

<b>PATENT ASSIGNMENT COVER SHEET</b>
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 Stylesheet Version v1.2

EPAS ID: PAT4010817

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSEPH H. BOGGS	12/19/2012
PAUL J. DONNELLY	12/20/2012
ARTHUR FORKOS	12/19/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PEPSICO, INC.
<b>Street Address:</b>	700 ANDERSON HILL ROAD
<b>City:</b>	PURCHASE
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10577
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14822352
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)371-2540
<i>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.</i>	
<b>Phone:</b>	202-371-2600
<b>Email:</b>	dofori@skgf.com, SMERRILL@skgf.com, TTOPSSecretary3@skgf.com
<b>Correspondent Name:</b>	STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C.
<b>Address Line 1:</b>	1100 NEW YORK AVENUE, N.W.
<b>Address Line 4:</b>	WASHINGTON, D.C. 20005
<b>ATTORNEY DOCKET NUMBER:</b>	3711.7560001
<b>NAME OF SUBMITTER:</b>	STEPHEN A. MERRILL, REG. NO. 72,955
<b>SIGNATURE:</b>	/Stephen A. Merrill, Reg. No. 72,955/
<b>DATE SIGNED:</b>	08/17/2016
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

WHEREAS, we, Joseph H. Boggs, Paul J. Donnelly and Arthur Forkos (ASSIGNORS), are inventors of certain inventions and improvements described in the following U.S. patent applications:

### CARTRIDGE FOR A DISPENSING SYSTEM

which application was filed on 2-4-2013, and assigned U.S. Application No. 131758, 001:

WHEREAS,

PEPSICO, INC.  
700 Anderson Hill Road  
Purchase, NY 10577

(ASSIGNEE) desires to acquire our entire right, title and interest in and to the said applications, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

We hereby assign, to the above named ASSIGNEE, its successors, assigns and legal representatives (NOMINEES) our entire right, title and interest in and to said applications, inventions and improvements throughout the world and to any and all patents, petty patents and utility model patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

And we covenant that we have full right to convey the entire right, title and interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith;

And we further covenant and agree that we will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said applications, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and we agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting said applications, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said applications, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And we authorize the ASSIGNEE or its NOMINEES to file in our name or their own, as appropriate, applications for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said applications, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant the attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent applications to which this assignment pertains.

12/19/12  
Date:

[Signature]  
Joseph H. Boggs

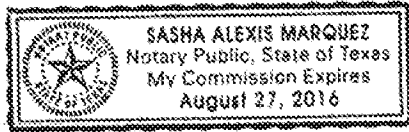
State of Texas }  
County of BELT } ss:

Joseph H. Boggs, personally known to me to be the person whose name is subscribed to this document, personally appeared before me and acknowledged to me that he executed this document.

12/19/12  
Date

Sasha Alexis Marquez  
Notary Public

My Commission Expires: Aug. 27, 2016



\_\_\_\_\_  
Date:

\_\_\_\_\_  
Paul J. Donnelly

State of \_\_\_\_\_ }  
County of \_\_\_\_\_ } ss:

Paul J. Donnelly, personally known to me to be the person whose name is subscribed to this document, personally appeared before me and acknowledged to me that he executed this document.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Notary Public

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

LAW OFFICES  
BANNER & WITCOFF, LTD.  
10 South Wacker Drive  
Chicago, IL 60606-7407  
312-463-5000

And we hereby grant the attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent applications to which this assignment pertains.

\_\_\_\_\_  
Date:

\_\_\_\_\_  
Joseph H. Boggs

State of \_\_\_\_\_ }  
County of \_\_\_\_\_ } ss:

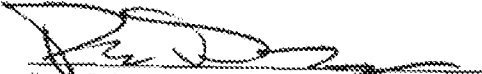
Joseph H. Boggs, personally known to me to be the person whose name is subscribed to this document, personally appeared before me and acknowledged to me that he executed this document.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Notary Public

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

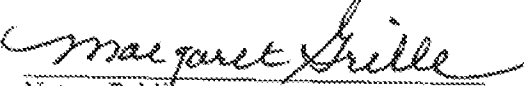
12/20/2012  
Date:

  
Paul J. Donnelly

State of Connecticut }  
County of Fairfield } ss: New Fairfield

Paul J. Donnelly, personally known to me to be the person whose name is subscribed to this document, personally appeared before me and acknowledged to me that he executed this document.

December 20, 2012  
Date

  
Notary Public  
My Commission Expires: 10/31/2013  
**MARGARET GRILLE**  
**NOTARY PUBLIC**  
**MY COMMISSION EXPIRES OCT. 31, 2013**

LAW OFFICES  
BANNER & WITCOFF, LTD.  
10 South Wacker Drive  
Chicago, IL 60606-7407  
312-463-5000

12-19-2012  
Date:

Arthur Forkos  
Arthur Forkos

State of New York }  
County of Westchester } ss:

Arthur Forkos, personally known to me to be the person whose name is subscribed to this document, personally appeared before me and acknowledged to me that he executed this document.

12-19-12  
Date

Deborah Mill  
Notary Public  
My Commission Expires: 4-24-14

DEBORAH MILL  
NOTARY PUBLIC - STATE OF NEW YORK  
NO. 0188614685  
QUALIFIED IN DUTCHESS COUNTY  
MY COMMISSION EXPIRES APRIL 24, 2014

LAW OFFICES  
BANNER & WITCOFF, LTD.  
10 South Wacker Drive  
Chicago, IL 60606-7407  
312-463-5000