Carnegie Mellon University

DISCLOSURE OF INTELLECTUAL PROPERTY CREATED (INCLUDING DELIVERABLES) WHILE PERFORMING WORK UNDER MASTER SPONSORED RESEARCH AGREEMENT

All information requested in this Intellectual Property Disclosure must be completed in order to expeditiously process it. Any missing or incomplete information may delay processing your submission.

| 1. | Title | of F | Proi | ect: |
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a. Lead Creator:

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- 2. Creator(s): By signing this form the undersigned Creators acknowledge and agree that they are bound by Carnegie Mellon University's Intellectual Property Policy, online at http://www.cmu.edu/policies/documents/IntellProp.html (the "Policy"). Therefore, by signing below: (i) if the Policy allows Carnegie Mellon University ("CMU") to own the intellectual property created while performing the work, the undersigned Creator hereby assigns to CMU any and all ownership the undersigned has in such intellectual property; and (ii) if the Policy allows CMU to receive a license to use the intellectual property created while performing the work, the undersigned Creator hereby grants to CMU such license; and (iii) if the undersigned Creator is entitled to share in a portion of net proceeds to the university (as that term is defined in the Policy) from the commercial development of the intellectual property created while performing the work under the Policy, the undersigned Creator acknowledges that it will be entitled to receive that portion of net proceeds to the university equal to (50%) x (your "% of contribution" listed on this Disclosure of Intellectual Property) from CMU's commercial development of that intellectual property.
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| Next Creator: | | | |
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| Full institutional addres | s (if not affiliated with Carne | gie Mellon) | |
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| d. Next Creator: | | | |
| print or type name | signature | | date |
| department | phone | current e-mail | % of contribution |
| Nature of contribution to | the IP (Briefly explain v | why this person is a creator) | |
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| Country of Citizenship | | | |

Please list additional inventor(s) and relevant information on an additional sheet.

| Carnegie Mellon - Center for Technology Trar | sfer |
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| | Il of the intellectual property created while performing the work in y of the code, link to the code or instructions where it can be |

4. Intellectual Property Protections

| a. This Intellectual Property Disclosure describes the following intellectual property created (please "X" all that apply): |
|---|
| A composition of matter (chemical entity) |
| A machine |
| A method or process |
| Software |
| Source Code |
| Designs or other copyrightable materials |
| Biological materials |
| Other; please specify |
| |

Was any software, libraries, etc. from other internal (e.g., CMU) sources (ex. projects or researchers) used in the creation of this intellectual property or does the intellectual property otherwise build upon earlier work/intellectual property of any of the creators or others at CMU? Please list below:

d. Was any Open Source software, Creative Commons copyrights or other third party material used in the creation of this intellectual property? Please list below:

Please feel free to attach additional material or data that would provide us with helpful information.

Email the completed electronic copy of this Invention Disclosure form

to: innovation@cmu.edu

If unable to sign electronically, paper copies may be sent to:

Department Administrator

Center for Technology Transfer and Enterprise Creation
4615 Forbes Avenue, Suite 302

Pittsburgh, PA 15213