR EP-4041030-B1 OR JP-2023502848-A OR US-20100308188-A1 OR US-20180213929-A1 OR US-10524565-B2 OR JP-2017511246-A OR US-20240065432-A1 OR CA-2668355-A1 OR EP-2685867-B1 OR US-11950698-B2 OR AU-2012381034-C1 OR AU-2017101717-A4 OR CN-111642896-A OR CN-117617674-A OR US-9504316-B1 OR AU-2015247798-A1).did.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/11/06 01:03 PM

L403	264	("10018298"|"10023355"|"10114352"|"10123613"|"10159336"|"10244861"|"10258148"|"10258149"|"10264877"|"10306977"|"10413055"|"10499730"|"10517390"|"10524565"|"10542817"|"10544019"|"10568416"|"10575630"|"10869549"|"10893748"|"11083282"|"11134773"|"11134774"|"11140977"|"11147366"|"11160367"|"11388989"|"11388991"|"11395544"|"11464325"|"11470959"|"1217772"|"1318564"|"0200057"|"20030042380"|"20030213415"|"20040035332"|"20040040480"|"20050029849"|"20050120922"|"20070001077"|"20070080564"|"20070266912"|"20070295882"|"20080000393"|"20090090832"|"20090145336"|"20090146389"|"20090200437"|"20100242174"|"20100257671"|"20110001033"|"20110024958"|"20120060291"|"20120097822"|"20120188302"|"20130145972"|"20130193392"|"20130199420"|"20130340655"|"20140144352"|"20140158026"|"20140248114"|"20140339747"|"20140360411"|"20150028787"|"20150216296"|"20150231992"|"20150232005"|"20150274038"|"20150289641"|"20150368082"|"20150375896"|"20160051042"|"20160060084"|"20160106205"|"20160170402"|"20160249737"|"20160258573"|"20160260019"|"20160309889"|"20160338486"|"20160353880"|"20170071332"|"20170174486"|"20170196351"|"20170354245"|"20170360192"|"20180008037"|"20180055214"|"20180103752"|"20180125227"|"20180160799	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		"|"20180177289"|"2018 0213929"|"2018025591 9"|"20180279770"|"201 80360208"|"201901105 88"|"20190183239"|"20 190269237"|"20200029 685"|"20200107633"|"2 692807"|"2843418"|"29 16340"|"2937003"|"309 2918"|"3110476"|"3152 833"|"0317468"|"32825 66"|"3295800"|"340479 1"|"3444830"|"3727245" |"3823915"|"3826457"|" 4072288"|"4097941"|"4 221280"|"4249749"|"43 82573"|"4403680"|"443 3759"|"4448386"|"4449 262"|"4534544"|"45497 20"|"4558648"|"455884 7"|"4577821"|"4611823" |"4625657"|"4640488"|" 4659052"|"4702454"|"4 709972"|"4717112"|"47 41512"|"4753419"|"482 6123"|"4843978"|"4899 987"|"4941641"|"49676 72"|"4995130"|"503716 3"|"5048784"|"5074000" |"5211367"|"5251864"|" 5257767"|"5294087"|"5 400720"|"5460460"|"55 80027"|"5588377"|"558 8727"|"5626323"|"5632 209"|"5694864"|"56951 73"|"5722513"|"572943 0"|"5765797"|"5823487" |"5829948"|"5836562"|" 5926876"|"5957426"|"0 606845"|"6076785"|"60 98961"|"6148739"|"617 6456"|"6179261"|"6220 558"|"6269753"|"62733 82"|"6381335"|"648824 8"|"6516478"|"6533229" |"6533479"|"6550740"|" 6672430"|"6701853"|"6 702372"|"6722618"|"67 42768"|"6792876"|"685 7493"|"6938866"|"7048 236"|"7188813"|"72041 93"|"7207629"|"724678 4"|"7568675"|"7575205" |"7677518"|"7793597"|" 7841570"|"7845665"|"7 946551"|"7950338"|"79 88232"|"8015638"|"813 2518"|"8303062"|"0835					

		247"|"8469152"|"84909 33"|"8544391"|"867185 3"|"8684339"|"8800976" |"8931750"|"8950343"|" 9049923"|"9055810"|"9 113703"|"9133974"|"91 33976"|"9232855"|"932 6598"|"9440559"|"9480 332"|"9504316"|"95546 44"|"9668572"|"968174 6"|"9809136"|"9815672" |"9854904"|"9955780"|" 9961991"|"9981571"|"9 993068"|"D302893"|"D8 30739"|"D832623"|"D84 5037"|"D854775"|"D870 490"|"D901959").PN.					
L404	87	("1234569" | "1318564" | "2156148" | "2630359" | "4926760" | "5497706" | "5588377" | "5833200" | "6182935" | "6701853" | "7849789" | "8015638" | "8544391" | "8936306").pn. OR ("9326598").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L405	27	((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 01:03 PM
L406	91	("1318564" | "2937003" | "3295800" | "4221280" | "4558648" | "4577821" | "4843978" | "5588377" | "5626323" | "5829948" | "5957426" | "6098961" | "6269753" | "6516478" | "6533479" | "6722618" | "6742768" | "8132518" | "8671853" | "9049923" | "9055810" | "9326598" | "9480332" | "9504316" | "9554644" | "20030213415" | "20040035332" | "20040040480" | "20070080564" | "20080000393" | "20090090832" | "20090200437" | "20110001033" | "20110024958" | "20120097822" | "20130145972" | "20130193392" | "20140144352" |	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		"20150232005" | "20150375896" | "20160338486" | "20170174486" | "20180008037").pn. OR ("10244861").urpn. AND (PGPB | USPT | USOC).dbnm.					
L407	33	A47B3/00.cpc. AND (gas OR pneumatic) ADJ spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L408	191	A47B2003/025.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L409	1766	A47B61/00.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L410	1285	A47B3/02,0809,0815.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L411	873	A47B2021/0321,0364,0335.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L412	0	("2023/0140935").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L413	1315	312/208.1,223.3.ccls.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR,	OR	ON	ON	2024/11/06 01:03 PM

			GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L414	307	312/208.1,223.3.ccls. AND (spring OR gas OR pneumatic)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L415	1633	248/421,562,588,585,431432,439.ccls. AND (spring OR gas OR pneumatic)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L416	2043	108/147,144.11,145,93,96,116-118,120,43,138,50.01,50.02,28.ccls. AND (spring OR gas OR pneumatic)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L417	463287	(workstation OR work ADJ table OR adjust$4 WITH desk) AND (spring OR gas OR pneumatic)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L418	3207	(workstation OR work ADJ table OR desk) WITH adjust$4 SAME (links OR arms) SAME (spring OR gas OR pneumatic)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L419	579	(workstation OR work ADJ table OR desk) WITH adjust$4 SAME (links OR arms) SAME (spring OR gas OR pneumatic) AND A47B	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L420	26	"10806247"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD,	OR	ON	ON	2024/11/06 01:03 PM

			DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L421	21	"20180279770"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L422	50	("2018/0279770").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L423	44	(Artificial Intelligence) More like doc: US-20180279770-A1 Text: (US-5601037-A OR GB-9716964-D0 OR US-6595144-B1 OR CN-2800897-Y OR US-20080115697-A1 OR US-7908981-B2 OR US-9155391-B2 OR US-8547057-B2 OR CN-102100445-A OR PL-2454969-T3 OR GB-2502100-B OR US-9089207-B2 OR EP-2917105-B1 OR US-8991320-B2 OR DE-102013107053-B4 OR DE-202014003943-U1 OR CN-104055344-B OR US-9681759-B2 OR CN-204207309-U OR US-20160128467-A1).did.	(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	2024/11/06 01:03 PM
L424	50	(Artificial Intelligence) Similar to: 18/481,077 with 0 CPC Selections and 0 Text Selections Text: (US-11925264-B1 OR US-11857073-B1 OR US-11849843-B1 OR US-11147366-B1 OR US-11950699-B1 OR US-11134773-B1 OR US-11800927-B1 OR US-10568416-B1 OR US-10244861-B1 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/11/06 01:03 PM

