

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5578297

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
EMERGING ACQUISITIONS, LLC	05/01/2019
NATIONAL RECOVERY TECHNOLOGIES, LLC	05/01/2019
NIHOT RECYCLING TECHNOLOGY B.V.	05/01/2019
ZERO WASTE ENERGY, LLC	05/01/2019
RECEIVING PARTY DATA	
Name:	PNC BANK, NATIONAL ASSOCIATION
Street Address:	500 FIRST AVENUE
Internal Address:	COMMERCIAL LOAN SERVICE CENTER/DCC
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15219
PROPERTY NUMBERS Total: 70	
Property Type	Number
Application Number:	08112411
Application Number:	60018249
Application Number:	60326805
Patent Number:	5484247
Patent Number:	5450966
Patent Number:	5485925
Patent Number:	5647473
Patent Number:	5799801
Patent Number:	5960964
Patent Number:	6149018
Patent Number:	6371305
Patent Number:	6726028
Patent Number:	7261209
Patent Number:	7434695
Patent Number:	7584856
Patent Number:	7677396

PATENT

Property Type	Number
Patent Number:	7810646
Patent Number:	7942273
Patent Number:	8307987
Patent Number:	8336714
Patent Number:	8857621
Patent Number:	8424684
Patent Number:	8430249
Patent Number:	8618432
Patent Number:	8991616
Patent Number:	9283594
Application Number:	15357827
Application Number:	62548817
Application Number:	62640779
Application Number:	62616801
Application Number:	62616692
Application Number:	15946627
Patent Number:	4977837
Patent Number:	5260576
Patent Number:	5370234
Patent Number:	5339962
Patent Number:	5419670
Patent Number:	5518124
Patent Number:	5555984
Patent Number:	5622471
Patent Number:	5638959
Patent Number:	5738224
Patent Number:	6124560
Patent Number:	6313423
Patent Number:	6610981
Patent Number:	6855901
Patent Number:	7012256
Patent Number:	7244941
Patent Number:	7286634
Patent Number:	7558370
Patent Number:	8692148
Patent Number:	9227229
Patent Number:	9234838
Application Number:	11675042

Property Type	Number
Application Number:	13786923
Application Number:	14157953
Application Number:	60030183
Application Number:	60030185
Application Number:	60200720
Application Number:	60285479
Application Number:	60342290
Application Number:	60501741
Application Number:	60501767
Application Number:	60734057
Application Number:	61399865
Application Number:	61703355
Application Number:	61853572
Patent Number:	RE40394
Patent Number:	RE36537
Application Number:	62151495

CORRESPONDENCE DATA

Fax Number: (215)832-5619

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.

Phone: 2155695619

Email: pecsenye@blankrome.com

Correspondent Name: TIMOTHY D. PECSENYE

Address Line 1: ONE LOGAN SQUARE

Address Line 2: 8TH FLOOR

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	074658-19025
NAME OF SUBMITTER:	TIMOTHY D. PECSENYE
SIGNATURE:	/Timothy D. Pecsénye/
DATE SIGNED:	06/18/2019

Total Attachments: 18

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this "Agreement") is made as of this 1st day of May 2019, by each of the undersigned (collectively the "Grantors" and each a "Grantor"), in favor of PNC BANK, NATIONAL ASSOCIATION, in its capacity as agent for the Lenders defined below.

WHEREAS, pursuant to that certain Revolving Credit, Term Loan and Security Agreement dated as of the date hereof (as amended, restated, supplemented or otherwise modified from time to time, including all exhibits and schedules thereto, the "Credit Agreement") among Grantors (together with any Person joined thereto from time to time as a Loan Party (as defined in the Credit Agreement), collectively the "Loan Parties"), the lenders from time to time party thereto (the "Lenders"), and PNC Bank, National Association, as agent for Lenders ("Agent"), the Lenders agreed to make certain financial accommodations available to Borrowers from time to time pursuant to the terms and conditions thereof; and

WHEREAS, pursuant to the Credit Agreement, each Grantor is required to execute and deliver to Agent, for the benefit of the Lenders, this Agreement.

