

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GEOFFRY A. WESTPHAL	11/15/2018
ERWIN CRUZ	11/14/2018
SVETLANA KHARLAMOVA	11/14/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	W.W. GRAINGER, INC.
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<b>City:</b>	LAKE FOREST
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60045
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16134630
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<b>ATTORNEY DOCKET NUMBER:</b>	059505.072100
<b>NAME OF SUBMITTER:</b>	SAMUEL C. MEANS
<b>SIGNATURE:</b>	/Samuel C. Means/
<b>DATE SIGNED:</b>	11/21/2018
<b>Total Attachments: 4</b>	
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source=Assign92US2#page3.tif	



PATENT ASSIGNMENT AND DECLARATION

WHEREAS, we, **Geoffry A. Westphal** of 1720 Maple Avenue, Apt. 2770, Evanston, Illinois 60201; **Erwin Cruz** of 5852 Betty Gloyd Drive, Hoffman Estates, Illinois 60192; and **Svetlana Kharlamova** of 100 Grainger Parkway, Lake Forest, Illinois 60045-5201; have invented a certain new and useful invention entitled **CROWD SOURCED REAL-TIME SEARCH ENGINE FILTERS AND USER INTERFACES**, for which a patent application has been prepared for filing with the United States Patent & Trademark Office, which has been assigned application number **16/134,630**.

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, assigns, 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.

## 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

**16/134,630** filed on **September 18, 2018**.

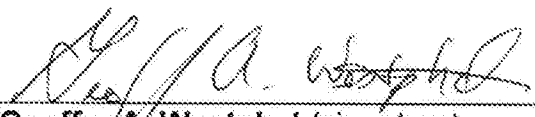
The above-identified application was made or authorized to be made by me.

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 NOVEMBER, 2018.

  
Geoffrey A. Westphal (signature)

State of Illinois

County of COOK

Subscribed and sworn to (or affirmed) before me on this \_\_\_\_\_ day of \_\_\_\_\_, 2018, by Geoffrey A. Westphal, 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

## II. DECLARATION

### 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

**16/134,630** filed on **September 18, 2018**.

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 14 day of NOVEMBER, 2018.

  
Erwin Cruz (signature)

State of Illinois

County of COOK

Subscribed and sworn to (or affirmed) before me on this \_\_\_\_\_ day of \_\_\_\_\_, 2018, by Erwin Cruz, 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

## II. DECLARATION

### **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

**16/134,630** filed on **September 18, 2018**.


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 14 day of November, 2018.

  
Svetlana Kharlamova (signature)

State of Illinois

County of Lake

Subscribed and sworn to (or affirmed) before me on this \_\_\_\_\_ day of \_\_\_\_\_, 2018, by Svetlana Kharlamova 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 69701139v1