

## ASSIGNMENT

WHEREAS, we, Martin D. Burke, Daniel Blair, Nicholas Angello, and Wesley Wang, hereinafter called the "Assignors", have made the invention set forth in the United States patent application entitled, FASTER AUTOMATED ITERATIVE C-C BOND FORMATION, for a full description of which reference is here made to PCT Patent Application Serial No. PCT/US2024/042436, filed on August 15, 2024; claiming priority to U.S. Provisional Patent Application Serial No. 63/533,412, filed on August 18, 2023, and U.S. Provisional Patent Application Serial No. 63/673,311, filed on July 19, 2024;

WHEREAS, The Board of Trustees of the University of Illinois, a body corporate and politic of the State of Illinois, organized and existing under the laws of the State of Illinois, having a place of business at 352 Henry Administration Building, 506 S. Wright St., Urbana, Illinois 61801, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent applications identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, continuations-in-part, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the

prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of U.S. Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

Dated: 8-30-2024 / *Martin Burke* /  
Martin D. Burke

Dated: 8-30-2024 / *Daniel Blair* /  
Daniel Blair

Dated: 8-30-2024 / *Nicholas Angello* /  
Nicholas Angello

Dated: 8-30-2024 / *Wesley Wang* /  
Wesley Wang

ASSIGNEE:

**The Board of Trustees of the University of Illinois**

By: *Paul Ellinger* / Date: 9/3/2024

Name: Paul N. Ellinger

Title: VP & CFO, Comptroller

By: *Nathan Hoffmann* / Date: 9/3/2024

Nathan Hoffmann, Signatory Delegate

Director of Office of Technology Management