NOW, THEREFORE, in consideration of the premises and mutual covenants herein contained and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor hereby agrees as follows:

1. DEFINED TERMS. All capitalized terms used but not otherwise defined herein have the meanings given to them in the Credit Agreement.

2. GRANT AND REAFFIRMATION OF SECURITY INTEREST. To secure the payment and performance of the Obligations under the Loan Agreement, each Grantor hereby grants to Agent for its benefit and the benefit of the Lenders, and hereby reaffirms its prior grant pursuant to the Loan Agreement of a continuing security interest in and Lien on all of such Grantor's right, title and interest in, to and under the following, whether presently existing or hereafter created or acquired (collectively, the "IP Collateral");

(a) all of such Grantor's copyrights and copyright applications (collectively, "Copyrights") and all of the goodwill of the business connected with the use of, and symbolized by, each Copyright, including without limitation those U.S. copyright registrations and copyright applications referred to on Schedule 1 hereto;

(b) all of such Grantor's patents and patent applications (collectively, "Patents"), including without limitation those U.S. patent registrations and patent applications referred to on Schedule 1 hereto;

(c) all of such Grantor's trademarks, trademark applications, service marks, trade names, mask works (collectively, "Trademarks"), and all of the goodwill of the business connected with the use of, and symbolized by, each Trademark, including without limitation those U.S. trademark registrations and trademark applications referred to on Schedule 1 hereto, but excluding any "intent to use" application for a trademark if such application (or any registration issuing therefrom) solely during the period in which, the grant of a lien therein would impair the validity or the enforceability of such intent to

use trademark or service mark application, or any trademark or service marks issuing therefrom under federal law or other applicable foreign law;

(d) all reissues, continuations or extensions of the foregoing; and

(e) all products and proceeds of the foregoing, including without limitation any claim by such Grantor against third parties for past, present or future infringement or dilution of any Copyright, any Patent, or any Trademark.

3. SECURITY FOR OBLIGATIONS. This Agreement and the security interest created hereby secure the payment and performance of all the Obligations under the Credit Agreement, whether now existing or arising hereafter. Without limiting the generality of the foregoing, this Agreement secures the payment of all amounts which constitute part of the Obligations and would be owed by any Grantor to Agent, the Lenders or any of them pursuant to the Credit Agreement.

4. CREDIT AGREEMENT. The security interests granted pursuant to this Agreement are granted in conjunction with the security interests granted to Agent, for the benefit of the Lenders, pursuant to the Credit Agreement. Each Grantor hereby acknowledges and affirms that the rights and remedies of Agent with respect to the security interest in the IP Collateral made and granted hereby are more fully set forth in the Credit Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

5. REPRESENTATIONS, WARRANTIES AND AGREEMENTS. Each Grantor hereby represents and warrants to, and agrees with Agent and Lenders as follows: Schedule 1 hereto accurately lists all IP Collateral registered in the United States as of the date hereof.

6. AUTHORIZATION TO SUPPLEMENT. If any Grantor shall obtain rights to any new IP Collateral, this Agreement shall automatically apply thereto. Each Grantor shall give prompt notice in writing to Agent with respect to any new material IP Collateral. Notwithstanding the foregoing, no failure to modify this Agreement or amend Schedule 1 to include such new IP Collateral shall in any way affect, invalidate or detract from Agent's continuing security interest in all IP Collateral, whether or not listed on Schedule 1.

7. GOVERNING LAW. This Agreement and the transactions contemplated hereby, and all disputes between the parties under or relating to this Agreement or the facts or circumstances leading to its execution, whether in contract, tort or otherwise shall, in accordance with Section 5-1401 of the General Obligations Law of the State of New York, be construed in accordance with and governed by the laws (including statutes of limitation) of the State of New York, without regard to conflicts of law principles that would require the application of the laws of another jurisdiction.

