


INVENTION DISCLOSURE FORM

| | | |
|--|--|----------------------------|
| <p>Invention Disclosure Form</p>  <p>STLGip Boutique Touch Global Reach</p> | TITLE OF APPLICATION: | |
| | Total # Pages (this form): | |
| | Total # Pages (this form + attachments): | |
| | Date: Date | <i>Internal Docket No.</i> |

WHY THIS FORM: Invention Disclosure Form is a confidential document written by a scientist or engineer for use by a company's patent department, or by an external patent attorney, to determine whether patent protection should be sought for the described invention and serves as the basis for preparing such a document. The form in and of itself is not of significance, rather it is the content it aims to elicit. The more complete a picture you provide, the more informed the decision, and the better the final work product will be.

NOTICE

The information provided in this form is for informational purposes only and is not intended to be legal advice or legal opinion.

The presentation of information in this form, or unsolicited contact with the firm, does not establish any form of attorney-client relationship with our firm, which will only be established after the firm and the client have entered into a written engagement letter.

If you are interested in legal or consulting services, no services will be provided and no representation will be undertaken, except after both parties have entered into a written representation agreement and all the requirements therein have been fulfilled.

As such, if the firm has not been retained, please do not disclose any information to us or any other unauthorized third party.

INSTRUCTIONS: Fill each relevant section with the requested information or enter "NONE" or "NA (Not Applicable)" as appropriate. Where amount of space on the form is insufficient, enter "see attached page" and use plain pages as needed. Please write the TOTAL number of pages (including any additional pages you may have appended) in the space provided above.

DUTY OF DISCLOSURE: Under the U.S. patent law, you have an ongoing duty to disclose any documents or activities of which you are aware that may be of interest to the examiner during the prosecution of your application in the U.S. Patent & Trademark Office (USPTO). This is an ongoing obligation for the duration of the pendency of the application until it is issued into a patent.

PART I. IDENTIFYING INFORMATION

PERSON SUBMITTING THE FORM

| | |
|----------------------|--|
| Full name | |
| Are you the inventor | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Submission date | |
| Mailing address | |
| Business telephone | |
| E-mail address | |
| Cell phone | |

OWNER/ASSIGNEE APPLICANT

| | |
|---|--|
| Do the inventor(s) own the patent rights to this invention (check one). If not, elaborate. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Is the assignee also the applicant? If not, elaborate. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Applicant mailing address. | |
| Applicant physical address (if different than mailing address). | |
| Applicant telephone. | |
| Applicant email address. | |
| Applicant entity size (Select one). | <input type="checkbox"/> Large <input type="checkbox"/> Small <input type="checkbox"/> Micro |
| Provide this information for the Applicant. | Signatory Title: Signatory Name: |
| If Applicant is not the assignee, identify the owner/assignee of the invention, address, telephone, and contact person. | |
| Other parties of interest. If you chose other, elaborate. | <input type="checkbox"/> University Contract <input type="checkbox"/> Government Agreement or <input type="checkbox"/> Joint Development <input type="checkbox"/> Other |

| | |
|---|--|
| Licensees. Provide names of possible licensees, if any. | |
| Other Information | |

| PART II. APPLICATION FILING INSTRUCTIONS | |
|---|--|
| Is this application seeking expedited prosecution? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Is this application being filed internationally? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| If application is being foreign filed, indicate any foreign countries within which you would suggest that the application should be filed, and why (e.g., market of interest, place of manufacture, competitor's place of manufacture). | |
| Are you requesting non-publication? (only if you don't plan to file outside of the U.S. and only available at time of filing) | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are you requesting early publication? (earlier than the 18 months from priority) | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| List the details for all the domestic (U.S.) applications this application claims priority from. | |
| List the details for all the foreign (non-U.S.) applications this application claims priority from. | |
| Do the priority applications have at least one inventor in common with this application? | |

PART III. INVENTION INFORMATION

IDENTIFICATION OF INVENTOR(S). Identify the inventor/s and place an asterisk * next to the name of the inventor to whom questions may be directed. For each inventor, provide the following.

| Full Legal Name (Last, First, Middle) | EMPLOYER | MAILING ADDRESS | TELEPHONE | E-MAIL ADDRESS | RESIDENCY | SIGNATURE |
|--|----------|-----------------|-----------|----------------|-----------|-----------|
| | | | | | | |
| | | | | | | |

ADD MORE INVENTORS AS NEEDED

INVENTION CATEGORY. Please categorize the potential uses of your invention below by checking all anticipated uses (check one or more):

Service Product – therapeutic Product – device Product – method
 Research – reagent Drug – identification Diagnostic – test Bio Software

Do you expect to have FDA filing? If yes, remember to coordinate the patent application with your regulatory personnel.

