

FORM PTO-1619A  
Expires 08/30/99  
OMB 0651-0027

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

### RECORDATION FORM COVER SHEET PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

#### Submission Type

New

Resubmission (Non-Recordation)  
Document ID#

Correction of PTO Error  
Reel #  Frame #

Corrective Document  
Reel #  Frame #

#### Conveyance Type

Assignment  Security Agreement

License  Change of Name

Merger  Other

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

Departmental File  Secret File

#### Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1)	<input type="text" value="James M. Canter"/>	Execution Date Month Day Year <input type="text" value="08-25-2012"/>
Name (line 2)	<input type="text"/>	
<b>Second Party</b>		Execution Date Month Day Year
Name (line 1)	<input type="text" value="William C. Royal, Jr."/>	<input type="text" value="02-07-2013"/>
Name (line 2)	<input type="text"/>	

#### Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)     
City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

#### Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

#### FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**PATENT**

FORM PTO-1619B  
Expires 08/30/99  
OMB 0851-0027

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

**Correspondent Name and Address**

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments. #

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT  PCT  PCT   
PCT  PCT  PCT

**Number of Properties**

Enter the total number of properties involved. #

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:  
Deposit Account

Enclosed  Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes  No

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Daniel E. Venglarik

Name of Person Signing

Signature

July 17, 2013

Date

FORM PTO-1619C  
Expires 06/30/99  
OMB 0651-0027

### RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

#### Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date  
Month Day Year

Name (line 1) Victor Partyshev

10-15-2012

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) Troy Doom

01-31-2013

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) Bryan W. Godwin

02-08-2013

Name (line 2)

#### Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

#### Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)



502230575 02/13/2013

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>James M. Canter</td> <td>08/25/2012</td> </tr> <tr> <td>William C. Royal Jr</td> <td>02/07/2013</td> </tr> <tr> <td>Victor Partyshev</td> <td>10/15/2012</td> </tr> <tr> <td>Troy Doom</td> <td>01/31/2013</td> </tr> <tr> <td>Byan W. Godwin</td> <td>02/08/2013</td> </tr> </tbody> </table>		Name	Execution Date	James M. Canter	08/25/2012	William C. Royal Jr	02/07/2013	Victor Partyshev	10/15/2012	Troy Doom	01/31/2013	Byan W. Godwin	02/08/2013
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>CRANE MERCHANDISING SYSTEMS, INC.</td> </tr> <tr> <td>Street Address:</td> <td>12955 Enterprise Way</td> </tr> <tr> <td>City:</td> <td>Bridgeton</td> </tr> <tr> <td>State/Country:</td> <td>MISSOURI</td> </tr> <tr> <td>Postal Code:</td> <td>63044</td> </tr> </table>		Name:	CRANE MERCHANDISING SYSTEMS, INC.	Street Address:	12955 Enterprise Way	City:	Bridgeton	State/Country:	MISSOURI	Postal Code:	63044		
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Application Number:	13559376												
CORRESPONDENCE DATA													
Fax Number:	9726283616												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	972-628-3600												
Email:	patents@munckwilson.com												
Correspondent Name:	DOCKET CLERK												
Address Line 1:	P.O. DRAWER 800889												
Address Line 4:	DALLAS, TEXAS 75380												
ATTORNEY DOCKET NUMBER:	CRAN01-00541												
NAME OF SUBMITTER:	Daniel E. Venglarik												
Total Attachments: 7													

PATENT  
 REEL: 030938 FRAME: 0467

CH \$40.00 13559376

**DOCKET NO.: CRAN01-00541****PATENT****ASSIGNMENT**

WHEREAS, We, James M. Canter, resident of Austin, Travis County, Texas, citizen of the United States, William C. Royal, Jr., resident of Oak Ridge, Guilford County, North Carolina, citizen of the United States, Victor Partyshev, resident of Kiev, Ukraine, citizen of Ukraine, Troy Doom, resident of North Augusta, Aiken County, South Carolina, citizen of the United States, and Bryan W. Godwin, resident of Round Rock, Williamson County, Texas, citizen of the United States, have invented certain new and useful improvements in a "METHOD FOR AUTOMATED PLANOGRAM PROGRAMMING IN A VENDING MACHINE" disclosed in an application for United States Letters Patent (Application No. 13/559,376, filed July 26, 2012), said application having been executed concurrently herewith;

WHEREAS, CRANE MERCHANDISING SYSTEMS, INC., a Delaware corporation, having a place of business at 12955 Enterprise Way, Bridgeton, Missouri 63044 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; We authorize William A. Munck or Daniel E. Venglarik of Munck Wilson Mandala, LLP to insert in the parenthesis above the application number and filing date of said application when known; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said

ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this 25 day of August, 2012.

  
\_\_\_\_\_  
James M. Canter

STATE OF TEXAS

§  
§  
§

COUNTY OF TRAVIS

On this \_\_\_ day of \_\_\_\_\_, 2012, before me, a Notary Public in and for the State and County aforesaid, personally appeared James M. Canter, known to me to be the person named above who signed and sealed the foregoing instrument, and acknowledged the same to be his/her own free act and deed.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires:

\_\_\_\_\_

Date: 2/7/13

William C. Royal, Jr.  
William C. Royal, Jr.