8. COUNTERPARTS. This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original, but all such separate counterparts shall together constitute but one and the same instrument. Any signatures delivered by a party by facsimile transmission or by e-mail transmission shall be deemed an original signature hereto.

9. CONSTRUCTION. Unless the context of this Agreement clearly requires otherwise, the term "or" has, except where otherwise indicated, the inclusive meaning represented by the phrase "and/or." Section, subsection, clause, schedule, and exhibit references

herein are to this Agreement unless otherwise specified. Any reference herein to any Person shall be construed to include such Person's successors and assigns.

[signature page follows]

Each of the parties has signed this Agreement as of the day and year first above written.

EMERGING ACQUISITIONS, LLC

By:



Name: Gary Weber

Title: Chief Financial Officer

NATIONAL RECOVERY
TECHNOLOGIES, LLC

By:

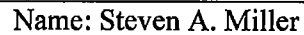


Name: Gary Weber

Title: Chief Financial Officer

NIHOT RECYCLING TECHNOLOGY B.V.

By:



Name: Steven A. Miller

Title: Sole Director

ZERO WASTE ENERGY, LLC

By:



Name: Gary Weber

Title: Chief Financial Officer

Each of the parties has signed this Agreement as of the day and year first above written.

EMERGING ACQUISITIONS, LLC

By:

Name: Gary Weber
Title: Chief Financial Officer


NATIONAL RECOVERY
TECHNOLOGIES, LLC

By:

Name: Gary Weber
Title: Chief Financial Officer

NIHOT RECYCLING TECHNOLOGY B.V.

By:



Name: Steven A. Miller
Title: Sole Director

ZERO WASTE ENERGY, LLC

By:

Name: Gary Weber
Title: Chief Financial Officer

SCHEDULE 1
TO
INTELLECTUAL PROPERTY SECURITY AGREEMENT

I. U.S. Copyright Registrations and Copyright Applications

None

II. U.S. Patent Registrations and Patent Applications

	Grantor	Title	U.S. Application No.	U.S. Patent No.
1.	Bulk Handling Systems	METHOD AND APPARATUS FOR CLASSIFYING MATERIALS	08/112,411	
2.	Bulk Handling Systems	METHOD AND APPARATUS FOR SORTING RECYCLED MATERIAL	60/018,249	
3.	Bulk Handling Systems	DE-INKING SCREEN AND PROCESS	60/326,805	
4.	Emerging Acquisitions, LLC	BAG BREAKER	08/243,849	5484247
5.	Emerging Acquisitions, LLC	MULTI-STAGE DISC SCREEN FOR CLASSIFYING MATERIALS BY SIZE	08/263,524	5450966
6.	Emerging Acquisitions, LLC	SYSTEM AND METHOD FOR SEPARATING RECYCLED DEBRIS	08/310,265	5485925
7.	Emerging Acquisitions, LLC	METHOD AND APPARATUS FOR ALIGNING AND SPACING ARTICLES ON A CONVEYOR BELT	08/386,959	5647473
8.	Emerging Acquisitions, LLC	METHOD AND APPARATUS FOR SEPARATING PAPER	08/430,728	5799801

