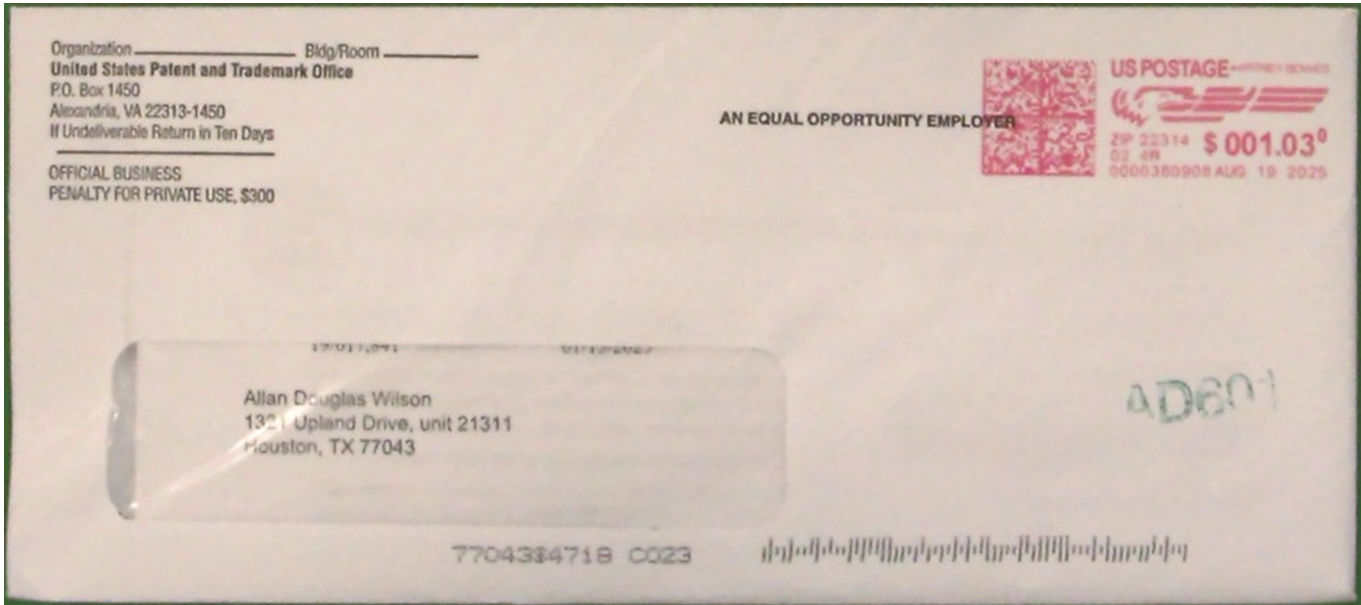


Mail ID - #101872218





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www.uspto.gov

Table with 4 columns: APPLICATION NUMBER (19/017,841), FILING OR 371(C) DATE (01/13/2025), FIRST NAMED APPLICANT (Allan Douglas Wilson), ATTY. DOCKET NO./TITLE

Allan Douglas Wilson
1321 Upland Drive, unit 21311
Houston, TX 77043

CONFIRMATION NO. 5932

FORMALITIES LETTER



OC00000093180649

Date Mailed: 08/19/2025

NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)

Filing Date Granted

The U.S. Patent and Trademark Office received your reply on 07/08/2025 to the NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION (Notice) mailed 02/03/2025 and it has been entered into the application. The reply, however, is not a complete reply because all of the items required by the NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION have not been received. See "Items Required to Avoid Abandonment" section below. A complete reply must be timely filed to prevent ABANDONMENT of the above-identified application.

The period for reply continues to run from the date of the NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION mailed 02/03/2025. Applicant must submit all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the appropriate extension fee under the provisions of 37 CFR 1.136(a). See "Time Period for Reply" section below.

Applicant's reply to the NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION mailed 02/03/2025 was received in the U.S. Patent and Trademark Office on 07/08/2025, after the expiration of the two month period for reply set forth in the Notice. The application will become abandoned unless applicant obtains an extension of the period for reply, as above. The petition for extension of time must be accompanied by the appropriate fee as set forth in 37 CFR 1.17 (see "Time Period for Reply" section below). The date on which the reply, the petition for extension of time, and the fee are filed is the date for purposes of determining the period of extension and the corresponding amount of the fee due. The amount of fee paid determines the expiration of the time period for reply. Applicant is advised that extensions may not be granted under 37 CFR 1.136(a) for more than FIVE MONTHS beyond the time period set in the Notice.

Items Required to Avoid Abandonment:

The required items noted below SHOULD be filed along with any items required above.

