PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5382548

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM L. AVERY JR.	02/18/2019
JAMES R. GRANT	02/18/2019
ANDREW J. NOVETNY	02/18/2019
NATASHA D. TOMASIK	02/18/2019

RECEIVING PARTY DATA

Name:	DIRECT SUPPLY, INC.
Street Address:	6767 NORTH INDUSTRIAL ROAD
City:	MILWAUKEE
State/Country:	WISCONSIN
Postal Code:	53223

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16279690

CORRESPONDENCE DATA

Fax Number: (414)271-3552

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.

Phone: 414-277-5000

Email: melanie.brunow@quarles.com

QUARLES & BRADY LLP ATTN: IP DOCKET **Correspondent Name:**

411 E. WISCONSIN AVENUE Address Line 1:

Address Line 2: **SUITE 2350**

Address Line 4: MILWAUKEE, WISCONSIN 53202-4426

ATTORNEY DOCKET NUMBER:	159999.00005
NAME OF SUBMITTER:	MELANIE A. BRUNOW
SIGNATURE:	/melanie a brunow/
DATE SIGNED:	02/19/2019

Total Attachments: 3

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ASSIGNMENT

West
WHEREAS, we, William L. Avery, Jr. of Chicago, Illinois, James R. Grant of Menomonee Falls, Wisconsin, Andrew J. Novotny of Whitefish Bay, Wisconsin, and Natasha D. Tomasik of Milwaukee, Wisconsin, have made certain inventions which are described in an application for Letters Patent of the United States entitled Systems, Methods, and Media for Harmonizing Procurement Across Distribution Networks With Heterogeneous Product Availability executed by us preparatory to obtaining United States Letters Patent therefor, and

WHEREAS, **Direct Supply, Inc.**, a Wisconsin corporation having a place of business at 6767 North Industrial Road, Milwaukee, Wisconsin 53223, (hereinafter called "Company"), is desirous of acquiring the entire interest in said inventions throughout the United States of America and the territories thereof and for all foreign countries,

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, receipt whereof is hereby acknowledged, we hereby sell, assign and transfer unto said Company, its successors and assigns, the entire right, title and interest throughout the United States of America and the territories thereof and for all foreign countries, in and to said inventions, the aforesaid application, and all other applications hereafter filed in the United States or any other country based in whole or in part on said inventions, and all Letters Patent granted upon said applications by the United States or any other country, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Company. We further grant to said Company, its successors and assigns, the right to claim for any of said applications the full benefits and priority rights of any international agreement between the United States and any foreign country or countries.

We hereby warrant that we have the full right to make the conveyance herein, and we hereby covenant that we, our heirs, legal representatives and assigns, will, when requested, communicate to said Company, its representatives, successors and assigns, all facts known respecting said inventions, execute all divisional, continuing, reissue, reexamination and foreign applications together with individual assignments therefore, make all rightful oaths, sign all lawful papers, testify in any legal proceeding and generally do everything possible to aid said Company, its successors and assigns, in the obtaining of Letters Patent.

IN TESTIMONY WHEREOF, we have hereunto set our hands at the location and on the date indicated below our signatures.

WITNESSES:	William L. Avery, Jr.
Norther Cond	Date: 2/18/2013
STATE OF WISCONSIN)	
COUNTY OF MIMMUREE) ss.	Www. 2019, came William L. Avery, Jr. to me
known to be the person named in the forer	poing Assignment and acknowledged the execution thereof
to be his free act and deed.	
(SEAL)	Notary Public, State of Wisconsin
	My Commission: IS permanent

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	-/1 MQ 1
WITNESSES:	Charles (to the contract)
	James R. Grant
	Date: <u>2 - /8 - 20/9</u>
Jet/1	
STATE OF WISCONSIN)	
) ss.	
COUNTY OF MILWAUKEE)	
Before me on this William day of Lew	MANA, 2019, came James R. Grant, to me
known to be the person named in the foregoing a to be his free act and deed.	Assignment and acknowledged the execution thereof
(SEAL)	Mulha
	Notary Public, State of Wisconsin Anner B. Dwn
	My Commission: in permanent
WITNESSES	Andrew J. Novotny
7///	2/10/10
	Date: 2/18/11
174/1	
STATE OF WISCONSIN)	
) ss.	
COUNTY OF MILWAUKEE)	
Before me on this A day of HOW	(au), 2019, came Andrew J. Novotny, to me
to be his free act and deed.	Assignment and acknowledged the execution thereof
(SEAL)	MARCHEL - CON.
	Notary Public, State of Wisconsin AMIC F. B. DWA
	C. A. Canaa, A
and the second of the second o	My Commission: (2) females

WITNESSES: Jaullian Stanto Allian Shrieto	Matasha D. Tomasik Date: 2/18/2019
STATE OF WISCONSIN)	
COUNTY OF MILWAUKEE) ss.	
Before me on this 15th day of Five known to be the person named in the foregoing As to be her free act and deed.	2019, came Natasha D. Tomasik , to me ssignment and acknowledged the execution thereof
(SEAL)	Notary Public, State of Wisconsin
	My Commission: 15 Remanded