		FROM CARDBOARD		
9.	Emerging Acquisitions, LLC	METHOD AND APPARATUS FOR SORTING RECYCLED MATERIAL	08/769,506	5960964
10.	Emerging Acquisitions, LLC	METHOD AND APPARATUS FOR SORTING RECYCLED MATERIAL	09/304,618	6149018
11.	Emerging Acquisitions, LLC	METHOD AND APPARATUS FOR SORTING RECYCLED MATERIAL	09/620,017	6371305
12.	Emerging Acquisitions, LLC	DE-INKING SCREEN	10/264,298	6726028
13.	Emerging Acquisitions, LLC	MULTI-DISC MODULE AND METHOD OF APPLICATION	11/026,701	7261209
14.	Emerging Acquisitions, LLC	DE-INKING SCREEN	10/823,835	7434695
15.	Emerging Acquisitions, LLC	AIR SEPARATION OF RECYCLABLE MATERIAL	11/556,582	7584856
16.	Emerging Acquisitions, LLC	DE-INKING SCREEN	12/206,683	7677396
17.	Emerging Acquisitions, LLC	AIR SEPARATION OF RECYCLABLE MATERIAL	12/348,676	7810646
18.	Emerging Acquisitions, LLC	CROSS FLOW AIR SEPARATION SYSTEM	12/247,196	7942273
19.	Emerging Acquisitions, LLC	ELECTROSTATIC MATERIAL SEPARATOR	12/818,339	8307987
20.	Emerging	HEATING SYSTEM FOR	12/466,322	8336714

	Acquisitions, LLC	MATERIAL PROCESSING SCREEN		
21.	Emerging Acquisitions, LLC	DE-INKING SCREEN WITH AIR KNIFE	12/780,585	8857621
22.	Emerging Acquisitions, LLC	MULTI- DIAMETER DISC ASSEMBLY WITH INDEPENDENTLY ATTACHABLE DISC MEMBERS	12/616,521	8424684
23.	Emerging Acquisitions, LLC	DE-INKING SCREEN	12/709,447	8430249
24.	Emerging Acquisitions, LLC	SEPARATION SYSTEM FOR RECYCLABLE MATERIAL	11/959,361	8618432
25.	Emerging Acquisitions, LLC	DE-INKING SCREEN WITH AIR KNIFE	12/780,585	8857621
26.	Emerging Acquisitions, LLC	MATERIAL SORTING DISCS WITH VARIABLE INTERFACIAL OPENING	13/683,982	8991616
27.	Emerging Acquisitions, LLC	MATERIAL SORTING DISCS WITH VARIABLE INTERFACIAL OPENING	14/628,789	9283594
28.	Emerging Acquisitions, LLC	REUSABLE MATERIAL HANDLING DISC FOR RECOVERY AND SEPARATION OF RECYCLABLE MATERIALS	15/357,827	
29.	Emerging Acquisitions, LLC	HIGH SPEED MANIPULATION OF NON-UNIFORM OBJECTS	62/548,817	

30.	Emerging Acquisitions, LLC	AUTONOMOUS 2D AND 3D RECOVERABLE WASTE SORTING	62/640,779	
31.	Emerging Acquisitions, LLC	AUTONOMOUS DATA COLLECTION AND SYSTEM CONTROL FOR MATERIAL RECOVERY FACILITIES	62/616,801	
32.	Emerging Acquisitions, LLC	AL BASED PROGNOSTICS AND EFFICIENCY MONITORING OF MATERIAL SCREENING	62/616,692	
33.	Emerging Acquisitions, LLC	HIGH SPEED MANIPULATION OF NON-UNIFORM OBJECTS	15/946,627	
34.	National Recovery Technologies, LLC	PROCESS AND APPARATUS FOR REDUCING HEAVY METAL TOXICITY IN FLY ASH FROM SOLID WASTE INCINERATION	07/486,802	4977837
35.	National Recovery Technologies, LLC	METHOD AND APPARATUS FOR SEPARATION OF MATERIALS USING PENETRATING ELECTROMAGNETIC RADIATION	07/605,993	5260576
36.	National Recovery Technologies, LLC	ROTARY MATERIALS SEPARATOR AND METHOD OF SEPARATING MATERIALS	07/790,216	5370234
37.	National Recovery	METHOD AND APPARATUS FOR SORTING MATERIALS	777718	5339962

