

**WORLDWIDE ASSIGNMENT**

WHEREAS, Yunxing Lu, a citizen of China, and whose post office address is 1628 King James Drive, Pittsburgh, PA, Andrew P. Bunger, a citizen of \_\_\_\_\_, and whose post office address is \_\_\_\_\_; (hereinafter referred to as "ASSIGNORS"), invented a new invention as disclosed in a patent application entitled "**GENERATING PRECISELY REFERENCED RESPONSES FROM USER SUPPLIED DOCUMENTS BY LARGE LANGUAGE MODELS**" identified by Attorney Docket No. 072396.1027, which

- ☐ is being filed concurrently with the recordation of this Assignment.
- ☒ Provisional Application was filed on August 12, 2024 as Application No. 63/682,113.
- ☐ United States Patent Application was filed on \_\_\_\_\_, as Application No. \_\_\_\_\_.
- ☐ the PCT Application was filed on \_\_\_\_\_ as Application No. \_\_\_\_\_.

WHEREAS, **UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION**, a non-profit corporation organized and existing under the laws of the Commonwealth of **Pennsylvania**, having its principal place of business at **1st Floor Gardner Steel Conference Center, 130 Thackeray Avenue, Pittsburgh, Pennsylvania 15260** (hereinafter referred to as "ASSIGNEE"), is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under said invention and said United States provisional application or said application for United States Letters Patent, as the case may be, and said invention in all applications claiming priority thereto or converted therefrom, and all divisions, renewals, continuations and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues, reexaminations and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries other than the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said applications above under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international

agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

ASSIGNORS hereby covenant and agree that ASSIGNORS have full right to convey the entire right, title and interest herein assigned, that such right, title and interest is unencumbered, and that ASSIGNORS have not executed, and will not execute, any agreement in conflict herewith;

ASSIGNORS further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, legal representatives and assigns;

ASSIGNORS further covenant and agree that ASSIGNORS will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, reexamination, foreign applications or other such Letters Patent, make all rightful oaths, and generally do everything possible to aid ASSIGNEE or, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries;

ASSIGNORS hereby authorize ASSIGNEE's patent attorney to complete this form by the addition of the application number, application filing date, and attorney docket number, if necessary.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 13<sup>th</sup> day of  
October, 2024

Yunxing Lu  
Yunxing Lu

Witness: Yingbo Zhu [signature]  
Yingbo Zhu [name]

Witness: Zhijie Wang [signature]  
Zhijie Wang [name]

**IN WITNESS WHEREOF**, I have hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
**Andrew P. Bunger**

Witness: \_\_\_\_\_[signature]  
\_\_\_\_\_ [name]

Witness: \_\_\_\_\_[signature]  
\_\_\_\_\_ [name]

**IN WITNESS WHEREOF**, I have hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

**UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH  
SYSTEM OF HIGHER EDUCATION**

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**Name: Evan Facher, Ph.D., MBA**

**Title: Director, Innovation Institute**

**Vice Chancellor for Innovation and Entrepreneurship**