

AUSTIN PEAY STATE UNIVERSITY
Office of Research and Sponsored Programs (ORSP)

INVENTION DISCLOSURE FORM

Report of Invention

Please complete all sections and submit an electronic version of this form to the Office of Research and Sponsored Programs (ORSP) for review and comments/suggestions. A final version of this Invention Report will be routed for final signatures through Adobe Sign upon completion of the review process.

Submit to: Office of Research and Sponsored Programs (ORSP) — Attn: Kelly Pitts

Email: pittsk@apsu.edu | Phone: (931) 221-7881

Mail: Austin Peay State University – P.O. Box 4517, 601 College Street, Clarksville, TN 37044

For inventions connected to the LaunchTN/TTAC partnership, please also copy the Govs Nexus and Commercialization office (innovation@apsu.edu), so the disclosure can be logged against the FY27 TTAC performance metrics.

1. Report Date

Report Date:

2. Inventorship

Identify all inventors below. In Section 2(a), if all inventors are APSU students, staff and/or faculty, place a checkmark next to the first item. If inventors include students, staff, and/or faculty external to APSU, place a checkmark next to the second item. In Section 2(b), list contact information for all inventors, identifying the primary contact person first.

☐ APSU Only ☐ APSU + External

Inventor 1

Full Name (Main Contact Person):

Affiliation, College, Dept.:

Home Address:

Phone/Fax/Email:

Citizenship:

Inventor 2

Full Name:

Affiliation, College, Dept.:

Home Address:

Phone/Fax/Email:

Citizenship:

(Attach additional sheets for more than two inventors, using this same format for each.)

3. Sponsorship

Identify any and all sponsors below who have contributed cash and/or in-kind funding/assistance for the efforts associated with this invention. If none, write “n/a” in all spaces provided.

Sponsor Name(s):

APSU Contract/Grant No.:

Funding Period:

Principal Investigator (PI):

☐ Check here if any funding source listed above includes Federal funds (federal reporting obligations may apply).

4. Title of Invention

Title:

PATENT PRIMER

According to the United States Patent and Trademark Office (“USPTO”), a patent may be granted for a new, useful, and nonobvious process, machine, article of manufacture, or composition of matter, or a new and useful improvement of any of these, provided the invention is adequately described to allow one of ordinary skill in the art to make and use it, and is claimed by the inventor in clear and definite terms. These are called “utility patents.” Patent protection is also available for the ornamental design of an article of manufacture (“design patents”) and for asexually reproduced plant varieties (“plant patents”). Laws of nature, natural phenomena, and abstract ideas cannot be patented. Literary, dramatic, musical, and artistic works may be protected by copyright; ask ORSP about the Copyrightable Work Disclosure Form.

Pursuant to Austin Peay State University Policy 2:047 (Intellectual Property and Technology Transfer) and all other University policies and procedures, I/we hereby disclose details about the following invention:

5. Invention Abstract

Attach a one paragraph summary description of your invention. Identify whether the invention is a new process, composition of matter, a device, software, one or more products, a new use for or an improvement to an existing product or process.

6. Field of the Invention

Describe to what field the invention relates.

7. Description of Related Art

Describe all known related prior art, including published literature, commercial products, and related patents and other forms of intellectual property, and conclude with a summary listing of all known related art.

RESOURCES FOR LITERATURE SEARCHING

It is best to do a preliminary search yourself to make sure that the idea is patentable. ORSP and the APSU Commercialization Counselor can help you get started. Free search tools include: USPTO Patent Public Search (<https://ppubs.uspto.gov/pubwebapp/>), Google Patents (<https://patents.google.com>), Espacenet for European and worldwide patents (<https://worldwide.espacenet.com>), and WIPO PATENTSCOPE (<https://patentscope.wipo.int>).

8. Detailed Description of the Invention

Describe in detail the nature, operation, preferred embodiment, and applications of the invention. What technical problem does this invention solve, and for whom is this a problem? Include details of how this invention is nonobvious to those skilled in the art, novel, and useful – how does it differ from the prior art?

9. Figures and Drawings

Attach all related figures and drawings that help to describe the nature, operation, and applications of the invention.

Attached figures/files:

10. Reduction to Practice

Has the invention been reduced to practice? If so, include or attach a copy of experimental/prototype data or photos/graphics – or reference such data's location.

11. Publication and Presentation

Note that public disclosure of an invention initiates a twelve (12) month window in which to file for patent protection within the U.S. In general, any public disclosure or placement on sale precludes foreign filing rights. Contact ORSP before any planned public disclosure.

a. Prior

Indicate details of any full or partial disclosure of this invention by any of the inventors, including but not limited to: manuscript, article, report, grant application, thesis/dissertation, abstract, demonstration, sales catalog, news release, or oral (private or public) presentation. Please indicate which you have available, and if possible, provide a copy to ORSP with this Invention Report. Include all relevant dates of disclosure and recipient names or those in attendance (for presentations).

b. Planned

Indicate details of any planned disclosure of this invention by any of the inventors. Include all planned dates of disclosure, as well as recipient names or planned attendance.

