

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
CONVEYING PARTY DATA																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ariana Jacqueline Keeling</td> <td>08/15/2012</td> </tr> <tr> <td>Kirby Shane Cook</td> <td>08/09/2012</td> </tr> <tr> <td>Timothy Paul Kowalczyk</td> <td>08/10/2012</td> </tr> <tr> <td>Aaron Joseph Ruff</td> <td>08/15/2012</td> </tr> <tr> <td>Sean Michael McDonald</td> <td>08/15/2012</td> </tr> <tr> <td>Sean Michael Greene</td> <td>08/14/2012</td> </tr> <tr> <td>Marc Celestini</td> <td>08/09/2012</td> </tr> <tr> <td>Brian Alexander Nelson</td> <td>08/14/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ariana Jacqueline Keeling	08/15/2012	Kirby Shane Cook	08/09/2012	Timothy Paul Kowalczyk	08/10/2012	Aaron Joseph Ruff	08/15/2012	Sean Michael McDonald	08/15/2012	Sean Michael Greene	08/14/2012	Marc Celestini	08/09/2012	Brian Alexander Nelson	08/14/2012
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<table border="1"> <tr> <td>Name:</td> <td>Cardinal Gibbons High School</td> </tr> <tr> <td>Street Address:</td> <td>1401 Edwards Mill Rd.</td> </tr> <tr> <td>City:</td> <td>Raleigh</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>27607</td> </tr> </table>		Name:	Cardinal Gibbons High School	Street Address:	1401 Edwards Mill Rd.	City:	Raleigh	State/Country:	NORTH CAROLINA	Postal Code:	27607								
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CORRESPONDENCE DATA																			
Fax Number:	2142000853																		
Phone:	214-651-5000																		
Email:	ipdocketing@haynesboone.com																		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																			
Correspondent Name:	HAYNES AND BOONE, LLP IP Section																		
Address Line 1:	2323 Victory Avenue, Suite 700																		
Address Line 2:	Theodore M. Foster																		
Address Line 4:	Dallas, TEXAS 75219																		

OP \$40.00 13588531

PATENT

ATTORNEY DOCKET NUMBER:	47163.3
NAME OF SUBMITTER:	Theodore M. Foster
<p>Total Attachments: 9</p> <p>source=47163-3-Assignment#page1.tif</p> <p>source=47163-3-Assignment#page2.tif</p> <p>source=47163-3-Assignment#page3.tif</p> <p>source=47163-3-Assignment#page4.tif</p> <p>source=47163-3-Assignment#page5.tif</p> <p>source=47163-3-Assignment#page6.tif</p> <p>source=47163-3-Assignment#page7.tif</p> <p>source=47163-3-Assignment#page8.tif</p> <p>source=47163-3-Assignment#page9.tif</p>	

ASSIGNMENT

WHEREAS, We,

- | | | | |
|-----|---------------------------|----|----------------------|
| (1) | Ariana Jacqueline Keeling | of | Durham, NC, USA |
| (2) | Kirby Shane Cook | of | Cary, NC, USA |
| (3) | Timothy Paul Kowalczyk | of | Chapel Hill, NC, USA |
| (4) | Aaron Joseph Ruff | of | Apex, NC, USA |
| (5) | Sean Michael McDonald | of | Cary, NC, USA |
| (6) | Sean Michael Greene | of | Raleigh, NC, USA |
| (7) | Marc Celestini | of | Raleigh, NC, USA |
| (8) | Brian Alexander Nelson | of | Cary, NC, USA |

have invented a

ROBOTIC VEHICLE HAVING TRACTION AND MOBILITY-ENHANCED WHEEL STRUCTURES

for which we have executed and filed an application for Letters Patent of the United States of America, on August 17, 2012; and which was assigned Application Serial No. 13/588,531; and

WHEREAS, We hereby authorize and request the attorneys of record to insert the application number and filing date of said application if this assignment is being filed after the application has been filed; and

