

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3630233

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KENNETH F. SCHOENING	04/02/2013
WILLIAM J. GREAVES	04/02/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	A-1 PACKAGING SOLUTIONS, INC.
<b>Street Address:</b>	3103 PENDLETON COURT
<b>City:</b>	ST. CHARLES
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60175
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14950192
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)474-0448
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<b>Correspondent Name:</b>	MARSHALL, GERSTEIN & BORUN LLP
<b>Address Line 1:</b>	233 SOUTH WACKER DRIVE
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<b>ATTORNEY DOCKET NUMBER:</b>	31440/46751B
<b>NAME OF SUBMITTER:</b>	SHAWN M. BUCHANAN
<b>SIGNATURE:</b>	/Shawn M. Buchanan, Reg. No. 65,064/
<b>DATE SIGNED:</b>	11/24/2015
<b>Total Attachments: 4</b>	
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ASSIGNMENT

Serial No: 14/190,453

Filed: February 26, 2014

Title: A RADIO FREQUENCY IDENTIFICATION SYSTEM FOR TRACKING AND MANAGING MATERIALS IN A MANUFACTURING PROCESS

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, each of the undersigned hereby assigns to A-1 PACKAGING SOLUTIONS, INC., 3103 Pendleton Court, St. Charles, Illinois 60175 and its successors and assigns ("Assignee") the entire right, title and interest in and to the inventions of such undersigned disclosed in the application listed above and the following patent applications:

<u>Application No.</u>	<u>Filing Date</u>	<u>Country</u>	<u>Title</u>
PCT/US13/29408	03/06/2013	PCT	A Radio Frequency Identification System for Tracking and Managing Materials in a Manufacturing Process
61/607,406	03/06/2012	US	Automation Project
61/708,518	10/01/2012	US	A Radio Frequency Identification System for Tracking and Managing Material Flow in a Manufacturing Process

and in any and all other applications anywhere in the world which the undersigned may file and/or be named as an inventor of, solely or jointly, on said inventions, in any and all patents which may be obtained on any of said applications and in any and all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates and/or extensions thereof, including without limitation, the right to bring suit and to claim and retain all damages and/or seek other remedies for the past, present and future infringement of any of the foregoing, the right of priority, including without limitation to claim priority benefit of or to said patent applications, and request the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of the Assignee.

Each of the undersigned authorizes the attorneys of record in the application listed above to insert in this assignment the filing date and application number of the application listed above when officially known.

Each of the undersigned states that the application listed above is or was made or authorized to be made by him or her. Each of the undersigned believes himself or herself to be the original inventor or a joint inventor with another undersigned of a claimed invention in the application listed above. Each of the undersigned acknowledges that any willful false statement made by him or her in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both.

The undersigned hereby request that the interest herein assigned be considered effective as of the earliest above-listed filing date of March 6, 2012.

MARSHALL, GERSTEIN & BORUN LLP, 233 S. Wacker Drive, 6300 Willis Tower, Chicago, Illinois 60606-6357

Except in favor of Assignee, each of the undersigned warrants that: (i) he or she is the owner of all its rights, titles and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (ii) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, titles and interests herein assigned.

Upon the request of Assignee and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said inventions, including without limitation for the reissue, reexamination, supplementary protection certificate or extension thereof and any oath, declaration or affidavit relating thereto that said Assignee may deem necessary or expedient, and to cooperate to the best of the ability of the undersigned with and perform any and all affirmative acts requested by Assignee to prepare, file, prosecute, maintain, defend, enforce and vest in Assignee the rights, titles and interests assigned herein, including without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, titles and interests will be held and enjoyed by said Assignee to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

On behalf of Assignee,

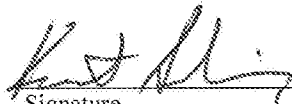
Kenneth Schoening

Name

President

Title

hereby confirms Assignee's acceptance of all rights, privileges, titles and interests conveyed by this assignment.

  
Signature

April 2, 2013  
Date

WITNESS our hands this 2nd day of April, 2013.

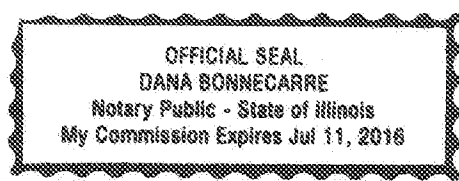
State of Illinois  
County of Cook

Kenneth F. Schoening  
Kenneth F. Schoening

On this 2nd day of April, 2013, before me, Notary Public in and for the County and State aforesaid, Kenneth F. Schoening appeared known to me personally or proved to me on the basis of satisfactory evidence to be the same person whose name is subscribed to the foregoing instrument and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires: July 11, 2016 Dana Bonnetcarre  
Notary Public



WITNESS our hands this 2nd day of April, 2013.

State of Illinois  
County of Cook

[Signature]  
\_\_\_\_\_  
William J. Greaves

On this 2nd day of April, 2013, before me, Notary Public in and for the County and State aforesaid, William J. Greaves appeared known to me personally or proved to me on the basis of satisfactory evidence to be the same person whose name is subscribed to the foregoing instrument and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires: July 11, 2016 Dana Bonnicarre  
Notary Public

