

## PATENT ASSIGNMENT

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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>Debra Johnson</td> <td>01/31/2012</td> </tr> <tr> <td>David B. Marlar</td> <td>01/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Debra Johnson	01/31/2012	David B. Marlar	01/27/2012
Name	Execution Date						
Debra Johnson	01/31/2012						
David B. Marlar	01/27/2012						
RECEIVING PARTY DATA							
Name:	Eco-Edge, LLC						
Street Address:	7400 West Detroit Street, #150						
City:	Chandler						
State/Country:	ARIZONA						
Postal Code:	85226						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13278626</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13278626		
Property Type	Number						
Application Number:	13278626						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	59457.0100						
NAME OF SUBMITTER:	James Henson						
Total Attachments: 2 source=594570100_ASSIGN_001#page1.tif source=594570100_ASSIGN_001#page2.tif							

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## ASSIGNMENT

### PATENT APPLICATION

WHEREAS, the undersigned inventor(s) (hereinafter singly and collectively, "ASSIGNOR") of the addresses indicated below, have invented subject matter disclosed in the patent application entitled SYSTEMS AND METHODS FOR HIGH EFFICIENCY RELIABLE CATALYST DELIVERY TO INTERNAL COMBUSTION ENGINES filed on October 21, 2011 and assigned Serial No. 13/278,626.

AND WHEREAS, Eco-Edge, LLC. (hereinafter "ASSIGNEE"), a limited liability company organized and existing under and by virtue of the laws of the State of Arizona, having its principal place of business at and a mailing address of 7400 West Detroit Street, #150, Chandler, Arizona 85226, is desirous of acquiring an interest therein;

NOW, THEREFORE, the undersigned ASSIGNOR hereby confirms that ASSIGNOR is a full time salaried employee, past employee, officer or director, or a contractor of ASSIGNEE and that ASSIGNOR developed the subject matter of the invention on ASSIGNEE's time and at the expense of ASSIGNEE and within the scope of ASSIGNOR's duties to ASSIGNEE and thereby ASSIGNOR recognizes that the ASSIGNEE owns the invention as described in the aforesaid applications. Nonetheless to comport with Patent Office procedures, ASSIGNOR memorializes that relationship in the form of this assignment and;

THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the invention, as described in the Application, including patent, copyright and any other intellectual property rights, any provisional, non-provisional, continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT or other patent application or like document, or any other application which claims priority to said application, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives.

AND HEREBY AGREES to transfer to ASSIGNEE, its successors, assigns and legal representatives, without further remuneration, to provide all reasonable assistance and execute any papers, if accurate, desired by ASSIGNEE, its successors, assigns and legal representatives, to preserve, acquire and/or perfect ASSIGNEE's full protection and title in and to the invention and any improvements and to file any of the aforementioned applications.

AGREEING FURTHERMORE, upon the request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of any formal applications based on the invention or Application, or improvements therein, and the perfecting of title thereto in ASSIGNEE.

EXECUTED as of the date(s) written below by ASSIGNOR:

First inventor: Debra Johnson

Signature: [Signature] Date: 1/31/12

Residence address: 15024 South 21<sup>st</sup> Place, Phoenix, Arizona 85048

STATE OF Arizona  
COUNTY OF Maricopa

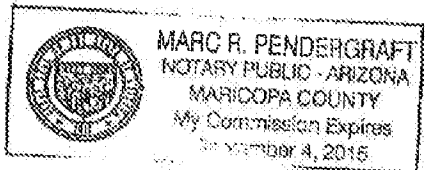
On this day, 1/31/12, before me, Marc R. Pendergraft  
a notary public in and for said county, personally appeared: Debra Johnson

- personally known to me or
- proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal:

[Signature]  
Signature of Notary Public



Second inventor: David B. Marlar

Signature: [Signature] Date: 1-27-2012

Residence address: 1122 South Meadows Drive, Chandler, Arizona 85248

STATE OF Maricopa, Arizona  
COUNTY OF Maricopa

On this day, 27 Jan/12, before me, David Brian Marlar  
a notary public in and for said county, personally appeared: David B. Marlar

- personally known to me or
- proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal:

[Signature]  
Signature of Notary Public