		US-11388989-B1 OR US-11160367-B1 OR US-11944196-B1 OR US-11910926-B1 OR US-10575630-B1 OR US-11470959-B1 OR US-11864654-B1 OR US-11134774-B1 OR US-11980289-B1 OR US-11464325-B1 OR US-11140977-B1 OR US-10893748-B1 OR US-11388991-B1 OR US-12029315-B1 OR US-11395544-B1 OR US-8671853-B2 OR AU-2023219957-A1 OR WO-2021069852-A1 OR US-20220369806-A1 OR US-20150216296-A1 OR CN-114667088-A OR US-11918104-B2 OR US-20130014674-A1 OR CA-2814945-C OR AU-2012381034-B2 OR AU-2012381034-A1 OR EP-4041030-B1 OR JP-2023502848-A OR US-20100308188-A1 OR US-20180213929-A1 OR US-10524565-B2 OR JP-2017511246-A OR US-20240065432-A1 OR CA-2668355-A1 OR EP-2685867-B1 OR US-11950698-B2 OR CN-111642896-A OR AU-2017101717-A4 OR AU-2012381034-C1 OR CN-117617674-A OR US-9504316-B1).did.					
L425	286	("0200057" | "0317468" | "0606845" | "0835247" | "1217772" | "1318564" | "2260695" | "2692807" | "2843418" | "2916340" | "2937003" | "3092918" | "3110476" | "3152833" | "3282566" | "3295800" | "3404791" | "3444830" | "3727245" | "3823915" | "3826457" | "4072288" | "4097941" | "4221280" | "4249749" | "4382573" | "4403680" | "4433759" | "4448386" | "4449262"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		| "4534544" | "4549720" | "4558648" | "4558847" | "4577821" | "4611823" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4899987" | "4909159" | "4941641" | "4967672" | "4995130" | "5037163" | "5048784" | "5074000" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5460460" | "5580027" | "5588377" | "5588727" | "5626323" | "5632209" | "5694864" | "5695173" | "5722513" | "5729430" | "5765797" | "5823487" | "5829948" | "5836562" | "5895020" | "5926876" | "5957426" | "6076785" | "6098961" | "6135546" | "6148739" | "6176456" | "6179261" | "6220558" | "6269753" | "6273382" | "6381335" | "6488248" | "6516478" | "6533229" | "6533479" | "6550740" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7568675" | "7575205" | "7677518" | "D622350" | "7793597" | "7841570" | "7845665" | "7946551" | "7950338" | "7988232" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8800976" | "8931750" | "8950343" | "9049923" | "9055810" | "9113703" | "9133974" | "9133976" | "9232855" | "9326598" | "9440559" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9961991" | "9981571" | "9993068"				

		| "10018298" | "10023355" | "D830739" | "10114352" | "D832623" | "10123613" | "10159336" | "D841014" | "D845037" | "D845678" | "10244861" | "10258148" | "10258149" | "10264877" | "10306977" | "D854775" | "10405647" | "10413055" | "D862936" | "10485336" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959" | "10849424" | "10869549" | "10893748" | "11058217" | "11083282" | "11134773" | "11134774" | "11140977" | "11147366" | "11160367" | "11219307" | "11388989" | "11388991" | "11395544" | "11464325" | "11470959" | "11717080" | "11771218" | "11800927" | "20030042380" | "20030213415" | "20040035332" | "20040040480" | "20050029849" | "20050120922" | "20070001077" | "20070080564" | "20070266912" | "20070295882" | "20080000393" | "20090090832" | "20090145336" | "20090146389" | "20090200437" | "20100242174" | "20100257671" |					

		"20110001033" | "20110024958" | "20120060291" | "20120097822" | "20120188302" | "20130145972" | "20130193392" | "20130199420" | "20130340655" | "20140144352" | "20140158026" | "20140248114" | "20140339747" | "20140360411" | "20150028787" | "20150216296" | "20150231992" | "20150232005" | "20150274038" | "20150289641" | "20150368082" | "20150375896" | "20160051042" | "20160060084" | "20160106205" | "20160170402" | "20160249737" | "20160258573" | "20160260019" | "20160309889" | "20160338486" | "20160353880" | "20170071332" | "20170174486" | "20170196351" | "20170354245" | "20170360192" | "20180008037" | "20180055214" | "20180103752" | "20180125227" | "20180160799" | "20180177289" | "20180213929" | "20180255919" | "20180279770" | "20180360208" | "20190110588" | "20190183239" | "20190269237" | "20200029685" | "20200107633" | "20230329430").pn. OR ("11925264").urpn. AND (PGPB | USPT | USOC).dbnm.					
L426	27	((("PONIATOWSKI")	(US-PGPUB; USPAT;	OR	ON	ON	2024/11/06

		near3 ("Nathan"))).INV.	USOCR; EPO; JPO; DERWENT)				01:03 PM
L427	56	"6672430"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L428	27	"20110001033"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L429	35	"8469152"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 01:03 PM
L430	290	("11849843"|"11910926"|"0200057"|"0317468"|"0606845"|"0835247"|"10018298"|"10023355"|"10114352"|"10123613"|"10159336"|"10244861"|"10258148"|"10258149"|"10264877"|"10306977"|"10405647"|"10413055"|"10485336"|"10499730"|"10517390"|"10524565"|"10542817"|"10544019"|"10568416"|"10575630"|"10849424"|"10869549"|"10893748"|"11058217"|"11083282"|"11134773"|"11134774"|"11140977"|"11147366"|"11160367"|"11219307"|"11388989"|"11388991"|"11395544"|"11464325"|"11470959"|"11717080"|"11771218"|"11800927"|"11857073"|"11864654"|"11925264"|"11944196"|"11950699"|"11980289"|"1217772"|"1318564"|"20030042380"|"20030213415"|"20040035332"|"200400404	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM

		80"|"20050029849"|"20 050120922"|"20070001 077"|"20070080564"|"2 0070266912"|"2007029 5882"|"20080000393"|" 20090090832"|"200901 45336"|"20090146389"| "20090200437"|"20100 242174"|"20100257671 "|"20110001033"|"2011 0024958"|"2012006029 1"|"20120097822"|"201 20188302"|"201301459 72"|"20130193392"|"20 130199420"|"20130340 655"|"20140144352"|"2 0140158026"|"2014024 8114"|"20140339747"|" 20140360411"|"201500 28787"|"20150216296"| "20150231992"|"20150 232005"|"20150274038 "|"20150289641"|"2015 0368082"|"2015037589 6"|"20160051042"|"201 60060084"|"201601062 05"|"20160170402"|"20 160249737"|"20160258 573"|"20160260019"|"2 0160309889"|"2016033 8486"|"20160353880"|" 20170071332"|"201701 74486"|"20170196351"| "20170354245"|"20170 360192"|"20180008037 "|"20180055214"|"2018 0103752"|"2018012522 7"|"20180160799"|"201 80177289"|"201802139 29"|"20180255919"|"20 180279770"|"20180360 208"|"20190110588"|"2 0190183239"|"2019026 9237"|"20200029685"|" 20200107633"|"202303 29430"|"2260695"|"269 2807"|"2843418"|"2916 340"|"2937003"|"30929 18"|"3110476"|"315283 3"|"3282566"|"3295800" |"3404791"|"3444830"|" 3727245"|"3823915"|"3 826457"|"4072288"|"40 97941"|"4221280"|"424 9749"|"4382573"|"4403 680"|"4433759"|"44483 86"|"4449262"|"453454 4"|"4549720"|"4558648"					

		|"4558847"|"4577821"|"4611823"|"4625657"|"4640488"|"4659052"|"4702454"|"4709972"|"4717112"|"4741512"|"4753419"|"4826123"|"4843978"|"4899987"|"4909159"|"4941641"|"4967672"|"4995130"|"5037163"|"5048784"|"5074000"|"5211367"|"5251864"|"5257767"|"5294087"|"5400720"|"5460460"|"5580027"|"5588377"|"5588727"|"5626323"|"5632209"|"5694864"|"5695173"|"5722513"|"5729430"|"5765797"|"5823487"|"5829948"|"5836562"|"5895020"|"5926876"|"5957426"|"6076785"|"6098961"|"6135546"|"6148739"|"6176456"|"6179261"|"6220558"|"6269753"|"6273382"|"6381335"|"6488248"|"6516478"|"6533229"|"6533479"|"6550740"|"6672430"|"6701853"|"6702372"|"6722618"|"6742768"|"6792876"|"6857493"|"6938866"|"7048236"|"7188813"|"7204193"|"7207629"|"7246784"|"7568675"|"7575205"|"7677518"|"7793597"|"7841570"|"7845665"|"7946551"|"7950338"|"7988232"|"8015638"|"8132518"|"8303062"|"8469152"|"8490933"|"8544391"|"8671853"|"8684339"|"8800976"|"8931750"|"8950343"|"9049923"|"9055810"|"9113703"|"9133974"|"9133976"|"9232855"|"9326598"|"9440559"|"9480332"|"9504316"|"9554644"|"9668572"|"9681746"|"9809136"|"9815672"|"9854904"|"9955780"|"9961991"|"9981571"|"9993068"|"D302893"|"D622350"|"D830739"|"D832623"|"D841014"|"D845037"|"D845678"|"D854775"|"D862936"|"D870490"|"D901959").PN.				