12. Regulatory Requirements

Does this technology require approval by regulatory agencies (EPA, USDA, FDA, OSHA, FAA, other)? If yes, please explain.

13. Initial Market Assessment

a. Potential Markets

Briefly identify a few potential markets for this invention and how this invention addresses each market's specific needs.

b. Competition

Identify all known competing approaches to solving the problems addressed by this invention, as well as all commercial competitors and prospective competitors.

c. Potential Licensees/Assignees

Identify any and all potential licensees/assignees of this invention. Reference any existing or expired partnership or other agreements with respect to this invention. Are such agreements still active?

14. Personal Goals

Check any and all that apply. It is important to note that the University, at its sole discretion, may commercialize its inventions in any manner consistent with its mission, objectives, policies, and rules and regulations; however, the personal goals of each inventor are important considerations in this process, and are therefore documented below.

- ☐ I simply wish to document and file this invention report
- ☐ I would like the University to consider prosecution of patent applications, in its name, for this invention in:
- ☐ the U.S., because: (provide rationale for request)

- ☐ internationally, because: (provide rationale for request)

- ☐ I would like the University to consider commercializing this invention via:
- ☐ new company start-up without my direct involvement
- ☐ new company start-up with my direct involvement, in the role of:
- ☐ president/CEO ☐ CTO ☐ consultant
- ☐ licensing/assignment to a commercial entity in exchange for:
- ☐ stock / equity ☐ royalties / licensing fees

Other comments (attach any related drawings, publications, or materials):

15. Profit-Sharing

It is expected that co-inventors will receive and divide equally the inventor share of net income from the sale or licensing of the invention, as provided by University Policy 2:047 (after University costs for patenting and licensing are recouped), unless another agreement is documented in writing and signed by all inventors.

16. Inventor Signatures

By signing below, I acknowledge that I am one of the inventors of the invention reported herein. I understand that Austin Peay State University owns the rights to, and may obtain protection for, intellectual property developed by its students, staff and faculty to the extent provided by University Policy 2:047 and other University policies and procedures. By signing below, I hereby agree to execute a formal assignment of all rights to the invention to the University, unless so noted below in Section 20 “Inventor Request for Waiver”.

Adobe Sign: the markers shown on the signature lines are Adobe Sign text tags — when this form is uploaded to Adobe Sign they convert automatically into signature and date fields (signer order: 1 Inventor, 2 Witness, 3 Department Chairperson, 4 ORSP). Additional inventors are added as extra signers by the sender.

{{Sig_es_:signer1:signature}}

{{Dte_es_:signer1:date}}

(i) Inventor signature and date

Print:

(ii) Additional inventor signature and date (if applicable)

Print:

17. Signature of Person Witnessing This Disclosure

Obtain the signature of a colleague knowledgeable in the subject matter of this invention, who has read and understands the concepts presented herein, and who may be called upon to support the claims herein throughout the patent process.

{{Sig_es_:signer2:signature}}

{{Dte_es_:signer2:date}}

Witness signature and date

Print:

18. Department Chairperson

Obtain the signature of your department’s Chairperson to acknowledge their understanding of this disclosure and the interrelationship between this invention, any related sponsored research, potential conflicts of interest, and University duties.

{{Sig_es_:signer3:signature}}

{{Dte_es_:signer3:date}}

Department Chairperson signature and date

Print:

Dept.:

19. Office of Research and Sponsored Programs — Signature and Date Recorded

{{Sig_es_:signer4:signature}}

{{Dte_es_:signer4:date}}

ORSP signature and date

Print:

20. Inventor Request for Waiver (Optional)

If you believe that the invention was made outside the general scope of your University duties, conceived without the use of University time, facilities, staff, materials, University information not available to the general public, and without the use of funds administered by the University, check the space below, sign and date where shown (in addition to signing above), and provide a short explanation of the circumstances under which the invention was made and developed, resources employed, and your University duties at the time of the making of the invention. If you would like the University to consider patent prosecution of this invention in its name, check the appropriate space below as well.

☐ I/we hereby request a waiver of University rights to this invention

☐ I/we would like the University to consider prosecution of patent applications (I/we understand that assignment of my/our rights will be required)

Signed / Date (waiver request — inventor 1)

Signed / Date (waiver request — inventor 2)

Waiver signature lines are intentionally untagged because the waiver is optional; if a waiver is requested, the sender adds signature fields for the requesting inventor(s) in Adobe Sign.

Technical review

Please list APSU faculty members with research interests in this field who might be qualified to serve on a technical review of this invention. If none are suitable, list others. A Confidentiality Disclosure Agreement will be used to protect your idea during the review process.

1.
2.