	U.S. DEPARTMENT OF COMMER United States Patent and Trademark
To the Director of the U.S. Patent and Trademark Office: Plo	ase record the attached documents or the new address(es) below
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
·	Name: The Dupps Company
GRD1 LLC Odessa, Florida	Internal Address:
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Additional name(s) of conveying party(ies) attached? []Yes [X] I 3. Nature of conveyance/Execution Date(s):	Street Address:
Execution Date(s) June 1, 2012	,
Assignment Merger	- 548 North Cherry Street
Security Agreement Change of Name	City: Germantown
Joint Research Agreement	State: Ohio
Government Interest Assignment	
Executive Order 9424, Confirmatory License	Country: USA Zip: 45327
Other	Additional name(s) & address(es) attached? Yes
4. Application or patent number(s):	is document is being filed together with a new applica
A. Patent Application No.(s)	B. Patent No.(s)
N/A	[1] 7,913,940 Rent Recordan
	[2] 6,177,152
Additional numbers	altached? Yes XNo
5. Name and address to whom correspondence	6. Total number of applications and patents
concerning document should be mailed:	involved: Two
Name: Merle F. Wilberding	7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>80.00</u>
Internal Address:	-
	~ Authorized to be charged to deposit account
Street Address:	
33 West First Street, Suite 600	None required (government interest not affecting)
City: Dayton	_ 8. Payment Information
State: OhioZip: 45402	_
Phone Number: 937-449-5772	
Docket Number:	— Deposit Accopypt/ <u>Митраян 66069895 7913946</u>
Email Address: wilberding@coollaw.com	Authorized
	Merchy Dely 31, 20
Signature.	J O J Date

PATENT REEL: 028724 FRAME: 0381

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Aug. 2. 2012 9:20AM

## PATENT ASSIGNMENT ASPHALT SHINGLE RECYCLING SYSTEM AND METHOD PATENT NO. US 7,913,940

On June 1, 2012, for good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, GRD I, LLC (also known as "GRO I, LLC"), a limited liability company organized under the laws of the State of Florida 33556, USA, does hereby

SELL, ASSIGN AND TRANSFER to THE DUPPS COMPANY, a corporation organized under the laws of the State of Ohio (the "Assignee"), all right, title and interest in the United States and all foreign countries, in and to any and all improvements and inventions which are disclosed in the application for United State Letters Patent entitled "Asphalt Shingle Recycling System and Method", Application Serial No. 12/381,192, filed March 9, 2009, and subsequently granted as Patent Number US 7,913,940 on March 29, 2011, such application and all provisional, nonprovisional, divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries corresponding or relating to such application or to any of such improvements and inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign countries corresponding or relating to such application or to such improvements and inventions; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on the subject matter hereof to Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all provisional, nonprovisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements and inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to the subject matter of such applications or to such improvements and inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for the subject matter of such applications or to such improvements and inventions and for vesting ownership to the patent applications and patents and to such improvements and inventions in and to the Assignee;

EXHIBIT D

PATENT REEL: 028724 FRAME: 0382 Aug. 2. 2012 9:21AM

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

## GRD I, LLC a Florida limited liability company

By Harmon Family Limited Partnership a Florida limited partnership

> By Harmon Family Management LLC a Florida limited liability company (General Partner in Harmon Family Limited/Partnership)

Bν Thomas B. Harmon

Managing Member

STATE OF FLORIDA

COUNTY OF PASCO

On this 15 day of June, 2012, before me personally came Thomas B. Harmon, Managing Member of Harmon Family Management LLC, the General Partner of Harmon Family Limited Partnership WHICH IS the Managing Member of GRD I, LLC, who signed the foregoing instrument and who being duly sworn by me did depose and state that he signed this document voluntarily.

§

Notary Public PATRICIA HALL Notary Public - State of Florida My Comm. Expires May 2, 2018 Commission # EE 194914

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## PATENT ASSIGNMENT ASPHALT SHINGLE RECYCLING SYSTEM PATENT NO. US 8,177,152

On June 1, 2012, for good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, GRD I, LLC (also known as "GRO I, LLC"), a limited liability company organized under the laws of the State of Florida 33556, USA, does hereby

SELL, ASSIGN AND TRANSFER to THE DUPPS COMPANY, a corporation organized under the laws of the State of Ohio (the "Assignee"), all right, title and interest in the United States and all foreign countries, in and to any and all improvements and inventions which are disclosed in the application for United State Letters Patent entitled "Asphalt Shingle Recycling System", Application Serial No. 13/065,025, filed March 11, 2011, and subsequently granted as Patent Number US 8,177,152 on May 15, 2012, such application and all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries corresponding or relating to such application or to any of such improvements and inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign countries corresponding or relating to such application or to such improvements and inventions; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on the subject matter hereof to Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all provisional, nonprovisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements and inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to the subject matter of such applications or to such improvements and inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for the subject matter of such applications or to such improvements and inventions and for vesting ownership to the patent applications and patents and to such improvements and inventions in and to the Assignee;

EXHIBIT C

PATENT REEL: 028724 FRAME: 0384 Aug. 2. 2012 9:21AM Coolidge Wall Co. LPA 9372238711 No. 2480 P. 7

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

> GRD I, LLC a Florida limited liability company

By Harmon Family Limited Partnership a Florida limited partnership

> By Harmon Family Management LLC a Florida limited liability company (General Partner in Harmon Eaplily Limited Partnership)

Thomas B. Harmon

Managing Member

STATE OF FLORIDA

COUNTY OF PASCO

On this 15 day of June, 2012, before me personally came Thomas B. Harmon, Managing Member of Harmon Family Management LLC, the General Partner of Harmon Family Limited Partnership which is the Managing Member of GRD I, LLC, who signed the foregoing instrument and who being duly sworn by me did depose and state that he signed this document voluntarily.

§

Notary Public

PATRICIA HALL Notery Public - State of Florida My Comm, Expires May 2, 2016 Commission # EE 194914

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**RECORDED: 07/19/2012**