L431	42	("2018/0103752").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:03 PM
L432	41	(Artificial Intelligence) More like doc: US-20180103752-A1 Text: (US-3219338-A OR US-4558648-A OR BR-8606631-A OR SE-467812-B OR SE-9003607-L OR US-5400720-A OR DE-19537159-C1 OR US-5695173-A OR US-6672430-B2 OR US-6691626-B2 OR US-20050120922-A1 OR US-8888070-B2 OR DE-102013008020-B4 OR US-9326598-B1 OR US-10544019-B2 OR US-9504316-B1 OR TW-M528117-U OR US-10258149-B2 OR US-20180103752-A1 OR DE-10024537-B4).did.	(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	2024/11/06 01:03 PM
L433	290	("11849843"|"11857073"|"11864654"|"11910926"|"11925264"|"11944196"|"11950699"|"11980289"|"10405647"|"10485336"|"10849424"|"11058217"|"11219307"|"11717080"|"11771218"|"20230329430"|"D622350"|"D841014"|"D845678"|"D862936"|"11800927"|"2260695"|"4909159"|"5895020"|"6135546"|"0200057"|"0317468"|"0606845"|"0835247"|"10018298"|"10023355"|"10114352"|"10123613"|"10159336"|"10244861"|"10258148"|"10258149"|"10264877"|"10306977"|"10413055"|"10499730"|"10517390"|"10524565"|"10542817"|"10544019"|"10568416"|"10575630"|"10869549"|"10893748"|"11083282"|"11134773"|"11134774"|"11140977"|"11147366"|"11160367"|"11388989"|"1	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/06 01:05 PM

		1388991"|"11395544"|"11464325"|"11470959"|"1217772"|"1318564"|"20030042380"|"20030213415"|"20040035332"|"20040040480"|"20050029849"|"20050120922"|"20070001077"|"20070080564"|"20070266912"|"20070295882"|"20080000393"|"20090090832"|"20090145336"|"20090146389"|"20090200437"|"20100242174"|"20100257671"|"20110001033"|"20110024958"|"20120060291"|"20120097822"|"20120188302"|"20130145972"|"20130193392"|"20130199420"|"20130340655"|"20140144352"|"20140158026"|"20140248114"|"20140339747"|"20140360411"|"20150028787"|"20150216296"|"20150231992"|"20150232005"|"20150274038"|"20150289641"|"20150368082"|"20150375896"|"20160051042"|"20160060084"|"20160106205"|"20160170402"|"20160249737"|"20160258573"|"20160260019"|"20160309889"|"20160338486"|"20160353880"|"20170071332"|"20170174486"|"20170196351"|"20170354245"|"20170360192"|"20180008037"|"20180055214"|"20180103752"|"20180125227"|"20180160799"|"20180177289"|"20180213929"|"20180255919"|"20180279770"|"20180360208"|"20190110588"|"20190183239"|"20190269237"|"20200029685"|"20200107633"|"2692807"|"2843418"|"2916340"|"2937003"|"3092918"|"3110476"|"3152833"|"3282566"|"3295800"|"3404791"|"3444830"|"3727245"|"3823915"|"3826457"|"4072288"|"4097941"|"422128					

		0"|"4249749"|"4382573" |"4403680"|"4433759"|" 4448386"|"4449262"|"4 534544"|"4549720"|"45 58648"|"4558847"|"457 7821"|"4611823"|"4625 657"|"4640488"|"46590 52"|"4702454"|"470997 2"|"4717112"|"4741512" |"4753419"|"4826123"|" 4843978"|"4899987"|"4 941641"|"4967672"|"49 95130"|"5037163"|"504 8784"|"5074000"|"5211 367"|"5251864"|"52577 67"|"5294087"|"540072 0"|"5460460"|"5580027" |"5588377"|"5588727"|" 5626323"|"5632209"|"5 694864"|"5695173"|"57 22513"|"5729430"|"576 5797"|"5823487"|"5829 948"|"5836562"|"59268 76"|"5957426"|"607678 5"|"6098961"|"6148739" |"6176456"|"6179261"|" 6220558"|"6269753"|"6 273382"|"6381335"|"64 88248"|"6516478"|"653 3229"|"6533479"|"6550 740"|"6672430"|"67018 53"|"6702372"|"672261 8"|"6742768"|"6792876" |"6857493"|"6938866"|" 7048236"|"7188813"|"7 204193"|"7207629"|"72 46784"|"7568675"|"757 5205"|"7677518"|"7793 597"|"7841570"|"78456 65"|"7946551"|"795033 8"|"7988232"|"8015638" |"8132518"|"8303062"|" 8469152"|"8490933"|"8 544391"|"8671853"|"86 84339"|"8800976"|"893 1750"|"8950343"|"9049 923"|"9055810"|"91137 03"|"9133974"|"913397 6"|"9232855"|"9326598" |"9440559"|"9480332"|" 9504316"|"9554644"|"9 668572"|"9681746"|"98 09136"|"9815672"|"985 4904"|"9955780"|"9961 991"|"9981571"|"99930 68"|"D302893"|"D83073 9"|"D832623"|"D845037 "|"D854775"|"D870490"|				

		"D901959").PN.					
L434	16	"20150216296"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 04:09 PM
L435	42100	ltou.in.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 04:13 PM
L436	47	ltou.in. AND A47B	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 04:13 PM
L437	128	"5251864"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 04:17 PM
L438	78	"9815672"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 04:22 PM
L439	101	"4577821"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 04:23 PM
L440	27	((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 04:25 PM
L441	24	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND gas ADJ spring	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 04:25 PM

L442	19	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (gas ADJ spring).clm.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/11/06 04:28 PM
L443	27	"20110001033"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 05:50 PM
L444	2320	gas ADJ spring SAME (table OR desk) AND A47B	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 05:54 PM
L445	681	gas ADJ spring WITH lift$4 SAME (table OR desk) AND A47B	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/06 05:54 PM
L446	20034	gas ADJ spring WITH lift$4	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/07 07:53 AM
L447	2363	gas ADJ spring WITH lift$4 SAME horizontal	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/07 07:54 AM
L448	158	gas ADJ spring WITH lift$4 SAME horizontal AND A47B	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/07 07:54 AM
L449	83	gas ADJ spring WITH lift$4 SAME linear AND A47B	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD,	OR	ON	ON	2024/11/07 08:02 AM

			DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L450	0	gas ADJ spring WITH lift$4 SAME linear AND 108/$.ccls.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/07 08:09 AM
L451	2	gas ADJ spring WITH lift$4 SAME linear AND 312/$.ccls.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/07 08:09 AM
L452	81	gas ADJ spring WITH lift$4 AND 108/$.ccls.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/07 08:09 AM
L453	11	gas ADJ spring WITH bar AND 108/$.ccls.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/07 08:15 AM
L454	91	("0256583" | "D315462" | "D316786" | "2541075" | "2649345" | "2890010" | "3080835" | "3285207" | "3425761" | "3565372" | "3710735" | "3765676" | "3778125" | "3877667" | "3999733" | "4373334" | "4381714" | "4403760" | "4550666" | "4616798" | "4632349" | "4651652" | "4667605" | "4691886" | "4706919" | "4708312" | "4711184" | "4747353" | "4751884" | "4768744" | "4779922" | "4826123" | "4836478" | "4843978" | "4850563" | "4852842" | "4880270" | "4898103"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/07 08:17 AM

		| "4920458" | "4974808" | "4988066" | "5005492").pn. OR ("5398622").urpn. AND (PGPB | USPT | USOC).dbnm.					
L455	52	("4496200" | "4616798" | "4625657" | "4644875" | "4653893" | "4691888" | "4706919" | "4776284" | "5031867" | "5037054" | "5145136" | "5211367" | "5230298" | "5257767" | "5292097" | "5398622" | "5513579" | "5626323" | "5653413" | "5683064" | "5685235" | "5697303" | "5704299" | "5707034" | "5775657" | "5791263" | "5823487" | "5836560" | "5839373" | "5878674" | "5924664" | "5992810" | "6098935" | "6135404" | "6135405" | "6158359" | "6227508" | "6257538" | "6296215" | "6488248" | "6565056" | "20030178541").pn. OR ("7013813").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/07 08:22 AM
L456	143	gas ADJ spring WITH lift$4 AND 248/$.ccls.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/07 08:28 AM
L457	17	"20120188302"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/07 08:32 AM
L458	24	("2012/0188302").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/11/07 08:33 AM
L459	164	"7677518"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO;	OR	ON	ON	2024/11/07 08:59 AM

			JPO; DERWENT; IBM_TDB)				
L460	19	"20030213415"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/07 11:11 AM
L461	21	"20180279770"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/07 11:21 AM
L462	42	"105124920"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/11/07 01:09 PM
L463	50	(Artificial Intelligence) Similar to: Unpublished Application # with 0 CPC Selections and 0 Text Selections Text: (US-11147366-B1 OR US-10575630-B1 OR US-11857073-B1 OR US-11849843-B1 OR US-11134773-B1 OR US-11950699-B1 OR US-11944196-B1 OR US-10244861-B1 OR US-11464325-B1 OR US-10568416-B1 OR US-11160367-B1 OR US-11925264-B1 OR US-11800927-B1 OR US-11470959-B1 OR US-12102229-B1 OR US-12082696-B1 OR US-11864654-B1 OR US-11910926-B1 OR US-12082695-B1 OR US-11140977-B1 OR US-11980289-B1 OR US-11388989-B1 OR US-11134774-B1 OR US-12029315-B1 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/11/25 02:57 PM