- Complete residence information, either city and state or city and country for Allan Douglas Wilson has not been provided. Residence information is required, separately from the mailing address, for each inventor who lives at a location which is different from where the inventor customarily receives mail. Also, a valid state code or a valid country code must be provided. For lists of valid state and valid country codes, see the Instructions for Application Data Sheet available at https://www.uspto.gov. There is an indication on either the ADS or the inventor's oath or declaration that the mailing address and residence information is not the same for the identified inventor(s).

Applicant must provide the residence information on either:

- An inventor's oath or declaration in compliance with 37 CFR 1.63, or
 - A properly marked up application data sheet (ADS) in compliance with 37 CFR 1.76.
- A complete mailing address that includes either the city and state or city and country, for each inventor has not been submitted. Applicant must provide the mailing address on either:
 - An inventor's oath or declaration in compliance with 37 CFR 1.63, or
 - A properly marked up application data sheet (ADS) in compliance with 37 CFR 1.76.

Note that an inventor's mailing address is required even if a correspondence address has been submitted. An inventor's mailing address may not necessarily be the same as the correspondence address for the application and must be separately submitted in the manner set forth above. If the inventor lives at a location which is different from the inventor's mailing address, the inventor's residence (either city and state or city and country) must also be separately submitted in the manner set forth above. For lists of valid state and valid country codes, see the Instructions for Application Data Sheet available at <https://www.uspto.gov>.

Mailing address information is needed for the following inventor(s): **Allan Douglas Wilson**.

- **Specification Items**

The specification, claims, and/or abstract page(s) submitted is not acceptable because:

- A substitute specification was submitted on 07/08/2025; however, the substitute specification contains changes that are not properly marked up with underlining for additions to the text and strikethrough or brackets for deletions. A marked up version of the substitute specification, showing the changes relative to the prior specification of record, is required.

- **Drawing Items**

The drawings submitted on 07/08/2025 are not acceptable because:

- More than one figure is present and at least one figure appears to be unnumbered or misnumbered in comparison to the brief description of the figures contained in the specification. See Figure(s) 2, 2A-2D, 4, 4A. The figures must be labeled "Fig." with a consecutive Arabic numeral (1, 2, etc.) or an Arabic numeral and capital letter in the English alphabet (1A, 1B, etc.) and correspond with a brief description having the same figure number. See 37 CFR 1.84(u)(1).
 - To correct the figure numbering, replacement drawing sheets with proper figure labeling in compliance with 37 CFR 1.84 and 1.121(d) are required.
 - To add a brief description of a figure that was not previously numbered, or correct the reference in the specification to the figures, a proper substitute specification in compliance with 37 CFR 1.52, 1.121(b)(3), and 1.125, providing a brief description of each drawing figure presented, added or amended to correspond to the corrected numbering of the figures, is required. See also 37 CFR 1.77(b)(9).
- Figure(s) 2A-2D, 4, 4A appear to be on paper that is not plain and white. The drawings must be on paper that has a white background. For example, drawings on graph paper, lined paper, or paper that has a non-white background are not acceptable. See 37 CFR 1.84(e). Replacement drawing sheets presented on plain, white paper in compliance with 37 CFR 1.84 and 1.121(d) are required.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

- The application search fee has not been received.
- The application examination fee has not been received.
- Surcharge as set forth in 37 CFR 1.16(f) has not been received.

The surcharge is due for any one of:

- late submission of the basic filing fee, search fee, or examination fee,
 - late submission of inventor's oath or declaration,
 - filing an application that does not contain at least one claim on filing, or
 - submission of an application filed by reference to a previously filed application.
- The fee set forth in 37 CFR 1.16(u) for submitting documents not in DOCX format has not been received.

The fee is due because:

- the specification was not submitted in DOCX format.
- the claims were not submitted in DOCX format.

Note: The fee set forth in 37 CFR 1.16(u) is required if the specification, claims, and/or abstract do not conform to the USPTO requirements for submission in DOCX format. In addition, if applicants submit a PDF version of the specification, claims, and/or abstract that is not generated by the USPTO filing system and also includes a DOCX version of the specification, claims, and/or abstract, then the surcharge is required for the version of the specification, claims, and/or abstract that were submitted in PDF format. However, the fee set forth in 37 CFR 1.16(u) will not be required if applicant submitted an Auxiliary PDF in compliance with the USPTO process for submitting an Auxiliary PDF that was automatically assigned the document code AUX.PDF.

SUMMARY OF FEES DUE:

The fee(s) required (including the fees noted above) are as follows. Micro entity discount is in effect.

- **\$86** non-DOCX fee.
- **\$34** surcharge.
- **\$154** search fee.
- **\$176** examination fee.
- **\$(0)** previous unapplied payment amount.
- **\$450** TOTAL FEE BALANCE DUE.

