

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4535504

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHADWICK A. SHAFFER	08/02/2017
TODD A. PORTER	08/02/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE TORO COMPANY
<b>Street Address:</b>	8111 LYNDALE AVENUE SOUTH
<b>City:</b>	BLOOMINGTON
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55420-1196
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15624116
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	612-305-1227
<b>Email:</b>	ahoernemann@mrgs.com
<b>Correspondent Name:</b>	MATTHEW W. ADAMS
<b>Address Line 1:</b>	111 THIRD AVENUE SOUTH
<b>Address Line 2:</b>	SUITE 350
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55401
<b>ATTORNEY DOCKET NUMBER:</b>	206.01780130
<b>NAME OF SUBMITTER:</b>	MATTHEW W. ADAMS
<b>SIGNATURE:</b>	/Matthew W. Adams, Reg# 43459/
<b>DATE SIGNED:</b>	08/04/2017
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

Whereas We, **Chadwick A. Shaffer** and **Todd A. Porter**, with residences and citizenships as indicated below; have made an invention in

### **WALK POWER MOWER WITH TRANSMISSION PROVIDING BOTH FORWARD AND REVERSE PROPULSION**

Filed: June 15, 2017

U.S. Application Serial No.: 15/624,116

and executed an application for Letters Patent of the United States of America based thereon;

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we have individually and jointly agreed to assign and transfer and do hereby assign and transfer unto **THE TORO COMPANY** ("Assignee"), a corporation of Delaware, having its principal office at **8111 LYNDALE AVENUE SOUTH, BLOOMINGTON, MN 55420-1196, UNITED STATES OF AMERICA**, its successors and assigns, our entire right, title, and interest in and to said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in said invention made by us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by the Assignee of whichever of us, solely or jointly with one or more others, has made the same), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by us or any of us had this assignment and transfer not been made;

We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the Assignee, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent that may be granted upon any of said applications, to **THE TORO COMPANY** as the assignee of the entire right, title, and interest therein.

*Assignment*

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*Filing Date: June 15, 2017*

*For: WALK POWER MOWER WITH TRANSMISSION PROVIDING BOTH FORWARD AND  
REVERSE PROPULSION*

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Further, we covenant and agree with the Assignee, and its successors and assigns, that we have not assigned, granted, mortgaged, licensed, or executed any other agreement affecting the rights and property herein conveyed to others and that we possess the full right to convey these rights and property as herein expressed.

If the filing date and application number are not identified in this Assignment at the time of execution, we authorize the Assignee and its agents, legal representatives, successors and assigns, to insert such information into this Assignment and/or true and correct copies thereof at a later date.

In witness whereof, we have hereunto signed our names on the days and years set forth below.

Assignment

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Application No. 15/624,116

Filing Date: June 15, 2017

For: WALK POWER MOWER WITH TRANSMISSION PROVIDING BOTH FORWARD AND  
REVERSE PROPULSION



Name: Chadwick A. Shaffer

Residence: Oakdale, MN

Citizenship: US

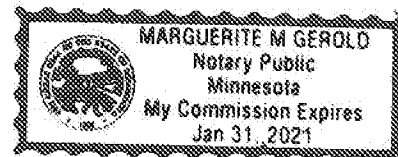
8/2/17

Date

STATE OF Minnesota )  
 ) ss.  
COUNTY OF Hennepin )

On this 2nd day of August, 2017, before me personally appeared Chadwick A. Shaffer, to me known to be the person described in and who executed the foregoing instrument, and he/she executed the same for the uses and purposes therein set forth.

Marguerite M. Gerold  
Notary Public



Assignment

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Application No. 15/624,116

Filing Date: June 15, 2017

For: WALK POWER MOWER WITH TRANSMISSION PROVIDING BOTH FORWARD AND  
REVERSE PROPULSION

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Todd A. Porter

8/2/17

Name: Todd A. Porter  
Residence: Rosemount, MN  
Citizenship: US

Date

STATE OF Minnesota )  
 ) ss.  
COUNTY OF Hennepin )

On this 2nd day of August 2017, before me personally appeared Todd A. Porter, to  
me known to be the person described in and who executed the foregoing instrument, and he/she  
executed the same for the uses and purposes therein set forth.

Marguerite M. Gerold  
Notary Public