		US-11388991-B1 OR US-10893748-B1 OR US-11395544-B1 OR US-8671853-B2 OR CA-2814945-C OR US-20150216296-A1 OR WO-2021069852-A1 OR AU-2019469836-A1 OR AU-2012381034-B2 OR AU-2012381034-C1 OR AU-2012381034-A1 OR US-20130139736-A1 OR EP-2685867-B1 OR AU-2023219957-A1 OR WO-2013176690-A1 OR KR-20140098842-A OR CA-2814945-A1 OR US-20160037909-A1 OR US-9289058-B2 OR US-20140238279-A1 OR US-11918104-B2 OR US-20220369806-A1 OR US-20150272316-A1 OR WO-2015153099-A1 OR AU-2015201469-A1 OR EP-2926689-A1).did.					
L464	299	("12121149"|"20140041554"|"2225243"|"457478 5"|"D308537"|"0200057"|"0317468"|"0606845"|"0835247"|"10018298"|"10023355"|"10114352"|"10123613"|"10159336"|"10244861"|"10258148"|"10258149"|"10264877"|"10306977"|"10405647"|"10413055"|"10485336"|"10499730"|"10517390"|"10524565"|"10542817"|"10544019"|"10568416"|"10575630"|"10849424"|"10869549"|"10893748"|"11058217"|"11083282"|"11134773"|"11134774"|"11140977"|"11147366"|"11160367"|"11219307"|"11388989"|"11388991"|"11395544"|"11464325"|"11470959"|"11717080"|"11771218"|"11800927"|"11849843"|"11857073"|"11864654"|"11910926"|"11925264"|"11944196"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/12/17 01:41 PM

		|"11950699"|"11980289"|"12082695"|"12082696"|"12102229"|"1217772"|"1318564"|"20030042380"|"20030213415"|"20040035332"|"20040040480"|"20050029849"|"20050120922"|"20070001077"|"20070080564"|"20070266912"|"20070295882"|"20080000393"|"20090090832"|"20090145336"|"20090146389"|"20090200437"|"20100242174"|"20100257671"|"20110001033"|"20110024958"|"20120060291"|"20120097822"|"20120188302"|"20130145972"|"20130193392"|"20130199420"|"20130340655"|"20140144352"|"20140158026"|"20140248114"|"20140339747"|"20140360411"|"20150028787"|"20150216296"|"20150231992"|"20150232005"|"20150274038"|"20150289641"|"20150368082"|"20150375896"|"20160051042"|"20160060084"|"20160106205"|"20160170402"|"20160249737"|"20160258573"|"20160260019"|"20160309889"|"20160338486"|"20160353880"|"20170071332"|"20170174486"|"20170196351"|"20170354245"|"20170360192"|"20180008037"|"20180055214"|"20180103752"|"20180125227"|"20180160799"|"20180177289"|"20180213929"|"20180255919"|"20180279770"|"20180360208"|"20190110588"|"20190183239"|"20190269237"|"20200029685"|"20200107633"|"20230329430"|"2260695"|"2692807"|"2843418"|"2916340"|"2937003"|"3092918"|"3110476"|"3152833"|"3282566"|"3295800"|"3404791"|"3444830"|"3727245"|"382391					

		5"|"3826457"|"4072288" |"4097941"|"4221280"|" 4249749"|"4382573"|"4 403680"|"4433759"|"44 48386"|"4449262"|"453 4544"|"4549720"|"4558 648"|"4558847"|"45778 21"|"4611823"|"462565 7"|"4640488"|"4659052" |"4702454"|"4709972"|" 4717112"|"4741512"|"4 753419"|"4826123"|"48 43978"|"4899987"|"490 9159"|"4941641"|"4967 672"|"4995130"|"50371 63"|"5048784"|"507400 0"|"5211367"|"5251864" |"5257767"|"5294087"|" 5400720"|"5460460"|"5 580027"|"5588377"|"55 88727"|"5626323"|"563 2209"|"5694864"|"5695 173"|"5722513"|"57294 30"|"5765797"|"582348 7"|"5829948"|"5836562" |"5895020"|"5926876"|" 5957426"|"6076785"|"6 098961"|"6135546"|"61 48739"|"6176456"|"617 9261"|"6220558"|"6269 753"|"6273382"|"63813 35"|"6488248"|"651647 8"|"6533229"|"6533479" |"6550740"|"6672430"|" 6701853"|"6702372"|"6 722618"|"6742768"|"67 92876"|"6857493"|"693 8866"|"7048236"|"7188 813"|"7204193"|"72076 29"|"7246784"|"756867 5"|"7575205"|"7677518" |"7793597"|"7841570"|" 7845665"|"7946551"|"7 950338"|"7988232"|"80 15638"|"8132518"|"830 3062"|"8469152"|"8490 933"|"8544391"|"86718 53"|"8684339"|"880097 6"|"8931750"|"8950343" |"9049923"|"9055810"|" 9113703"|"9133974"|"9 133976"|"9232855"|"93 26598"|"9440559"|"948 0332"|"9504316"|"9554 644"|"9668572"|"96817 46"|"9809136"|"981567 2"|"9854904"|"9955780" |"9961991"|"9981571"|					

		9993068"|"D302893"|"D622350"|"D830739"|"D832623"|"D841014"|"D845037"|"D845678"|"D854775"|"D862936"|"D870490"|"D901959").PN.					
L465	31	(Artificial Intelligence) More like doc: US-D845037-S Text: (US-2766088-A OR TW-567779-U OR US-D716074-S OR CN-111642896-B OR US-9326598-B1 OR US-D781617-S OR US-D781618-S OR KR-20160100175-A OR AU-2016322281-B2 OR US-9504316-B1 OR CN-105901923-B OR US-20170354245-A1 OR US-D845037-S OR US-D830739-S OR US-D465941-S OR US-D809828-S OR US-D371701-S OR US-D423827-S OR US-D598676-S OR US-D732317-S).did.	(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	2024/12/17 01:45 PM
L466	87	("1234569" | "1318564" | "2156148" | "2630359" | "4926760" | "5497706" | "5588377" | "5833200" | "6182935" | "6701853" | "7849789" | "8015638" | "8544391" | "8936306").pn. OR ("9326598").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/12/17 01:47 PM
L467	33	("2016/0249737").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/12/17 01:54 PM
L468	27	((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	ON	ON	2024/12/17 02:03 PM
L469	293	("10018298"|"10023355"|"10114352"|"10123613"|"10159336"|"10244861"|"10258148"|"10258149"|"10264877"|"10306977"|"10405647"|"10413055"|"10485336"|"10499730"|"10517390"|"10524565"|"10542817"|"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/12/17 02:04 PM

		10544019"|"10568416"|"10575630"|"10849424"|"10869549"|"10893748"|"11058217"|"11083282"|"11134773"|"11134774"|"11140977"|"11147366"|"11160367"|"11219307"|"11388989"|"11388991"|"11395544"|"11464325"|"11470959"|"11717080"|"11771218"|"11800927"|"11849843"|"11857073"|"11864654"|"11910926"|"11925264"|"11944196"|"11950699"|"11980289"|"12082695"|"12082696"|"12102229"|"1217772"|"1318564"|"0200057"|"20030042380"|"20030213415"|"20040035332"|"20040040480"|"20050029849"|"20050120922"|"20070001077"|"20070080564"|"20070266912"|"20070295882"|"20080000393"|"20090090832"|"20090145336"|"20090146389"|"20090200437"|"20100242174"|"20100257671"|"20110001033"|"20110024958"|"20120060291"|"20120097822"|"20120188302"|"20130145972"|"20130193392"|"20130199420"|"20130340655"|"20140144352"|"20140158026"|"20140248114"|"20140339747"|"20140360411"|"20150028787"|"20150216296"|"20150231992"|"20150232005"|"20150274038"|"20150289641"|"20150368082"|"20150375896"|"20160051042"|"20160060084"|"20160106205"|"20160170402"|"20160249737"|"20160258573"|"20160260019"|"20160309889"|"20160338486"|"20160353880"|"20170071332"|"20170174486"|"20170196351"|"20170354245"|"20170360192"|"20180008037"|"20180055214"|"20180103752"|"201801					