STATE OF NORTH CAROLINA

§

COUNTY OF GUILFORD

§

§

On this \_\_\_\_ day of \_\_\_\_\_, 2012, before me, a Notary Public in and for the State and County aforesaid, personally appeared William C. Royal, Jr., known to me to be the person named above who signed and sealed the foregoing instrument, and acknowledged the same to be his/her own free act and deed.

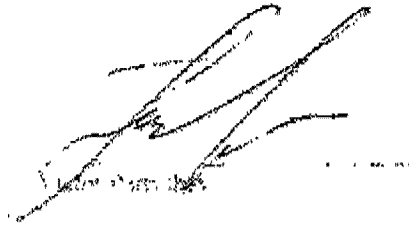
\_\_\_\_\_  
Notary Public, State of North Carolina

My Commission Expires:

\_\_\_\_\_



10/15/2012

A handwritten signature in black ink, appearing to be 'John H. ...', written over a faint horizontal line.

Date: 1/31/2015

  
\_\_\_\_\_  
Troy Doom

STATE OF SOUTH CAROLINA     §  
  §  
COUNTY OF AIKEN             §

On this \_\_\_\_ day of \_\_\_\_\_, 2012, before me, a Notary Public in and for the State and County aforesaid, personally appeared Troy Doom, known to me to be the person named above who signed and sealed the foregoing instrument, and acknowledged the same to be his/her own free act and deed.

\_\_\_\_\_  
Notary Public, State of South Carolina

My Commission Expires:  
\_\_\_\_\_

Date: 8 Feb 2013

[Signature]  
Bryan W. Godwin

STATE OF TEXAS

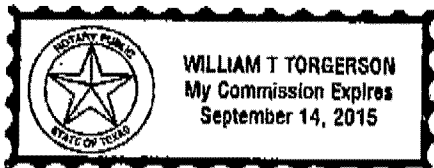
§

COUNTY OF WILLIAMSON

§

§

On this 8<sup>th</sup> day of February, 2012, before me, a Notary Public in and for the State and County aforesaid, personally appeared Bryan W. Godwin, known to me to be the person named above who signed and sealed the foregoing instrument, and acknowledged the same to be his/her own free act and deed.



[Signature]  
Notary Public, State of Texas

My Commission Expires:

September 14, 2015

**ATTORNEY DOCKET No.: CRAN01-00541**  
**Customer No. 23990**

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : James M. Canter, et al.  
United States Serial No. : 13/559,376  
Filed : July 26, 2012  
Title : METHOD FOR AUTOMATED PLANOGRAM  
PROGRAMMING IN A VENDING MACHINE  
Art Group Unit : 3651  
Examiner : Not Yet Assigned  
Confirmation No. : 4698

Mail Stop Assignment Recordation Services  
Director of the U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**REQUEST TO CORRECT NOTICE OF RECORDATION**  
**OF ASSIGNMENT DOCUMENT**

Applicant has noted an error in the Notice of Recordation of Assignment Document sheet previously recorded on February 13, 2013 at Reel 029808, Frame 0424. The Assignor's name is incorrectly listed as "Byan W. Godwin". The correct spelling of the Assignor's name is "Bryan W. Godwin".

Attached hereto is the original Notice of Recordation of Assignment Document, a copy of the originally recorded Assignment document, and the original cover sheet. The error in the Notice is apparent when that Notice is compared with the recorded document and Recordation Form Cover Sheet.

**PATENT**  
**REEL: 030938 FRAME: 0475**



United States Patent and Trademark Office

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**Electronic Patent Assignment System**

**Confirmation Receipt**

Your assignment has been received by the USPTO.  
The coversheet of the assignment is displayed below:

**PATENT ASSIGNMENT**

Electronic Version v1.1  
Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
James M. Canter	08/25/2012
William C. Royal, Jr	02/07/2013
Victor Partyshev	10/15/2012
Troy Doom	01/31/2013
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<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CRANE MERCHANDISING SYSTEMS, INC.
<b>Street Address:</b>	12955 Enterprise Way
<b>City:</b>	Bridgeton
<b>State/Country:</b>	MISSOURI
<b>Postal Code:</b>	63044
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13559376
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	9726283616

**PATENT**

<b>Phone:</b>	972-628-3600
<b>Email:</b>	patents@munckwilson.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Correspondent Name:</b>	DOCKET CLERK
<b>Address Line 1:</b>	P.O. DRAWER 800889
<b>Address Line 4:</b>	DALLAS, TEXAS 75380
<b>ATTORNEY DOCKET NUMBER:</b>	CRAN01-00541
<b>NAME OF SUBMITTER:</b>	Daniel E. Venglarik
<b>Signature:</b>	/Daniel E. Venglarik/
<b>Date:</b>	02/13/2013
<b>Total Attachments: 7</b> source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif	
<b>RECEIPT INFORMATION</b>	
<b>EPAS ID:</b>	PAT2270746
<b>Receipt Date:</b>	02/13/2013
<b>Fee Amount:</b>	\$40

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