



Penn
Engineering

Personal Information Form

Date: 05/25/2023

Have you been employed by the University before? Yes / No ☒

Hire Date: 05/25/2023 Penn ID (if applicable): 14995414

Legal First Name: SHIMING Middle Initial: _____ Last Name: LIANG

Address: 2930 Chestnut Street Apt#: 2602

City: Philadelphia State: PA Zip Code: 19104

Date of Birth (MM/DD/YYYY): 04 / 15 / 2000 Sex: ☒ M / ☐ F / Prefer not to answer

Mobile #: 2675799389 Home #: _____ Other #: _____

E-mail: smliang@seas.upenn.edu

Do you have authorization to work in the United States? ☒ Y / ☐ N

Will you now or in the future require sponsorship for employment visa status? Y / ☒ N

Check one: ☐ US citizen ☐ Permanent Resident ☒ Foreign National

Department: Mechanical Engineering & Applied Mechanics Supervisor: M. Ani Hsieh

Documentation Required:

- Appointment Letter

Signature: SHIMING LIANG

UNIVERSITY OF PENNSYLVANIA INTELLECTUAL PROPERTY PARTICIPATION AGREEMENT

In order that the University may fulfill legal and contractual obligations to sponsors of research, including but not limited to the federal government, and in consideration of my employment by the University, or my participation in sponsored research, or my use of funds, facilities, or other resources provided by the University, I hereby agree as follows:

1. I have read, and I understand and agree that I am bound by, the terms of the Patent and Tangible Research Property Policies and Procedures of the University of Pennsylvania, as well as by the terms of any revisions or amendments adopted by the President and/or the Trustees of the University of Pennsylvania (collectively, the "Patent Policy"), effective retroactively to the first date of my employment, appointment or matriculation, and/or participation in sponsored research, and/or SUBSTANTIAL USE OF UNIVERSITY RESOURCES ("Start Date"). I understand that words appearing as all capitalized letters in this Agreement are used as defined in the Patent Policy.
2. I agree to report to the INTELLECTUAL PROPERTY ADMINISTRATOR ("IPA") any INVENTION which is conceived or reduced to practice in the course of my employment at the University, or from work directly related to professional or employment responsibilities at the University, or from work carried out on University time, or at University expense, or with SUBSTANTIAL USE OF UNIVERSITY RESOURCES under grants or otherwise. I **hereby irrevocably assign to The Trustees of the University of Pennsylvania all right, title and interest in and to any and all such INVENTIONS, effective retroactively to my Start Date.**
3. I acknowledge that any TANGIBLE RESEARCH PROPERTY, whether or not patentable, which is made in the course of employment at the University or from work directly related to professional or employment responsibilities at the University, or from work carried out on University time, or at University expense, or with SUBSTANTIAL USE OF UNIVERSITY RESOURCES under grants or otherwise is the property of the University. I **hereby irrevocably assign to The Trustees of the University of Pennsylvania all right, title and interest in and to any and all such TANGIBLE RESEARCH PROPERTY, effective retroactively to my Start Date.**
4. I understand that the University incurs binding obligations to sponsors under the terms of sponsored research agreements. When I participate in sponsored research, I understand that it is my responsibility to ascertain and abide by the terms of the sponsored research agreement as it relates to me. In particular, when engaged in outside activity, such as consulting, I recognize my duty to protect the University's obligations to its research sponsors and its rights pursuant to the PATENT POLICY.
5. I also understand that on occasion University policy or the University's obligations to research sponsors may require that I assign my interest in copyrightable materials to the University. **In such cases, I hereby irrevocably assign all right, title and interest in and to such materials and the copyrights therein, if any, to The Trustees of the University of Pennsylvania,**

effective retroactively to my Start Date. I further understand that, in agreements with research sponsors, the University seeks to retain copyrights for its faculty.

6. I will cooperate fully with the University in the preparation, filing and prosecution of patents, in the registration of copyrights and in the preparation and execution of all documents necessary or incidental thereto, including but not limited to any additional written assignments deemed desirable by the University to further evidence my legal assignment of ownership or otherwise facilitate protection of the intellectual property.

7. I accept the provisions for the sharing of amounts and EQUITY in the PATENT POLICY and the then-current Policy Relating to Copyrights and Commitment of Effort for Faculty (the "Copyright Policy").

8. I am under no obligation to any person, organization or corporation with respect to any INVENTION(S), TANGIBLE RESEARCH PROPERTY or copyrightable materials which are, or could be reasonably be construed to be, in conflict with this Agreement, except as set forth in writing in the signed attachment to this letter (if any).

9. This Agreement and the assignments and obligations are effective as of my Start Date, and apply to any INVENTION(S), TANGIBLE RESEARCH PROPERTY, and copyrightable materials made during the time I am employed by the University, hold an appointment, continue to matriculate, participate in sponsored research, or otherwise make a SUBSTANTIAL USE OF UNIVERSITY RESOURCES.

Signature: Shiming Liang

Printed Name: SHIMING LIANG

Penn ID: 14995414

Date: 05/25/2023