		25227"|"20180160799"|"20180177289"|"20180213929"|"20180255919"|"20180279770"|"20180360208"|"20190110588"|"20190183239"|"20190269237"|"20200029685"|"20200107633"|"20230329430"|"2260695"|"2692807"|"2843418"|"2916340"|"2937003"|"3092918"|"3110476"|"3152833"|"0317468"|"3282566"|"3295800"|"3404791"|"3444830"|"3727245"|"3823915"|"3826457"|"4072288"|"4097941"|"4221280"|"4249749"|"4382573"|"4403680"|"4433759"|"4448386"|"4449262"|"4534544"|"4549720"|"4558648"|"4558847"|"4577821"|"4611823"|"4625657"|"4640488"|"4659052"|"4702454"|"4709972"|"4717112"|"4741512"|"4753419"|"4826123"|"4843978"|"4899987"|"4909159"|"4941641"|"4967672"|"4995130"|"5037163"|"5048784"|"5074000"|"5211367"|"5251864"|"5257767"|"5294087"|"5400720"|"5460460"|"5580027"|"5588377"|"5588727"|"5626323"|"5632209"|"5694864"|"5695173"|"5722513"|"5729430"|"5765797"|"5823487"|"5829948"|"5836562"|"5895020"|"5926876"|"5957426"|"0606845"|"6076785"|"6098961"|"6135546"|"6148739"|"6176456"|"6179261"|"6220558"|"6269753"|"6273382"|"6381335"|"6488248"|"6516478"|"6533229"|"6533479"|"6550740"|"6672430"|"6701853"|"6702372"|"6722618"|"6742768"|"6792876"|"6857493"|"6938866"|"7048236"|"7188813"|"7204193"|"7207629"|"7246784"|"7568675"|"7575205"|"7677518"|"7793597"|"7841570"|"7					

		845665"|"7946551"|"7950338"|"7988232"|"8015638"|"8132518"|"8303062"|"0835247"|"8469152"|"8490933"|"8544391"|"8671853"|"8684339"|"8800976"|"8931750"|"8950343"|"9049923"|"9055810"|"9113703"|"9133974"|"9133976"|"9232855"|"9326598"|"9440559"|"9480332"|"9504316"|"9554644"|"9668572"|"9681746"|"9809136"|"9815672"|"9854904"|"9955780"|"9961991"|"9981571"|"9993068"|"D302893"|"D622350"|"D830739"|"D832623"|"D841014"|"D845037"|"D845678"|"D854775"|"D862936"|"D870490"|"D901959").PN.					
L470	154	("4691886" | "4729533" | "5037054" | "5044284" | "5174223" | "5200859" | "5287815" | "5405204" | "5445353" | "5564668" | "5636711" | "D393382" | "5829948" | "5938622" | "5961231" | "6286812" | "6585214" | "6736469" | "6905102" | "7111825" | "7383786").pn. OR ("7677518").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/12/17 02:10 PM
L471	17	"5823378"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/12/18 06:47 AM
L472	18	("1920261" | "2399384" | "3696729" | "3952908" | "4658339" | "4755917" | "4790445" | "5041949" | "5159155" | "5497308" | "5499734").pn. OR ("5823378").urpn. AND (PGPB | USPT | USOC).dbnm.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/12/18 06:53 AM
L473	17	"20120188302"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP,	OR	ON	ON	2024/12/18 07:20 AM

			AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L474	19	"20030213415"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/12/18 07:22 AM
L475	165	"7677518"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/12/18 08:29 AM
L476	86	"9326598"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/12/18 09:16 AM
L477	483	A47B AND arms SAME pivot$4 SAME gas ADJ spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/12/19 07:28 AM
L478	16810	(A47B9/16 OR A47B21/02 OR A47B21/0314 OR A47B21/04 OR A47B2021/0335).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/12/19 07:40 AM
L479	834	(A47B9/16 OR A47B21/02 OR A47B21/0314 OR A47B21/04 OR A47B2021/0335).cpc. AND gas ADJ spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/12/19 07:40 AM
L480	1315	312/208.1,223.3.ccls.	(US-PGPUB; USPAT;	OR	ON	ON	2024/12/19

			USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				07:54 AM
L481	2992	248/421,562,588585,431432,439.ccls.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/12/19 09:40 AM
L482	1254	248/421,562,588585,431432,439.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/12/19 09:40 AM
L483	1875	108/147,144.11,145,93,96,116-118,120,43,138,50.01,50.02,28.ccls. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/12/19 09:59 AM
L484	626	A47B2021/0321,0364.cpc. AND spring	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/12/19 10:07 AM
L485	1554	A47B2021/0321,0364.cpc. AND keyboard	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/12/19 11:07 AM
L486	1020	485 NOT 484	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/12/19 11:08 AM

L487	102	"4577821"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/12/31 08:40 AM
L488	103	"3282566"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/12/31 08:42 AM
L489	43	("12102229"|"12121149"|"20140041554"|"2225243"|"4574785"|"D308537").PN.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/12/31 08:47 AM
L490	7	("12102229"|"12121149"|"20140041554"|"2225243"|"4574785"|"D308537").PN.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/12/31 08:47 AM
L491	50	(Artificial Intelligence) Similar to: 18/898,549 with 0 CPC Selections and 0 Text Selections Text: (US-11849843-B1 OR US-11857073-B1 OR US-11950699-B1 OR US-11147366-B1 OR US-11134773-B1 OR US-10575630-B1 OR US-11944196-B1 OR US-11464325-B1 OR US-11800927-B1 OR US-11160367-B1 OR US-12102229-B1 OR US-11470959-B1 OR US-10568416-B1 OR US-10244861-B1 OR US-12121149-B1 OR US-11925264-B1 OR US-12082695-B1 OR US-11864654-B1 OR US-11910926-B1 OR US-12082696-B1 OR US-11980289-B1 OR US-11388989-B1 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, CA, CH, CN, DD, DE, EA, EP, ES, FR, GB, JP, KR, OA, RU, SU, WO))	OR	ON	ON	2024/12/31 12:01 PM

		US-11134774-B1 OR US-11140977-B1 OR US-12029315-B1 OR US-11388991-B1 OR US-10893748-B1 OR US-11395544-B1 OR US-8671853-B2 OR CA-2814945-C OR AU-2012381034-A1 OR US-20130139736-A1 OR EP-2685867-B1 OR KR-20140098842-A OR WO-2013176690-A1 OR CA-2814945-A1 OR AU-2012381034-B2 OR AU-2012381034-C1 OR AU-2019469836-A1 OR WO-2021069852-A1 OR US-20150216296-A1 OR AU-2023219957-A1 OR US-20160037909-A1 OR US-11918104-B2 OR US-20140158026-A1 OR US-20130340655-A1 OR US-20140238279-A1 OR US-20220369806-A1 OR US-9289058-B2 OR US-9055810-B2).did.					
L492	286	("0200057" | "0317468" | "0606845" | "0835247" | "1217772" | "1318564" | "2260695" | "2692807" | "2843418" | "2916340" | "2937003" | "3092918" | "3110476" | "3152833" | "3282566" | "3295800" | "3404791" | "3444830" | "3727245" | "3823915" | "3826457" | "4072288" | "4097941" | "4221280" | "4249749" | "4382573" | "4403680" | "4433759" | "4448386" | "4449262" | "4534544" | "4549720" | "4558648" | "4558847" | "4577821" | "4611823" | "4625657" | "4640488" | "4659052" | "4702454" | "4709972" | "4717112" | "4741512" | "4753419" | "4826123" | "4843978" | "D302893" | "4899987" | "4909159" | "4941641" | "4967672" | "4995130"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/12/31 12:02 PM

		| "5037163" | "5048784" | "5074000" | "5211367" | "5251864" | "5257767" | "5294087" | "5400720" | "5460460" | "5580027" | "5588377" | "5588727" | "5626323" | "5632209" | "5694864" | "5695173" | "5722513" | "5729430" | "5765797" | "5823487" | "5829948" | "5836562" | "5895020" | "5926876" | "5957426" | "6076785" | "6098961" | "6135546" | "6148739" | "6176456" | "6179261" | "6220558" | "6269753" | "6273382" | "6381335" | "6488248" | "6516478" | "6533229" | "6533479" | "6550740" | "6672430" | "6701853" | "6702372" | "6722618" | "6742768" | "6792876" | "6857493" | "6938866" | "7048236" | "7188813" | "7204193" | "7207629" | "7246784" | "7568675" | "7575205" | "7677518" | "D622350" | "7793597" | "7841570" | "7845665" | "7946551" | "7950338" | "7988232" | "8015638" | "8132518" | "8303062" | "8469152" | "8490933" | "8544391" | "8671853" | "8684339" | "8800976" | "8931750" | "8950343" | "9049923" | "9055810" | "9113703" | "9133974" | "9133976" | "9232855" | "9326598" | "9440559" | "9480332" | "9504316" | "9554644" | "9668572" | "9681746" | "9809136" | "9815672" | "9854904" | "9955780" | "9961991" | "9981571" | "9993068" | "10018298" | "10023355" | "D830739" | "10114352" | "D832623" | "10123613" | "10159336" | "D841014" | "D845037" | "D845678" | "10244861" | "10258148" | "10258149" | "10264877" |					