	Technologies, LLC	USING ELECTROMAGNETIC SENSING		
38.	National Recovery Technologies, LLC	METHOD AND APPARATUS FOR OPENING AND EMPTYING BAGS CONTAINING RECYCLABLE MATERIALS	104273	5419670
39.	National Recovery Technologies, LLC	METHOD AND APPARATUS FOR SEPARATION OF MATERIALS USING PENETRATING ELECTROMAGNETIC RADIATION	292954	5518124
40.	National Recovery Technologies, LLC	AUTOMATED GLASS AND PLASTIC REFUSE SORTER	96178	5555984
41.	National Recovery Technologies, LLC	METHOD AND APPARATUS FOR OPENING AND EMPTYING BAGS CONTAINING RECYCLABLE MATERIALS	449836	5622471
42.	National Recovery Technologies, LLC	ROTARY MATERIALS SEPARATOR	08/353,330	5638959
43.	National Recovery Technologies, LLC	METHOD AND APPARATUS FOR SEPARATION OF MATERIALS USING PENETRATING ELECTROMAGNETIC RADIATION	650851	5738224
44.	National Recovery Technologies, LLC	TELEOPERATE D ROBOTIC SORTING SYSTEM	09/297,081	6124560
45.	National Recovery	APPLICATION OF RAMAN SPECTROSCOPY TO	09/284,955	6313423

	Technologies, LLC	IDENTIFICATION AND SORTING OF POST-CONSUMER PLASTICS FOR RECYCLING		
46.	National Recovery Technologies, LLC	METHOD AND APPARATUS FOR NEAR-INFRARED SORTING OF RECYCLED PLASTIC WASTE	09/841,519	6610981
47.	National Recovery Technologies, LLC	PROCESS AND APPARATUS FOR SPECTROSCOPIC IDENTIFICATION AND SORTING OF BARRIER MATERIALS	10/126,252	6855901
48.	National Recovery Technologies, LLC	COMPUTER ASSISTED BAG SCREENING SYSTEM	10/328,328	7012256
49.	National Recovery Technologies, LLC	COMPUTER ASSISTED BAG SCREENING SYSTEM	11/375,228	7244941
50.	National Recovery Technologies, LLC	METHOD AND APPARATUS FOR IMPROVING BAGGAGE SCREENING EXAMINATION	10/938,238	7286634
51.	National Recovery Technologies, LLC	METHOD AND APPARATUS FOR IMPROVING IDENTIFICATION AND CONTROL OF ARTICLES PASSING THROUGH A SCANNING SYSTEM	11/568,801	7558370
52.	National Recovery Technologies, LLC	METHOD AND APPARATUS FOR IMPROVING PERFORMANCE IN CONTAINER SORTING	13/183,200	8692148
53.	National Recovery	METHOD TO IMPROVE DETECTION	14/033,445	9227229

	Technologies, LLC	OF THIN WALLED POLYETHYLENE TEREPHTHALATE CONTAINERS FOR RECYCLING INCLUDING THOSE CONTAINING LIQUIDS		
54.	National Recovery Technologies, LLC	METHOD TO IMPROVE DETECTION OF THIN WALLED POLYETHYLENE TEREPHTHALATE CONTAINERS FOR RECYCLING INCLUDING THOSE CONTAINING LIQUIDS	14/033,481	9234838
55.	National Recovery Technologies, LLC	METHOD AND APPARATUS FOR IMPROVING BAGGAGE SCREENING EXAMINATION	11/675,042	
56.	National Recovery Technologies, LLC	METHODS OF PROCESSING WASTE MATERIAL TO RENDER A COMPOSTABLE PRODUCT	13/786,923	
57.	National Recovery Technologies, LLC	METHOD AND APPARATUS FOR IMPROVING PERFORMANCE IN CONTAINER SORTING	14/157,953	
58.	National Recovery Technologies, LLC	USE OF COMPUTER ROBOTICS TO REDUCE HUMAN CONTACT WITH THE WASTE STREAM AND LOWER THE COSTS FOR RECYCLABLE MATERIALS	60/030,183	
59.	National Recovery Technologies, LLC	APPLICATION OF RAMAN SPECTROSCOPY TO IDENTIFICATION AND	60/030,185	

