

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6690647

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ALI AHMADVAND	05/04/2021
RECEIVING PARTY DATA		
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Postal Code:	30339	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	17070518
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<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>		
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ATTORNEY DOCKET NUMBER:	072031.218US2	
NAME OF SUBMITTER:	JONATHAN GIROUX	
SIGNATURE:	/Jonathan Giroux/	
DATE SIGNED:	05/04/2021	
Total Attachments: 3		
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PATENT ASSIGNMENT

WHEREAS, I/We, **Ali Ahmadvand** c/o 2455 Paces Ferry Road, Atlanta, GA 30339; **Surya Kallumadi** c/o 2455 Paces Ferry Road, Atlanta, GA 30339; and **Faizan Javed** c/o 2455 Paces Ferry Road, Atlanta, GA 30339, (collectively, "Assignor"), have invented a certain new and useful invention entitled **SEARCH ENGINE USING JOINT LEARNING FOR MULTI-LABEL CLASSIFICATION** for which a patent application has been prepared for filing with the United States Patent & Trademark Office, which has been assigned application number **17/070,518**.

NOW THEREFORE, be it known that for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I/We hereby sell and assign to **HOME DEPOT PRODUCT AUTHORITY, LLC**, a Georgia limited liability company, having its principal place of business at 2455 Paces Ferry Road Northeast, Atlanta, GA, 30339 ("**HDP**A"), its successors, assigns, nominees, or other legal representatives, the entire right, title, and interest, in the United States, in and to the invention invented by me, and the application for United States patent therefor, the declaration, and all original and reissued patents granted therefor, and all divisions, continuations and continuations-in-part thereof in the United States, 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 corresponding patent which may be granted thereon in the United States, and authorize and request the Commissioner of Patents and Trademarks of the United States, to issue said letters patent to **HDP**A, its successor, assigns, nominees, or other legal representatives, as assignee of the entire interest in the United States herein assigned.

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I/We hereby further sell and assign to **HOME DEPOT INTERNATIONAL, INC.**, a Delaware corporation, having its principal place of business at 2455 Paces Ferry Road Northeast, Atlanta, GA, 30339 ("**HD Int.**," and collectively with **HDP**A, "Assignees"), its successors, assigns, nominees, or other legal representatives, the entire right, title, and interest, outside the United States, in and to the invention invented by me, and any and all applications for patent, design and/or utility model therefor outside of the United States, the declarations, and all original and reissued patents granted therefor, and all divisions, continuations and continuations-in-part thereof outside the United States, including the subject-matter of any and all claims which may be obtained in every such patent, design and utility model, and the right to apply for and obtain corresponding patent which may be granted thereon outside the United States, as well as the sole and exclusive right to claim priority to any United States patent application therefor in connections with applications filed now or in the future outside of the United States, and authorize and request any official of any other country or countries foreign to the United States whose duty it is to issue patents, designs and/or utility models on applications as aforesaid, to issue said letters patent to **HD Int.**, its successor, assigns, nominees, or other legal representatives, as assignee of the entire interest outside the United States herein assigned.

I/We covenant that I/We have not executed and will not execute any agreement in conflict herewith and agree that I/We will communicate to Assignees, their successors, assigns, nominees, or other legal representatives, all facts known to me 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

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072031.066500-218US2

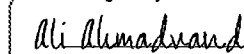
requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when any of said Assignees, their successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, I/We will, upon request, sign all lawful papers requisite for the filing of such disclaimer. I/We further covenant and agree that I/We will, at any time upon request, do everything legally possible to aid said Assignees, their successors, assignees, nominees, or other legal representatives to apply for, obtain, and enforce proper patent and/or utility model or design protection for said invention in all countries, all without further consideration but at the expense of said Assignees, their successors, assigns, nominees, or other legal representatives.

Assignor and Assignees hereby grant to the law firm of GREENBERG TRAURIG, LLP, 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 5/4/2021 day of

_____, 2021.

DocuSigned by:



D829A941AF2F40B. **Ali Ahmadvand** (signature)

NOTARIAL CERTIFICATE

State of: _____)
) SS.
 County of: _____)

Subscribed and sworn to (or affirmed) before me on this _____ day of _____, 2021,

by _____ proved to me on the basis of satisfactory evidence to be the person
 who appeared before me.

WITNESS my hand and official seal.

 Notary Public

U.S. Appl. No. 17/070,518
072031.066500-218US2

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2021.

Surya Kallumadi (signature)

NOTARIAL CERTIFICATE

State of: _____)
County of: _____) SS.

Subscribed and sworn to (or affirmed) before me on this _____ day of _____, 2021,
by _____ proved to me on the basis of satisfactory evidence to be the person
who appeared before me.

WITNESS my hand and official seal.

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2021.

Faizan Javed (signature)

NOTARIAL CERTIFICATE

State of: _____)
County of: _____) SS.

Subscribed and sworn to (or affirmed) before me on this _____ day of _____, 2021,
by _____ proved to me on the basis of satisfactory evidence to be the person
who appeared before me.

WITNESS my hand and official seal.

Notary Public