503897776 06/30/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3944427

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| GEOFFRY A. WESTPHAL | 06/17/2016 |
| JERRY SHIM | 06/15/2016 |
| KELSEY HEFFREN | 06/15/2016 |

RECEIVING PARTY DATA

| Name: | W.W. GRAINGER, INC. |
|-----------------|----------------------|
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| City: | LAKE FOREST |
| State/Country: | ILLINOIS |
| Postal Code: | 60045-5201 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15183255 |

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| ATTORNEY DOCKET NUMBER: | 31083.44US3 |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | GARY R. JAROSIK |
| SIGNATURE: | /Gary R. Jarosik/ |
| DATE SIGNED: | 06/30/2016 |

Total Attachments: 4

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PATENT REEL: 039059 FRAME: 0151 503897776

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PATENT REEL: 039059 FRAME: 0152

PATENT ASSIGNMENT AND DECLARATION

WHEREAS, we, **Geoffry A. Westphal** of 1720 Maple Avenue, Apt. 2670, Evanston, Illinois 60201; **Jerry Shim** of 2117 W. Glenview Avenue, Park Ridge, Illinois 60068; and **Kelsey Heffren** of 340 W. Superior, Chicago, Illinois 60654, have invented a certain new and useful invention entitled **SYSTEM AND METHOD FOR PROVIDING ACCESS TO PRODUCT INFORMATION AND RELATED FUNCTIONALITIES for which a patent application has been prepared for filing with the United States Patent & Trademark Office, which has been assigned application number 15/183,255**.

I. ASSIGNMENT

NOW THEREFORE, be it known that for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, we, hereby sell and assign to W.W. GRAINGER, INC. ("Assignee"), an Illinois corporation, having its principal place of business at 100 Grainger Parkway, Lake Forest, Illinois 60045-5201, its successors, assigns, nominees, or other legal representatives, the entire right, title, and interest in and to the invention invented by us, and the application for United States patent therefor, the declaration, and all original and reissued patents granted therefor, and all divisions and continuations thereof, including the subject-matter of any and all claims which may be obtained in every such patent, and the right to apply for and obtain patents and Utility Model Registrations which may be granted thereon in such foreign countries, and authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any other country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue said Letters Patent or Utility Model Registration to the said Assignee, its successor, assigns, nominees, or other legal representatives, as assignee of the entire interest herein assigned. We covenant that we have not executed and will not execute any agreement in conflict herewith and agree that we will communicate to said Assignee, its successors, assigns, nominees, or other legal representatives, all facts known to us respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do all lawful acts requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when said Assignee, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, we will, upon request, sign all lawful papers requisite for the filing of such disclaimer. We further covenant and agree that we will, at any time upon request, do everything legally possible to aid said Assignee, its successors, assignees, nominees, or other legal representatives, either in its or their own names, to apply for, obtain, and enforce proper patent and/or Utility Model protection for said invention in all countries, all without further consideration but at the expense of said Assignee, its successors, assigns, nominees, or other legal representatives.

ASSIGNOR hereby grants to the law firm of GREENBERG TRAURIG, LLP of Chicago, Illinois, authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent Office or the Patent Office of any foreign country.

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County of

Notary Public

WITNESS my hand and official seal.

II. DECLARATION Inventor 1 As the below named inventor, I hereby declare that: This declaration is directed to: ____ the attached application, or X United States application or PCT international application number 15/183,255 filed on June 15, 2016. The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. I hereby state that I have reviewed and understand the contents of the aboveidentified application, including the claims; and I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application. IN TESTIMONY WHEREOF, I have hereunto set my hand this 13 day of State of Illinois

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Subscribed and sworn to (or affirmed) before me on this _____ day of ______. 2016, by _C A. Westphal_ proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

| Inventor 2 |
|---|
| As the below named inventor, I hereby declare that: |
| This declaration is directed to: |
| the attached application, or |
| X United States application or PCT international application number |
| 15/183,2 55 filed on June 15, 2 016. |
| The above-identified application was made or authorized to be made by me. |
| I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. |
| I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. |
| I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims; and I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application. |
| IN TESTIMONY WHEREOF, I have hereunto set my hand this |
| State of Illinois |
| County of |
| Subscribed and sworn to (or affirmed) before me on this day of, 2016, by _Jerry Shim_ proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me. |
| WITNESS my hand and official seal. |
| |
| Notary Public |

| Inventor 3 |
|---|
| As the below named inventor, I hereby declare that: |
| This declaration is directed to: |
| the attached application, or |
| X United States application or PCT international application number |
| 15/183,255 filed on June 15, 2016. |
| The above-identified application was made or authorized to be made by me. |
| I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. |
| I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. |
| I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims; and I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application. |
| IN TESTIMONY WHEREOF, I have hereunto set my hand this 15 day of, 2016. |
| Kelsey Heffren (signature) |
| State of Illinois |
| County of |
| Subscribed and sworn to (or affirmed) before me on this day of, 2016, by _Kelsey Heffren_ proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me. |
| WITNESS my hand and official seal. |
| |
| Notary Public |
| CHI 67145806v1 |

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