Other Information

OTHER INFORMATION

SIGNIFICANT DATES

| | |
|------------------------------|------|
| Conception of the Invention. | Date |
|------------------------------|------|

Documentation.

| | |
|---|------|
| When the invention was first reduced to practice. Under the first to file, this may not have the same effect as it did in the older first to invent system. | Date |
|---|------|

USE AND DISCLOSURE (IMPORTANT)

| | |
|---|--|
| Have you described or shown your invention to anyone? If yes, when and how? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|---|--|

| | |
|--|--|
| Have you made any attempts to commercialize your invention (for example, have you approached any companies about purchasing or manufacturing your invention)? If yes, elaborate. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Has your invention been described in any printed publication, or any other form of media, such as the Internet? If yes, elaborate. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Have you used, or do you plan to use, the invention in commerce? If yes, elaborate. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Have you attempted to manufacture or sell your invention, or offered it for sale? If yes, elaborate. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are there any witnesses who can corroborate the making of the invention, from the early days of conception to the reduction to practice? If yes, give their names, addresses and/or telephone numbers. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| If you have answered yes to any of the above questions, please give full details of the activity, including dates when activities have occurred. Please indicate if party(ies) were under obligation of confidentiality. | |
| Have you conducted any state-of-the-art searches? If yes, elaborate and complete below. | <input type="checkbox"/> Yes <input type="checkbox"/> No |

| REFERENCES FOR DISCLOSURE | | | | | |
|--------------------------------------|-----------------|-----------------------------|---------------------------|----------------------------|------------------------------|
| REF# | DOCUMENT NUMBER | ISSUE DATE/PUBLICATION DATE | NAME OF APPLICAN/TPATENEE | RELEVANT PAGE/LINE NUMBERS | DISCUSSED IN THE DISCLOSURE? |
| | | | | | |
| | | | | | |
| | | | | | |
| ADD MORE REFERENCES AS NEEDED | | | | | |

PART IV. INVENTION

MECHANICAL (and some other) INVENTIONS

Descriptive invention title.

Purpose. State the purpose of the invention. What were the goals of this invention? What problem are you solving with this invention?

Prior knowledge. Describe the previous old methods, materials or apparatus used by others to perform the purpose of the invention. Prior knowledge may be patent publications, websites, literature, conference, products or other information that you may be aware of.

Prior knowledge limitations and/or shortcomings. What are the limitations/disadvantages of how, the same or similar objective/purpose (as of the present invention) have been delivered by current industry or academic knowledge and know-how.

Reasons for Prior knowledge shortcomings. If the purpose has not been achieved using the current industry or academic knowledge and know-how, why is that? What have been the barriers preventing or making it difficult for others to deliver.

Describe the invention in detail. Fill in or attach a full description of the invention.

Technical problem. What technical problem did you solve?

New features. Identify the features of the invention believed to be new.

Advantages. State the advantages of the invention over the prior/current existing technology described above. (e.g., cheaper, faster, or more reliable). How is my solution better than the prior art?

New capabilities. What capability does this provide and why is it useful?

Operating principle of invention. What is the invention's operating principle?

Operating principle differences. Is there an operating principle that represents a departure from the operating principles of state-of-the-art equipment?

System diagram. Is there a system diagram showing the major components? Detailed figures taken along different lines, and views will be very helpful. Attach the system diagram to the final downloaded form.

Component diagram. Is there a component diagram showing the actual stepper circuitry? Attach the diagram to the final downloaded form.

Physical structure. Describe the physical structure of your invention. Sketches, photos, or other illustrations should be attached to this form to fully illustrate your invention. Attach the diagram to the final downloaded form.

Processes of making. How would you assemble the product? Please provide details. For example, what would connect to what in what order? Attach the diagram to the final downloaded form.

Operation/function/use. How would you use the device/system? Attach the diagram to the final downloaded form.

| |
|--|
| Applications. What are applications of my invention besides solving my specific technical problem or in the particular market in which i plan to sell my product? |
| Other fields. Is my invention applicable to other technical fields, other than the one i am working in? What are they? |
| Material. What are the materials from which each component will be made? |
| Alternatives. Indicate any alternatives to the components, methods, materials, etc. As listed above. What are variants of my invention? Think broader than the specific technical problem that you solved. For example, this design may be the most commercially feasible and robust design, but if a competitor were to try and "design around" the invention, what that design might look like? |
| Distinctions. Describe the optional and necessary components. |
| |