WHEREAS, Cardinal Gibbons High School (Assignee), a school organized and existing under the laws of the State of North Carolina, having its principal office and place of business in the City of Raleigh, State of North Carolina, is desirous of obtaining the entire right, title, and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto; and

WHEREAS, We and Cardinal Gibbons High School desire that we should thereafter retain all rights necessary to practice the invention and to develop improvements thereupon, whether for commercial, noncommercial, or experimental purposes; and

WHEREAS, All inventors are under the age of 18 and their parents or legal guardians are desirous of affirming agreement with the terms of this assignment;

NOW, THEREFORE, for One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, and subject to the retained rights as described in the following paragraph, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Assignee, its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuing applications

thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and we hereby authorize and request the Commissioner of Patents of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND NOTWITHSTANDING the above assignment, we hereby retain for each of ourselves individually, a fully transferable, non-exclusive, worldwide right to practice the invention under any and all Letters Patent, and to make commercial, noncommercial, and experimental use of the invention under any and all Letters Patent, and to grant licenses or sublicenses to others to practice the invention under any and all Letters Patent on terms that we may each individually dictate, all without any royalty or accounting obligations whatsoever to each other or to the Assignee.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid the said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

Inventor Name and Residence Address:

Ariana Jacqueline Keeling, 5602 Sutteridge Ct., Durham, NC 27713

Dated: 8/15/12



Ariana Jacqueline Keeling (Inventor Signature)

Dated: 8/15/12


Parent or Legal Guardian Signature

Lisa Rae Keeling
Name of Parent or Legal Guardian

Dated: 8/15/12


Witness Signature
Witness Name: EUGENE D. KEELING

Inventor Name and Residence Address:
Kirby Shane Cook, 7404 Ridgefield Drive, Cary, NC 27519

Dated: 8/9/2012

Kirby S. Cook
Kirby Shane Cook (Inventor Signature)

Dated: 9 August 2012

Wendy K. Cook
Parent or Legal Guardian Signature

Wendy Cook - or - Christopher Cook
Name of Parent or Legal Guardian

Dated: 08/09/2012

Angela Cook
Witness Signature
Witness Name: Audrey C Cook

Inventor Name and Residence Address:
Timothy Paul Kowalczyk, 204 Glenhill Lane, Chapel Hill, NC 27514

Dated: _____

Timothy Paul Kowalczyk (Inventor Signature)

Dated: _____

Parent or Legal Guardian Signature

Annamarie Helen McNulty-Kowalczyk
Name of Parent or Legal Guardian

Dated: _____

Witness Signature
Witness Name: _____

Assignment

Attorney Docket No. 47163.3
Customer No. 27683

Inventor Name and Residence Address:
Kirby Shane Cook, 7404 Ridgefield Drive, Cary, NC 27519

Dated: _____

Kirby Shane Cook (Inventor Signature)

Dated: _____

Parent or Legal Guardian Signature

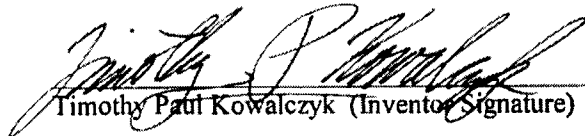
Wendy Cook - or - Christopher Cook
Name of Parent or Legal Guardian

Dated: _____

Witness Signature
Witness Name: _____

Inventor Name and Residence Address:
Timothy Paul Kowalczyk, 204 Glenhill Lane, Chapel Hill, NC 27514

Dated: 8-10-12


Timothy Paul Kowalczyk (Inventor Signature)

Dated: 08/10/2012


Parent or Legal Guardian Signature

Annmarie Helen McNulty-Kowalczyk
Name of Parent or Legal Guardian

Dated: _____

Witness Signature
Witness Name: _____

Assignment

Attorney Docket No. 47163.3
Customer No. 27683

Inventor Name and Residence Address:

Aaron Joseph Ruff, 1103 Red Sunset Drive, Apex, NC 27502

Dated: 8/15/12

Aaron Joseph Ruff
Aaron Joseph Ruff (Inventor Signature)

