503168006 02/05/2015

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------|----------------|
| EMAD JAFA | 01/09/2015 |

RECEIVING PARTY DATA

| Name: | PEPSICO, INC. |
|-----------------|------------------------|
| Street Address: | 700 ANDERSON HILL ROAD |
| City: | PURCHASE |
| State/Country: | NEW YORK |
| Postal Code: | 10577 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14597718 |

CORRESPONDENCE DATA

Fax Number: (312)463-5001

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.

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Email: Igarcia@bannerwitcoff.com, bwptopat@bannerwitcoff.com

Correspondent Name: BANNER & WITCOFF, LTD.

Address Line 1: TEN SOUTH WACKER DRIVE

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Address Line 4: CHICAGO, ILLINOIS 60606

| ATTORNEY DOCKET NUMBER: | 006943.06528 | |
|-------------------------|----------------------|--|
| NAME OF SUBMITTER: | W GARLAND PHILLIPS | |
| SIGNATURE: | /W Garland Phillips/ | |
| DATE SIGNED: | 02/05/2015 | |

Total Attachments: 2

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PATENT 503168006 REEL: 034900 FRAME: 0528

ASSIGNMENT

WHEREAS, I, Emad Jafa, (ASSIGNOR), am an inventor of certain inventions and improvements described in the following U.S. patent applications:

BEVERAGE COOLING

which application was filed on January 15, 2015, and assigned Application No. 14/597,718; and

WHEREAS,

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

(ASSIGNEE) desires to acquire my 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,

I hereby assign, to the above named ASSIGNEE, its successors, assigns and legal representatives (NOMINEES) my 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 I covenant that I have full right to convey the entire right, title and interest herein assigned, and that I have not executed and will not execute any agreement or do anything in conflict herewith;

And I further covenant and agree that I 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 I 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 I authorize the ASSIGNEE or its NOMINEES to file in my name or their own, as appropriate, applications for LETTERS PATENT in any and all countries of the world, and I 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;

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| | Emad Jafa |
|--|--|
| State of New York, State of New York, State of New York, Sec. | |
| Emad Jafa, personally known to me personally appeared before me and acknowle | to be the person whose name is subscribed to this document, dged to me that he executed this document. Signature Signatur |
| | Lisa Piccininni Notary Public. State of New York Registration #01 Pi4865253 Qualified in Wastchester County My Commission Expires June 30, 20 11 |

. And I 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.

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

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