		SORTING OF POST-CONSUMER PLASTICS FOR RECYCLING		
60.	National Recovery Technologies, LLC	METHOD AND APPARATUS FOR NEAR-INFRARED SORTING RECYCLED PLASTIC WASTE	60/200,720	
61.	National Recovery Technologies, LLC	PROCESS AND APPARATUS FOR SPECTROSCOPIC IDENTIFICATION AND SORTING OF BARRIER MATERIALS	60/285,479	
62.	National Recovery Technologies, LLC	COMPUTER ASSISTED BAG SCREENING SYSTEM	60/342,290	
63.	National Recovery Technologies, LLC	METHOD AND APPARATUS FOR PROVIDING INCREASED THROUGHPUT RATES AND MULTIPLE IMAGES OF PEOPLE AND THEIR CARRIED ITEMS THROUGH SECURITY CHECKPOINTS	60/501,741	
64.	National Recovery Technologies, LLC	COMPUTERIZED SECURITY CHECK POINT STATION SCREENING APPARATUS AND SYSTEM WITH AUTOMATED CONTROL AND TRACKING OF TRAFFIC FLOW AND WITH DATABASE AND COMMUNICATIONS NETWORKING	60/501,767	
65.	National Recovery Technologies, LLC	METHOD AND APPARATUS FOR IMPROVING IDENTIFICATION AND	60/734,057	


		CONTROL OF ARTICLES PASSING THROUGH A SCANNING SYSTEM		
66.	National Recovery Technologies, LLC	METHOD AND APPARATUS FOR IMPROVING PERFORMANCE IN CONTAINER SORTING	61/399,865	
67.	National Recovery Technologies, LLC	METHOD OF PROCESSING WASTE MATERIAL TO RENDER A COMPOSTABLE PRODUCT	61/703,355	
68.	National Recovery Technologies, LLC	METHOD TO IMPROVE DETECTION OF THIN WALLED POLYETHYLENE TEREPHTHALATE CONTAINERS FOR RECYCLING INCLUDING THOSE CONTAINING LIQUIDS	61/853,572	
69.	National Recovery Technologies, LLC	METHOD AND APPARATUS FOR REDUCED COST OF SORTING CONTAINERS IN RECYCLING	Provisional application filed 1/10/2012	
70.	National Recovery Technologies, LLC	TELEOPERATED ROBOTIC SORTING SYSTEM	10/252,444	RE40,394
71.	National Recovery Technologies, LLC	METHOD AND APPARATUS FOR SORTING MATERIALS USING ELECTROMAGNETIC SENSING	08/802,716	RE36537
72.	National Recovery Technologies, LLC	MULTISPECTRAL IMAGING SYSTEM FOR HIGH SPEED SORTING OF	62/151,495	


		PLASTICS		
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III. U.S. Trademark Registrations and Trademark Applications

#	Grantor	Mark	U.S. Application / Registration Number
1.	Emerging Acquisitions, LLC		Reg. No. 5347922
2.	Emerging Acquisitions, LLC		Reg. No. 5347921
3.	Emerging Acquisitions, LLC	MAX-AI	Reg. No. 5347801
4.	Emerging Acquisitions, LLC	BHS DE-INKING SCREEN	Reg. No. 2964693
5.	Emerging Acquisitions, LLC	BHS BULK HANDLING SYSTEMS	Reg. No. 2964692
6.	Emerging Acquisitions, LLC	BHS HI-GRADER	Reg. No. 2257670
7.	Emerging Acquisitions, LLC	BHS NEWSORTER	Reg. No. 2220890
8.	Emerging Acquisitions, LLC	OCC SEPARATOR	Reg. No. 2196243
9.	Emerging Acquisitions, LLC	BHS BAG BREAKER	Reg. No. 2194070
10.	Emerging Acquisitions, LLC	BHS DEBRIS ROLL SCREEN	Reg. No. 2126662
11.	Emerging Acquisitions, LLC	BHS MAX	App. No. 87/323,736 (Abandoned)
12.	Emerging Acquisitions, LLC	NRT MAX	App. No. 87/323,797 (Abandoned - No

