Rose-Hulman Institute of Technology
Non-Exclusive License for Student Thesis Agreement

Megan Liebman, an individual over the age of eighteen years, ("Author") hereby grants to Rose-Hulman Institute of Technology, Inc., an Indiana not-for-profit corporation ("Rose-Hulman") an irrevocable, perpetual, non-exclusive, royalty-free, world-wide, unlimited right and license to reproduce, perform, display, transmit electronically and/or otherwise distribute without alteration his/her work of authorship entitled: **Asset Management Model for Industrial Process Automation System in the Chemical Engineering Unit Operations (Work)** (including, without limitation, the thesis, abstract, and all supplemental materials associated therewith), in whole or in part via the following checked options:

- Rose-Hulman's institutional repository, library, and/or archives
- ProQuest/UMI (Rose-Hulman's selected external thesis publisher)

If this box is checked, Author shall sign the ProQuest/UMI License Agreement attached hereto.

Rose-Hulman may make the contents of the Work freely available worldwide under the conditions specified in this Agreement (the "Agreement").

Rose-Hulman shall have the right to migrate or convert the Work to any medium or format on its own timeline, whether in existence now or developed in the future, for the purposes of preservation and/or distribution. This includes the right to keep more than one copy of the Work for the purpose of security, backup, preservation and/or distribution. This further includes the right to add or edit metadata associated with the Work for the purposes of access, clarification and/or preservation of the Work.

Author hereby represents and warrants to Rose-Hulman that the Work is Author's original work and that Author has the right to grant this license to Rose-Hulman. If the Work contains materials for which Author does own all the intellectual property rights, Author represents and warrants to Rose-Hulman that Author has obtained the necessary permission from each third party owning such rights to grant the license granted herein. Author shall clearly identify any and all third-party owned intellectual property contained in the Work.

Author further represents and warrants that the version of the Work being submitted pursuant to this license is the same version of the thesis, abstract, and supplemental materials that were approved both by his/her graduate thesis committee and by the Director of the Graduate Studies Office. To the best of Author’s knowledge, the Work does not infringe upon any third-party's intellectual property rights, including but not limited to copyright owned by a third party.

In the event Author decides to assign or license the copyright in the Work to another party, Author shall inform the assignee(s) or licensee(s), as the case may be, of the rights and license granted to Rose-Hulmar by and through this Agreement.

In the event the Work is based upon work that has been sponsored or supported by an agency or organization other than Rose-Hulman, Author represents and warrants that Author has fulfilled any and all of his/her other obligations required by any agreement with such supporting organization.

If a dispute arises related to the intellectual property rights in any material contained in the Work, Author shall indemnify, defend, and otherwise hold harmless Rose-Hulman and its employees, agents, successors or assigns (if any) from and against all claims, actions, damages, judgments and expenses (including reasonable attorney fees) arising out of or from (1) any and all uses of the material by Rose-Hulman as authorized by this Agreement, (2) breach by Author of any representations and warranties by Author set forth in this Agreement, and (3) any and all acts or omissions of Author related to such material and the intellectual property rights therein.
Author retains ownership of the Work and the copyright therein and may exercise any and all copyright rights in the Work including for example, and without limitation, publishing the Work in electronic formats or non-electronic formats, and creating books, articles or other derivative works.

This Rose-Hulman Institute of Technology Non-Exclusive License for Student Thesis Agreement shall become effective on the date it is executed by both parties.

On this 29 day of April, 2016, the parties herein hereby agree to the terms of the Non-Exclusive License for Student Thesis Agreement:

Rose-Hulman Institute of Technology

By: ____________________________
Signature

Megan Siahmakoun
Printed Name

Its: ____________________________
Title

Thesis Author

Signature

Megan Liebman
Printed Name

Date of Thesis (MMM-YYYY): May 2016

Thesis Title:
Asset Management Model for an Industrial Process Automation System in the Chemical Engineering Unit Operations Laboratory at Rose-Hulman Institute of Technology

Please select one of the following thesis availability options (must match any Institutional Repository [IR] selection made in ProQuest/UMI):

X No restriction on availability

___ 6 month embargo

___ 1 year embargo

___ 2 year embargo

Thesis Author’s Signature: ____________________________

1919955.1