| |
|------------------------------------|
| SOFTWARE RELATED INVENTIONS |
|------------------------------------|

| | | | | | |
|---|--|---|---|--|--|
| Describe the language used to develop application. | | | | | |
| What operating system or platform is needed for the proper function of the software? Is the software easily portable to other platforms? | | | | | |
| What application software is needed for the proper function of the software? | | | | | |
| What hardware and system configuration are required for the proper function of the software? Does the software improve operation of the hardware that hosts the software? (For example, does the software permit the hardware to operate more efficiently, perform operations faster, provide greater accuracy for the same computing resources, or does it require fewer input parameters while providing accurate results?) | | | | | |
| Does the software have a graphical user interface? <input type="checkbox"/> Yes <input type="checkbox"/> No . If yes, elaborate. | | | | | |
| Is this one-size-fits-all software or does it have to be customized for use by each customer? | | | | | |
| Do you anticipate the customer would need on-going maintenance and support? If yes, please explain. | | | | | |
| What do you see as commercial uses of your software? | | | | | |
| Please describe the likely end users of the software. Does the invention have applicability beyond the likely end users? | | | | | |
| Please indicate (choose one) the anticipated distribution model for the current version of the software. | | | | | |
| <table border="1"> <tr> <td><input type="checkbox"/> Open Source License</td> <td><input type="checkbox"/> Beta Test License</td> <td><input type="checkbox"/> Academic Use License</td> <td><input type="checkbox"/> License to Company</td> <td><input type="checkbox"/> Software Reseller License</td> </tr> </table> | <input type="checkbox"/> Open Source License | <input type="checkbox"/> Beta Test License | <input type="checkbox"/> Academic Use License | <input type="checkbox"/> License to Company | <input type="checkbox"/> Software Reseller License |
| <input type="checkbox"/> Open Source License | <input type="checkbox"/> Beta Test License | <input type="checkbox"/> Academic Use License | <input type="checkbox"/> License to Company | <input type="checkbox"/> Software Reseller License | |

Are there any open-source elements included/embedded in the Source Code? If yes, please list all third party code embedded in or accessed by the disclosed software when such software is run. This list must include, all open source code (free executable code, public domain code, library code and all other executable or source code not written by any of the Inventor(s) listed above which is directly embedded in the software when it is executed.

If the code is not available on the web, please provide copies of any license agreements governing your use of the third-party code.

Provide a flow chart of the operations being performed by the software and attach it to the final downloaded form.

SOFTWARE MANUSCRIPT

Have you prepared a manuscript describing the technology (for example, for publication in a journal or exhibition or marketing material)? Yes No

If yes, the manuscript can be a large part of the disclosure. Please submit the manuscript along with:
A fully completed Software Disclosure Form; and
A short description of the invention (usually one page or less) specifically identifying the invention in broader terms that might not be appropriate for use in the manuscript, e.g., the general purpose of the invention, the improvements over existing methods, devices or materials, the best mode of utilizing the Software, and a description of the details necessary to understand the invention. Please either attach or use the Part IV Invention Details.

If you are not relying on a manuscript, use the outline in Part IV Invention Details. Don't forget flow charts and other figures.

COPYRIGHT NOTICE

You may wish to apply the following copyright notice to all existing copies of the software: © [YEAR]; [Name of Your Company]; All Rights Reserved.
The copyright notice should be placed in the following locations: Source Code: top, bottom and regularly throughout; Title Screen; Labels on CDs; Documentation; User's Manual or Other Printed Materials

BIO INVENTIONS

Mechanism of action or core concept.

Key components or reagents. Outline biological materials (e.g., cell lines, plasmids, proteins, antibodies, enzymes, or genetically modified organisms). If needed, add it as an attachment to the final downloaded form for your records.

Methods, protocols, or processes. Include step-by-step procedures, experimental conditions, and any unique protocols. If needed, add it as an attachment to the final downloaded form for your records.

| |
|---|
| <p>Experimental data. Summarize results (e.g., tables, figures, charts) that demonstrate proof of concept or advantages over existing technologies. If needed, add it as an attachment to the final downloaded form for your records.</p> |
| <p>Advantages and improvements. Emphasize the invention's benefits (e.g., efficiency, safety, specificity, scalability). If needed, add it as an attachment to the final downloaded form for your records.</p> |
| <p>If a material, whether biological or non-biological, from a secondary source is incorporated or was used in the research that lead to the development of the invention, was this material obtained from some source other than your laboratory? (check one) <input type="checkbox"/> Yes <input type="checkbox"/> No If, yes, elaborate.</p> |
| <p>If yes, with whom?</p> |
| <p>What is (are) the material(s)?</p> |
| <p>Please specify the source of the material(s):</p> |
| <p>What is (are) the material(s)?</p> |
| <p>Was this material(s) covered by a Material Transfer Agreement, Sponsored Research Agreement, Collaboration Agreement, or any other type of agreement? <input type="checkbox"/> Yes <input type="checkbox"/> No If, yes, elaborate.</p> |
| <p>Current readiness level. Lab prototype, proof of concept, preclinical data, or near-commercial prototype. Future steps: Any ongoing or planned experiments, validation studies, or scale-up processes. If needed, add it as an attachment to the final downloaded form for your records.</p> |
| <p>Enter any additional information that may be helpful.</p> |

**ATTACH THE DIAGRAMS AND ATTACHMENTS TO THE FINAL FORM
AND KEEP FOR YOUR RECORDS.**