		"10306977" | "D854775" | "10405647" | "10413055" | "D862936" | "10485336" | "D870490" | "10499730" | "10517390" | "10524565" | "10542817" | "10544019" | "10568416" | "10575630" | "D901959" | "10849424" | "10869549" | "10893748" | "11058217" | "11083282" | "11134773" | "11134774" | "11140977" | "11147366" | "11160367" | "11219307" | "11388989" | "11388991" | "11395544" | "11464325" | "11470959" | "11717080" | "11771218" | "11800927" | "20030042380" | "20030213415" | "20040035332" | "20040040480" | "20050029849" | "20050120922" | "20070001077" | "20070080564" | "20070266912" | "20070295882" | "20080000393" | "20090090832" | "20090145336" | "20090146389" | "20090200437" | "20100242174" | "20100257671" | "20110001033" | "20110024958" | "20120060291" | "20120097822" | "20120188302" | "20130145972" | "20130193392" | "20130199420" | "20130340655" | "20140144352" | "20140158026" |					

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L493	299	("12102229"|"12121149"|"20140041554"|"2225243"|"4574785"|"D308537"|"0200057"|"0317468"|"0606845"|"0835247"|"10018298"|"10023355"|"10114352"|"10123613"|"10159336"|"10244861"|"10258148"|"10258149"|"10264877"|"10306977"|"10405647"|"10413055"|"10485336"|"10	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2024/12/31 12:03 PM

		499730"|"10517390"|"1 0524565"|"10542817"|" 10544019"|"10568416"| "10575630"|"10849424" |"10869549"|"10893748 "|"11058217"|"1108328 2"|"11134773"|"111347 74"|"11140977"|"11147 366"|"11160367"|"1121 9307"|"11388989"|"113 88991"|"11395544"|"11 464325"|"11470959"|"1 1717080"|"11771218"|" 11800927"|"11849843"| "11857073"|"11864654" |"11910926"|"11925264 "|"11944196"|"1195069 9"|"11980289"|"120826 95"|"12082696"|"12177 72"|"1318564"|"200300 42380"|"20030213415"| "20040035332"|"20040 040480"|"20050029849 "|"20050120922"|"2007 0001077"|"2007008056 4"|"20070266912"|"200 70295882"|"200800003 93"|"20090090832"|"20 090145336"|"20090146 389"|"20090200437"|"2 0100242174"|"2010025 7671"|"20110001033"|" 20110024958"|"201200 60291"|"20120097822"| "20120188302"|"20130 145972"|"20130193392 "|"20130199420"|"2013 0340655"|"2014014435 2"|"20140158026"|"201 40248114"|"201403397 47"|"20140360411"|"20 150028787"|"20150216 296"|"20150231992"|"2 0150232005"|"2015027 4038"|"20150289641"|" 20150368082"|"201503 75896"|"20160051042"| "20160060084"|"20160 106205"|"20160170402 "|"20160249737"|"2016 0258573"|"2016026001 9"|"20160309889"|"201 60338486"|"201603538 80"|"20170071332"|"20 170174486"|"20170196 351"|"20170354245"|"2 0170360192"|"2018000 8037"|"20180055214"|"					

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PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
N1	8	A47B1/03;21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/22 01:56 PM
N2	175	A47B1/03;21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/22 01:57 PM
N3	3120	A47B21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/22 01:59 PM
N4	175	A47B1/03.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/22 02:34 PM
N5	648	312/208.1,223.3.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/22 02:41 PM
N6	1945	248/421,562,588,585,431,432,439.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/22 06:42 PM
N7	3281	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/22 06:47 PM
N8	797	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/22 06:47 PM
N9	433	A47B9/16.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/22 07:15 PM
N10	376	A47B2021/0321,0364.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/22 07:28 PM
N11	952	A47B3/02,0809,0815.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/22 07:29 PM

N12	161	A47B2003/025.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/22 08:01 PM
N13	563	A47B3/00.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/03/22 08:03 PM
N14	52	A47B2003/025.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/01 01:38 PM
N15	8	A47B1/03;21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 03:38 PM
N16	187	A47B1/03;21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 03:38 PM
N17	3151	A47B21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 03:38 PM
N18	187	A47B1/03.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 03:38 PM
N19	649	312/208.1,223.3.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 03:38 PM
N20	1945	248/421,562,588,585,431,432,439.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 03:38 PM
N21	3282	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 03:38 PM
N22	798	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 03:38 PM
N23	448	A47B9/16.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 03:38 PM
N24	381	A47B2021/0321,0364.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 03:38 PM
N25	958	A47B3/02,0809,0815.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 03:38 PM
N26	164	A47B2003/025.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 03:38 PM
N27	565	A47B3/00.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 03:38 PM
N28	52	A47B2003/025.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 03:38 PM
N29	649	312/208.1,223.3.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 03:57 PM
N30	1691	248/421,562,588,585,431432,439.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 03:58 PM
N31	4074	108/147,144.11,145,93,96,116-118,120,43,138,50.01,50.02,28.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 04:00 PM
N32	3053	108/93,96,116-118,120,43,138,50.01,5	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 04:00 PM

		0.02,28.ccls.					
N33	1895	108/93,96,116-118,120,43,138.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 04:00 PM
N34	54	"147,144.11,145,50.01,50.02,28".ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 04:01 PM
N35	2301	108/147,144.11,145,50.01,50.02,28.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 04:02 PM
N36	187	A47B1/03.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 04:03 PM
N37	3151	A47B21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 04:04 PM
N38	1163	A47B21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 04:05 PM
N39	243	A47B9/16.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 04:06 PM
N40	310	A47B2021/0321,0364,0335.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 04:06 PM
N41	114	A47B3/00.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 04:07 PM
N42	69	A47B61/00.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 04:08 PM
N43	260	A47B3/02,0809,0815.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 04:09 PM
N44	51	A47B2003/025.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/07/31 04:11 PM
N45	8	A47B1/03;21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N46	187	A47B1/03;21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N47	3155	A47B21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N48	187	A47B1/03.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N49	649	312/208.1,223.3.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N50	1945	248/421,562,588,585,431,432,439.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N51	3282	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N52	798	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N53	448	A47B9/16.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N54	381	A47B2021/0321,0364.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM

N55	960	A47B3/02,0809,0815.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N56	164	A47B2003/025.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N57	565	A47B3/00.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N58	52	A47B2003/025.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N59	8	A47B1/03;21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N60	187	A47B1/03;21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N61	3155	A47B21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N62	187	A47B1/03.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N63	649	312/208.1,223.3.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N64	1945	248/421,562,588,585,431,432,439.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N65	3282	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N66	798	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N67	448	A47B9/16.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N68	381	A47B2021/0321,0364.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N69	960	A47B3/02,0809,0815.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N70	164	A47B2003/025.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N71	565	A47B3/00.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N72	52	A47B2003/025.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N73	649	312/208.1,223.3.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N74	1691	248/421,562,588,585,431432,439.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N75	4074	108/147,144.11,145,93,96,116-118,120,43,138,50.01,50.02,28.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM

N76	3053	108/93,96,116-118,120,43,138,50.01,50.02,28.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N77	1895	108/93,96,116-118,120,43,138.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N78	54	"147,144.11,145,50.01,50.02,28".ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N79	2301	108/147,144.11,145,50.01,50.02,28.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N80	187	A47B1/03.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N81	3155	A47B21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N82	1164	A47B21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N83	243	A47B9/16.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N84	310	A47B2021/0321,0364,0335.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N85	114	A47B3/00.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N86	69	A47B61/00.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N87	261	A47B3/02,0809,0815.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N88	51	A47B2003/025.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:52 PM
N89	877	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls. AND (spring OR actuator)	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 03:53 PM
N90	649	312/208.1,223.3.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 04:09 PM
N91	15	"105124920"	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 04:28 PM
N92	1	"CN105124920"	(US-PGPUB; USPAT)	OR	ON	ON	2024/08/13 04:29 PM
N93	3282	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/11/25 02:42 PM
N94	1945	248/421,562,588,585,431,432,439.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/11/25 02:44 PM
N95	1050	108/147,144.11,145,93,96,116-118,120,43,138,50.01,50.02,28.ccls. AND (spring OR actuator)	(US-PGPUB; USPAT)	OR	ON	ON	2024/11/25 02:47 PM
N96	188	A47B1/03.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/11/25 02:51 PM