Dated: 8/15/12

Wendy Robin Ruff
Parent or Legal Guardian Signature

Wendy Robin Ruff
Name of Parent or Legal Guardian

Dated: 8/15/12

[Signature]
Witness Signature
Witness Name: ROBERT RUFF

Inventor Name and Residence Address:

Sean Michael McDonald, 109 Loch Stone Lane, Cary, NC 27518

Dated: _____

Sean Michael McDonald (Inventor Signature)

Dated: _____

Parent or Legal Guardian Signature

Michael John McDonald
Name of Parent or Legal Guardian

Dated: _____

Witness Signature
Witness Name: _____

Assignment

Attorney Docket No. 47163.3
Customer No. 27683

Inventor Name and Residence Address:
Aaron Joseph Ruff, 1103 Red Sunset Drive, Apex, NC 27502

Dated: _____

Aaron Joseph Ruff (Inventor Signature)

Dated: _____

Parent or Legal Guardian Signature

Wendy Robin Ruff

Name of Parent or Legal Guardian

Dated: _____

Witness Signature

Witness Name: _____

Inventor Name and Residence Address:
Sean Michael McDonald, 109 Loch Stone Lane, Cary, NC 27518

Dated: 5/15/2012

Sean Michael McDonald

Sean Michael McDonald (Inventor Signature)

Dated: 8/15/2012

Michael John McDonald

Parent or Legal Guardian Signature

Michael John McDonald

Name of Parent or Legal Guardian

Dated: _____

Witness Signature

Witness Name: _____

Assignment

Attorney Docket No. 47163.3
Customer No. 27683

Inventor Name and Residence Address:

Sean Michael Greene, 9113 Miranda Drive, Raleigh, NC 27617

Dated: 8/14/12

Sean Michael Greene
Sean Michael Greene (Inventor Signature)

Dated: 8/14/12

Michael Dean Greene
Parent or Legal Guardian Signature

Michael Dean Greene
Name of Parent or Legal Guardian

Dated: 8/14/2012

Ann Marie Toebes
Witness Signature
Witness Name: Ann Marie Toebes

Inventor Name and Residence Address:

Marc Celestini, 8312 Davishire Drive, Raleigh, NC 27615

Dated: _____

Marc Celestini (Inventor Signature)

Dated: _____

Parent or Legal Guardian Signature

Peter Celestini
Name of Parent or Legal Guardian

Dated: _____

Witness Signature
Witness Name: _____

Assignment

Attorney Docket No. 47163.3
Customer No. 27683

Inventor Name and Residence Address:

Sean Michael Greene, 9113 Miranda Drive, Raleigh, NC 27617

Dated: _____

Sean Michael Greene (Inventor Signature)

Dated: _____

Parent or Legal Guardian Signature

Jane Kelley Greene

Name of Parent or Legal Guardian

Dated: _____

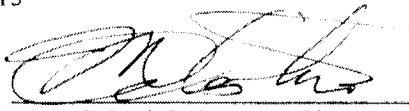
Witness Signature

Witness Name: _____

Inventor Name and Residence Address:

Marc Celestini, 8312 Davishire Drive, Raleigh, NC 27615

Dated: 8/09/12



Marc Celestini (Inventor Signature)

Dated: 8.9.12



Parent or Legal Guardian Signature

Peter Celestini

Name of Parent or Legal Guardian

Dated: 8.9.12



Witness Signature

Witness Name: PATRICIA CELESTINI

Assignment

Attorney Docket No. 47163.3
Customer No. 27683

Inventor Name and Residence Address:
Brian Alexander Nelson, 405 Bathgate Lane, Cary, NC 27513

Dated: 8/14/12

Brian Nelson
Brian Alexander Nelson (Inventor Signature)

Dated: 8/14/12

Elaine Nelson
Parent or Legal Guardian Signature

Elaine Nelson
Name of Parent or Legal Guardian

Dated: 8/14/12

John D. Nelson Jr.
Witness Signature
Witness Name: John D. Nelson Jr.