PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6502178

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CLAUDIU COLTEU	01/14/2021
FOUAD BOUSETOUANE	01/14/2021
NIRAV SARAIYA	01/15/2021
WILLIAM GILLESPIE	01/14/2021

RECEIVING PARTY DATA

Name:	W.W. GRAINGER, INC.	
Street Address:	100 GRAINGER PARKWAY	
City:	LAKE FOREST	
State/Country:	ILLINOIS	
Postal Code:	60045	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17148725

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 312.456.8400

Email: chiipmail@gtlaw.com

Correspondent Name: GREENBERG TRAURIG, LLP

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Address Line 2: **SUITE 3100**

Address Line 4: CHICAGO, ILLINOIS 60601

ATTORNEY DOCKET NUMBER:	31083.900US1	
NAME OF SUBMITTER:	GARY R. JAROSIK	
SIGNATURE:	/Gary R. Jarosik/	
DATE SIGNED:	01/19/2021	

Total Attachments: 5

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> **PATENT** REEL: 054950 FRAME: 0562 506455407

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PATENT REEL: 054950 FRAME: 0563

PATENT ASSIGNMENT AND DECLARATION

WHEREAS, we, Claudiu Colteu of 1245 N. Dearborn Street, Chicago, Illinois 60610; Fouad Bousetouane of 701 Keystone LN, Vernon Hills, Illinois 60061; Nirav Saraiya of 5908 Timber Trails Blvd., Western Springs, Illinois 60558; and William Gillespie of 29402 North Victoria Lane, Libertyville, Illinois 60048; have invented a certain new and useful invention entitled SYSTEM AND METHOD FOR PROVIDING TAP-LESS, REAL-TIME VISUAL SEARCH, for which a patent application has been prepared for filing with the United States Patent & Trademark Office, which has been assigned application number 17/148,725.

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, designs 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, Design, 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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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
17/148,725 filed on January 14, 2021.
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 day of, 2021.

Clandin Colten

Claudiu Colteu (signature)

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
17/148,725 filed on January 14, 2021 .
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 day of, 2021.

feuad beusetenane.....

Fouad Bousetouane (signature)

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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
17/148,725 filed on January 14, 2021 .
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 day of , 2021.

Nirav Sarajya

Nirav Saraiya (signature)

RECORDED: 01/19/2021

II. DECLARATION

Inventor 4
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
17/148,725 filed on January 14, 2021.
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 day of, 2021.

william gillespie

William Gillespie (signature)

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