N97	3180	A47B21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/11/25 02:53 PM
N98	1321	A47B21/0314,00,02,03,04.cpc. AND (spring OR actuator)	(US-PGPUB; USPAT)	OR	ON	ON	2024/11/25 02:53 PM
N99	328	A47B2021/0321,0364,0335.cpc. AND (spring OR actuator)	(US-PGPUB; USPAT)	OR	ON	ON	2024/11/25 02:55 PM
N100	457	A47B9/16.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/11/25 02:57 PM
N101	567	A47B3/00.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/11/25 02:59 PM
N102	622	A47B61/00.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/11/25 03:01 PM
N103	966	A47B3/02,0809,0815.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/11/25 03:03 PM
N104	9	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH base).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/11/25 03:04 PM
N105	1179	A47B21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/17 02:38 PM
N106	8	A47B1/03;21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N107	188	A47B1/03;21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N108	3187	A47B21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N109	188	A47B1/03.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N110	649	312/208.1,223.3.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N111	1945	248/421,562,588,585,431,432,439.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N112	3282	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N113	798	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N114	458	A47B9/16.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N115	387	A47B2021/0321,0364.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N116	968	A47B3/02,0809,0815.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N117	167	A47B2003/025.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31

							10:04 AM
N118	571	A47B3/00.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N119	54	A47B2003/025.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N120	8	A47B1/03;21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N121	188	A47B1/03;21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N122	3187	A47B21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N123	188	A47B1/03.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N124	649	312/208.1,223.3.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N125	1945	248/421,562,588,585,431,432,439.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N126	3282	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N127	798	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N128	458	A47B9/16.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N129	387	A47B2021/0321,0364.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N130	968	A47B3/02,0809,0815.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N131	167	A47B2003/025.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N132	571	A47B3/00.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N133	54	A47B2003/025.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N134	649	312/208.1,223.3.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N135	1691	248/421,562,588,585,431432,439.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N136	4074	108/147,144.11,145,93,96,116-118,120,43,138,50.01,50.02,28.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N137	3053	108/93,96,116-118,120,43,138,50.01,50.02,28.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM

N138	1895	108/93,96,116-118,120,43,138.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N139	54	"147,144.11,145,50.01,50.02,28".ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N140	2301	108/147,144.11,145,50.01,50.02,28.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N141	188	A47B1/03.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N142	3187	A47B21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N143	1180	A47B21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N144	250	A47B9/16.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N145	318	A47B2021/0321,0364,0335.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N146	117	A47B3/00.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N147	71	A47B61/00.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N148	264	A47B3/02,0809,0815.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N149	53	A47B2003/025.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N150	8	A47B1/03;21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N151	188	A47B1/03;21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N152	3187	A47B21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N153	188	A47B1/03.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N154	649	312/208.1,223.3.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N155	1945	248/421,562,588,585,431,432,439.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N156	3282	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N157	798	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N158	458	A47B9/16.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N159	387	A47B2021/0321,0364.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N160	968	A47B3/02,0809,0815.cp	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31

		c.					10:04 AM
N161	167	A47B2003/025.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N162	571	A47B3/00.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N163	54	A47B2003/025.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N164	8	A47B1/03;21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N165	188	A47B1/03;21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N166	3187	A47B21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N167	188	A47B1/03.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N168	649	312/208.1,223.3.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N169	1945	248/421,562,588,585,431,432,439.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N170	3282	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N171	798	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N172	458	A47B9/16.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N173	387	A47B2021/0321,0364.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N174	968	A47B3/02,0809,0815.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N175	167	A47B2003/025.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N176	571	A47B3/00.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N177	54	A47B2003/025.cpc. AND (gas OR pneumatic OR spring)	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N178	649	312/208.1,223.3.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N179	1691	248/421,562,588,585,431432,439.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N180	4074	108/147,144.11,145,93,96,116-118,120,43,138,50.01,50.02,28.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N181	3053	108/93,96,116-	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31

		118,120,43,138,50.01,50.02,28.ccls.					10:04 AM
N182	1895	108/93,96,116-118,120,43,138.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N183	54	"147,144.11,145,50.01,50.02,28".ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N184	2301	108/147,144.11,145,50.01,50.02,28.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N185	188	A47B1/03.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N186	3187	A47B21/0314,00,02,03,04.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N187	1180	A47B21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N188	250	A47B9/16.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N189	318	A47B2021/0321,0364,0335.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N190	117	A47B3/00.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N191	71	A47B61/00.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N192	264	A47B3/02,0809,0815.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N193	53	A47B2003/025.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N194	877	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls. AND (spring OR actuator)	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N195	649	312/208.1,223.3.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N196	19	"105124920"	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N197	1	"CN105124920"	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N198	3282	108/147,144.11,145,93,96,116-118,120,50.01,50.01,43,138.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N199	1945	248/421,562,588,585,431,432,439.ccls.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N200	1050	108/147,144.11,145,93,96,116-118,120,43,138,50.01,50.02,28.ccls. AND (spring OR actuator)	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N201	188	A47B1/03.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N202	3187	A47B21/0314,00,02,03,	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31

		04.cpc.					10:04 AM
N203	1325	A47B21/0314,00,02,03,04.cpc. AND (spring OR actuator)	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N204	329	A47B2021/0321,0364,0335.cpc. AND (spring OR actuator)	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N205	458	A47B9/16.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N206	571	A47B3/00.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N207	624	A47B61/00.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N208	968	A47B3/02,0809,0815.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N209	9	((("PONIATOWSKI") near3 ("Nathan"))).INV. AND (spring WITH attached WITH base).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N210	1180	A47B21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:04 AM
N211	1180	A47B21/0314,00,02,03,04.cpc. AND spring	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 10:05 AM
N212	27	((("PONIATOWSKI") near3 ("Nathan"))).INV.	(US-PGPUB; USPAT)	OR	ON	ON	2024/12/31 12:00 PM

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	18898549
Filing Date	2024-09-26
First Named Inventor	Nathan Mark Poniatowski
Art Unit	3637
Examiner Name	Janet Marie WILKENS
Attorney Docket Number	1001-001US29

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Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	2225243	A	1940-12-17	ZOTTEL HERMAN J	
	2	4574785	A	1986-03-11	Yamamoto	
	3	D308537	S	1990-06-12	Clark	
	4	12102229	B1	2024-10-01	Poniatowski	
	5	12121149	B1	2024-10-22	Poniatowski	

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	1	20140041554	A1	2014-02-13	Huang	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	18898549
Filing Date	2024-09-26
First Named Inventor	Nathan Mark Poniatowski
Art Unit	3637
Examiner Name	Janet Marie WILKENS
Attorney Docket Number	1001-001US29

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2]	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1	101527121	KR	B1	2015-06-10	Han		☒

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Examiner Signature	/JANET M WILKENS/	Date Considered	12/31/2024

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

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	18898549
Filing Date	2024-09-26
First Named Inventor	Nathan Mark Poniatowski
Art Unit	3637
Examiner Name	Janet Marie WILKENS
Attorney Docket Number	1001-001US29

CERTIFICATION STATEMENT

Please see 37 CFR 1.97(e) 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.

☒ A certification statement is not submitted herewith.

FEE

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

COPIES

☐ An identification of an earlier application pursuant to 37 CFR 1.98 (d) (1) is attached.

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	/Daniel T. Lund/	Date (YYYY-MM-DD)	2024-12-04
Name/Print	Daniel T. Lund	Registration Number	58614

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.M.W/

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.M.W/

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

155431 7590 01/08/2025

Lund IP
1125 2nd Ave
Newport, MN 55055

EXAMINER	
WILKENS, JANET MARIE	
ART UNIT	PAPER NUMBER
3637	

DATE MAILED: 01/08/2025

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/898,549	09/26/2024	Nathan Mark Poniatowski	1001-001US29	1241

TITLE OF INVENTION: DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$480	$0.00	$0.00	$480	04/08/2025

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

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

HOW TO REPLY TO THIS NOTICE:

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

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

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

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

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

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

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

PART B - FEE(S) TRANSMITTAL

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

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

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

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

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

155431 7590 01/08/2025
Lund IP
1125 2nd Ave
Newport, MN 55055

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

Certificate of Mailing or Transmission

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

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/898,549	09/26/2024	Nathan Mark Poniatowski	1001-001US29	1241

TITLE OF INVENTION: DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$480	$0.00	$0.00	$480	04/08/2025

EXAMINER	ART UNIT	CLASS-SUBCLASS
WILKENS, JANET MARIE	3637	108-028000

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)

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

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

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

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

❑ Applicant certifying micro entity status. See 37 CFR 1.29

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.

❑ Applicant asserting small entity status. See 37 CFR 1.27

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.