			Response to OA Filed - Inst. Rec'd to abandon)
13.	Bulk Handling Systems, Inc. (predecessor entity to Emerging Acquisitions, LLC)	ECONO-VEYOR	Reg. No. 1113019
14.	Bulk Handling Systems, Inc. (predecessor entity to Emerging Acquisitions, LLC)	B.H.S. ROLL-SCREEN	Reg. No. 1135534 (Canceled for failure to file a Declaration of Use)
15.	Bulk Handling Systems, Inc. (predecessor entity to Emerging Acquisitions, LLC)		Reg. No. 1255827 (Canceled for failure to file a Declaration of Use)
16.	Bulk Handling Systems, Inc. (predecessor entity to Emerging Acquisitions, LLC)	NEWSORTER	App. No. 75/104,043 (Abandoned - No Response to Office Action Filed)
17.	Bulk Handling Systems, Inc. (predecessor entity to Emerging Acquisitions, LLC)	BHS	App. No. 75/122,319 (Abandoned - No Response to Office Action Filed)
18.	National Recovery Technologies, LLC	DXRT	App. No. 87/435,728 (pending)
19.	National Recovery Technologies, LLC	NRT	Reg. No. 4138788
20.	National Recovery Technologies, LLC	IN-FLIGHT SORTING	Reg. No. 4587027
21.	National Recovery Technologies, LLC	TRUSORT	Reg. No. 4538639
22.	National Recovery Technologies, LLC	SPYDIR	Reg. No.4273404

23.	National Recovery Technologies, LLC		Reg. No. 4138790 (Canceled)
24.	National Recovery Technologies, LLC	MULTISORT	Reg. No. 1949442 (Canceled)
25.	National Recovery Technologies, LLC	DXRT	App. No. 85/710,342 (Abandoned for failure to file a Statement of Use)
26.	National Recovery Technologies, LLC	TOUCHTAG	App. No. 78/527,688 (Abandoned for failure to respond to an Office Action (OA))
27.	National Recovery Technologies, LLC	SECURIFLO	Reg. No. 3276425 (Canceled for failure to file a Declaration of Use)
28.	National Recovery Technologies, LLC	ROBOSORT	Reg. No. 2336601 (Canceled for failure to file a Declaration of Use)
29.	National Recovery Technologies, LLC	BOS	Reg. No. 1820444 (Canceled for failure to file a Declaration of Use)
30.	National Recovery Technologies, LLC	RMS	Reg. No. 1820443 (Canceled for failure to file a Declaration of Use)
31.	National Recovery Technologies, LLC	VINYLCYCLE	Reg. No. 1765559 (Canceled for failure to file a Declaration of Use)
32.	National Recovery Technologies, LLC	OMNISORT	App. No. 74453062 (Abandoned for failure to file a

			Statement of Use)
33.	National Recovery Technologies, LLC	ARM	App. No. 74304436 (Abandoned for failure to respond to an Office Action (OA))
34.	National Recovery Technologies, LLC	AUTOSORT	Reg. No. 1820445 (Canceled for failure to file a Declaration of Use)
35.	National Recovery Technologies, LLC	ELPAC	Reg. No. 1725061 (Canceled for failure to file a Declaration of Use)
36.	National Recovery Technologies, LLC	PULSORT	Reg. No. 1725060 (Canceled for failure to file a Declaration of Use)
37.	Nihot Recycling Technology B.V.	AIRCONOMY	International Reg. No. 1137517 (Assigned U.S. Reg. No. 4416456)
38.	Nihot Recycling Technology B.V.		International Reg. No. 940015 (Assigned U.S. Reg. No. 3612561)
39.	Zero Waste Energy, LLC		Reg. No. 4339273