Applicant is notified that the above-identified application contains the deficiencies noted below. No period for reply is set forth in this Notice for correction of these deficiencies. However, if a deficiency relates to the inventor's oath or declaration, the applicant must file an oath or declaration in compliance with 37 CFR 1.63, or a substitute statement in compliance with 37 CFR 1.64, executed by or with respect to each actual inventor no later than the expiration of the time period set in the "Notice of Allowability" to avoid abandonment. See 37 CFR 1.53(f).

Items Required To Avoid Processing Delays:

The deficiencies indicated below should be addressed promptly to avoid further processing delays.

- The ADS received on 07/08/2025 was not properly signed. Therefore, the Office will treat it only as a transmittal letter. See 37 CFR 1.76(e). Inventorship has not been set by this document and any foreign priority or domestic benefit claims contained therein are ineffective. See 37 CFR 1.55 or 37 CFR 1.78.

If the applicant wishes to submit another ADS:

- It must be properly signed by a party under 37 CFR 1.33(b), and be signed in compliance with 37 CFR 1.4(d). Note that all papers submitted on behalf of a juristic entity must be signed by a patent practitioner unless otherwise specified.
- Changes to the information of record must be properly marked up in compliance with 37 CFR 1.76(c), i.e. must identify the information that is being changed, with underlining for insertions, and strike-through or brackets for text removed. In general, the identification of the information being changed should be made relative to the most recent filing receipt.

- Benefit and priority claims must be presented in an ADS in compliance with 37 CFR 1.76(c) and within the time periods specified in 37 CFR 1.55 and 1.78.

If an ADS as set forth above is provided, the filing of the inventor's oath or declaration may be postponed until the application is otherwise in condition for allowance. See 37 CFR 1.53(f). Note that the inventor's oath or declaration must be filed no later than the date on which the issue fee has been paid.

- The ADS received on 07/08/2025 was not properly marked up to show the desired changes. For information being changed relative to the information already of record, additions must be shown with underlining, and deletions must be shown with strike-through or brackets. See 37 CFR 1.76(c)(2).

How to Make Changes in the Information of Record Using a Corrected Application Data Sheet: In order to make changes to the information of record, an ADS must be properly signed and properly marked up relative to the current information of record.

Proper signature: The ADS must be signed with a handwritten signature or proper S-signature by:

- A patent practitioner, with the practitioner's registration number accompanying the signature (e.g., immediately below or adjacent to the signature), or
- The applicant, if the applicant is an individual other than the inventor(s) and no power of attorney has been appointed, or
- All of the inventors, if no other applicant has been established and no power of attorney has been appointed.

A proper S-signature consists of only letters and/or Arabic numerals, with appropriate spaces and commas, periods, apostrophes, or hyphens for punctuation contained between a first single forward slash mark before, and a second single forward slash mark after, the S-signature.

Proper markings: The ADS must identify the changes being made with underlining for insertions and strike-through or brackets for text removed relative to the information of record. No other markings or indications are acceptable. Where an ADS providing corrected or updated information does not contain all of the sections of the ADS, the entire section (including the heading) in which changes are being made must be included in the ADS. Information of record can generally be found on the latest filing receipt.

Time Period for Reply:

Mail date of Notice: 02/03/2025

Last date that extension may be obtained: (Note: The petition and fee must be received 09/03/2025 by this date, or include a proper certificate of mailing under 37 CFR 1.8 with a date on or before this date, and extend the time to include this date.)

The following table sets forth the possible extensions of time available, depending on when the reply and corresponding extension of time fee are received.

Length of Extension of Time (response due on or before)	Fee under 37 CFR 1.17(a) effective March 19, 2013		
	Undiscounted	Small Entity	Micro Entity
Five Months (09/03/2025)	\$3395	\$1358	\$679

Replies must be received in the USPTO within the set time period or must include a proper Certificate of Mailing or Transmission under 37 CFR 1.8 with a mailing or transmission date within the set time period. For more information and a suggested format, see Form PTO/SB/92 and MPEP 512.

Replies should be addressed to:

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

REPLY VIA ELECTRONIC FILING

A reply may be submitted via electronic filing only by registered users of the appropriate USPTO patent electronic filing system and must include:

- A separate document having the document description, "**Applicant response to Pre-Exam Formalities Notice**"; and
- the item(s) for which a reply period is set forth above.

For more information about electronic filing, contact the Patent Electronic Business Center (EBC) 1-866-217-9197 or visit <https://www.uspto.gov/ebc>

NOTE: If the reply is not being submitted electronically, a copy of this notice must be included.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/rnegga/

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