❑ Applicant changing to regular undiscounted fee 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
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www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/898,549	09/26/2024	Nathan Mark Poniatowski	1001-001US29	1241

155431 7590 01/08/2025

Lund IP
1125 2nd Ave
Newport, MN 55055

EXAMINER	
WILKENS, JANET MARIE	
ART UNIT	PAPER NUMBER
3637	

DATE MAILED: 01/08/2025

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

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

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

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

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

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

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

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. The United States Patent and Trademark Office (USPTO) collects the information in this record under authority of 35 U.S.C. 2. The USPTO's system of records is used to manage all applicant and owner information including name, citizenship, residence, post office address, and other information with respect to inventors and their legal representatives pertaining to the applicant's/owner's activities in connection with the invention for which a patent is sought or has been granted. The applicable Privacy Act System of Records Notice for the information collected in this form is COMMERCE/PAT-TM-7 Patent Application Files, available in the Federal Register at 78 FR 19243 (March 29, 2013).
https://www.govinfo.gov/content/pkg/FR-2013-03-29/pdf/2013-07341.pdf

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

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

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

Notice of Allowability	Application No. 18/898,549	Applicant(s) Poniatowski, Nathan Mark	
	Examiner JANET M WILKENS	Art Unit 3637	AIA (FITF) Status Yes

-- 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 the amendment filed December 13, 2024.
   ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

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

3. ☑ The allowed claim(s) is/are 1-10 and 12-26 . 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 12/04/24.
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 _____.

/JANET M WILKENS/
Primary Examiner, Art Unit 3637

Notice of Pre-AIA or AIA Status

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

Terminal Disclaimer

The terminal disclaimer filed on December 13, 2024 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of **10,575,630; 11,134,774; 11,134,773; 11,160,367; 11,388,989; 11,464,325; 11,470,959; 11,800,927; 11,849,843; 11,864,654; 11,910,926; 11,925,264; 11,944,196; 11,950,699; 11,980,289; 12,082,695; and 12,102,229** has been reviewed and is accepted. The terminal disclaimer has been recorded.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JANET M WILKENS whose telephone number is 571-272-6869. The examiner can normally be reached Mon thru Thurs 7am-5:30pm EST.

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, Daniel Troy can be reached on 571-270-3742. 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.

Wilkens
December 31, 2024

/JANET M WILKENS/
Primary Examiner, Art Unit 3637

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 #
18/898,549	**01/10/2025 04:21:03 PM Z ET**	**1001-001US29**

Title of Invention

DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	1241	FILED BY	Daniel Lund
PATENT CENTER #	68689728	AUTHORIZED BY	-
CUSTOMER #	155431	FILING DATE	09/26/2024
CORRESPONDENCE ADDRESS	-	FIRST NAMED INVENTOR	Nathan Mark Poniatowski

Payment Information

PAYMENT METHOD	PAYMENT TRANSACTION ID	PAYMENT AUTHORIZED BY
CARD / 2005	**E202510G21255201**	**Daniel Lund**

PRE-AUTHORIZED ACCOUNT	PRE-AUTHORIZED CATEGORY
602335	**37 CFR 1.16 (National application filing, search, and examination fees); 37 CFR 1.17 (Patent application and reexamination processing fees); 37 CFR 1.20 (Post Issuance fees); 37 CFR 1.21 (Miscellaneous fees and charges)**

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

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

New Applications Under 35 U.S.C. 111

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

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

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

New International Application Filed with the USPTO as a Receiving Office

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

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 #
18/898,549	**01/10/2025 04:21:03 PM Z ET**	**1001-001US29**

Title of Invention

DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY

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APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
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PATENT CENTER #	68689728	FILING DATE	09/26/2024
CUSTOMER #	155431	FIRST NAMED INVENTOR	Nathan Mark Poniatowski
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	-

Documents

TOTAL DOCUMENTS: 1

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
web85b.pdf	3	Issue Fee Payment (PTO-85B)	58 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
web85b.pdf	9F371B8F790F17675FDF8B4D05E9DBA0A44BEACBDD484700 5083F82F49A09F178AD62F8B376AF4BDDCEF418ED57EC5693 C07E0D5B866ABAF2AFE93776990CA65

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

P.O. Box 1450
Alexandria, VA 22313 - 1450
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ISSUE FEE TRANSMITTAL FORM

APPLICATION #	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET #
18898549	09/26/2024	Nathan Poniatowski	1001-001US29

Title of Invention

DESKTOP WORKSPACE THAT ADJUSTS VERTICALLY

Application Information

APPLICATION TYPE	Nonprovisional Application under 35 USC 111(a)	DATE DUE	04/08/2025
CONFIRMATION #	1241	ISSUE FEE DUE	$ 480
EXAMINER	JANET WILKENS	PUBLICATION DUE	$ 0
GROUP ART UNIT	3637	TOTAL FEES DUE	$480
CLASS - SUBCLASS	108/028000	PREV. PAID FEE	$ 0
ENTITY STATUS	Small		

1. CHANGE OF CORRESPONDENCE ADDRESS AND/OR INDICATION OF FEE ADDRESS (37 CFR 1.33 & 1.363)

Correspondence Address

CURRENT ADDRESS

Maintenance Fee Address

CURRENT ADDRESS

☐ Change of correspondence address requested,system generated AIA/122-PC form attached

☐ Fee address indication requested, system generatedSB/47-PC form attached

2. ENTITY STATUS

Change in Entity Status

NEW STATUS

3. THE FOLLOWING FEES ARE SUBMITTED

☑ Issue Fee

☑ Publication Fee

4. FEE AUTHORIZATION

☐ I authorize USPTO to apply my previously paid issue fee to the current fees due

☐ The Director is herby authorized to apply my previously paid issue fee to the current fee due and to charge deficient fees to Deposit Account Number:

☐ If in addition to the payment of the issue fee amount submitted with this form, there are any discrepencies in any amount(s) due, the Director is authorized to charge any deficiency, or credit any overpayment, to Deposit Account Number:

5. FIRM AND/OR ATTORNEY NAMES TO BE PRINTED

NOTE: If no name is listed, no name will be printed
For printing on the patent front page, list to be displayed as entered

Lund IP, PLLC

6. ASSIGNEE NAME(S) AND RESIDENCE DATA TO BE PRINTED

NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a susbstitute for filing an assignment.

Office Kick, Inc.	Boulder, CO UNITED STATES	Corporation

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 filed and has been granted power of attorney in this application. I also certify that this Fee(s) Transmittal form is being transmitted to the USPTO via Patent Center on the date indicated below.

Signature	Name	Registration #	Date
/Daniel Lund/	Daniel Lund	58614	01/10/2025

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/898,549	Poniatowski, Nathan Mark
	Examiner	Art Unit
	JANET M WILKENS	3637

CPC - Searched*		
Symbol	Date	Examiner
A47B1/03;21/0314,00,02,03,04	11/12/2024	JMW
A47B9/16;2021/0321,0364,0335	11/12/2024	JMW
A47B3/02,0809,0815;2003/025	11/12/2024	JMW
A47B3/00;61/00	11/12/2024	JMW
updated search	12/31/2024	JMW

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
312	208.1,223.3	11/12/2024	JMW
248	421,562,588,585,431,432,439	11/12/2024	JMW
108	147,144.11,145,93,96,116-118.120,43.138,50.01.50.02,28	11/12/2024	JMW
updated search		12/31/2024	JMW

* 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
	18/898,549	Poniatowski, Nathan Mark
	Examiner	Art Unit
	JANET M WILKENS	3637

Search Notes		
Search Notes	**Date**	**Examiner**
updated searches from parent cases	11/12/2024	JMW
updated searches	12/31/2024	JMW
IPR 2025-00497 Reviewed Petition for Inter Partes Review of US Patent No 11,910,926	01/24/2025	JMW

Interference Search			
US Class/CPC Symbol	**US Subclass/CPC Group**	**Date**	**Examiner**
A47B	1/03;21/0314,00,02,03,04	12/31/2024	JMW
A47B	9/16;2021/0321,0364,0335	12/31/2024	JMW
312	208.1,223.3	12/31/2024	JMW
248	421,562,588,585,431,432,439	12/31/2024	JMW
108	147,144.11,145,93,96,116-118.120,43.138,50.01.50.02,28	12/31/2024	JMW
A47B	3/02,0809,0815;2003/025	12/31/2024	JMW
A47B	3/00;61/00	12/31/2024	JMW

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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/898,549	02/18/2025	12226015	1001-001US29	1241

155431 7590 01/29/2025

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ISSUE NOTIFICATION

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

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

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

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

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

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

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

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

Nathan Mark Poniatowski, St. Petersburg, FL;

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

Office Kick, Inc., Boulder, CO;

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18/898,549	09/26/2024	Nathan Mark Poniatowski	1001-001US29	1241

155431 7590 02/18/2025

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EXAMINER	
WILKENS, JANET MARIE	

ART UNIT	PAPER NUMBER
3637	

NOTIFICATION DATE	DELIVERY MODE
02/18/2025	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):

eofficeaction@appcoll.com
info@lundip.com

APPLICATION NO.	ISSUE DATE	PATENT NO.
18/898,549	18-Feb-2025	12226015

Lund IP
1125 2nd Ave
Newport, MN 55055

EGRANT NOTIFICATION

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

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