504218393 02/08/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4265070

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRIAN PUGH	12/02/2015
ELMER L. ROBINSON JR.	12/03/2015
K. MICHAEL ROSS	12/02/2015
DAVID SCOTT PALLAS	12/02/2015

RECEIVING PARTY DATA

Name:	MEIJER, INC.
Street Address:	2929 WALKER AVENUE, N.W.
City:	GRAND RAPIDS
State/Country:	MICHIGAN
Postal Code:	49544

PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	14965796			

CORRESPONDENCE DATA

Fax Number: (616)742-3999

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: 616-742-3934

Email: mbernth@btlaw.com

Correspondent Name: BARNES & THORNBURG LLP

Address Line 1: 171 MONROE AVENUE, N.W., SUITE 1000

Address Line 4: GRAND RAPIDS, MICHIGAN 49503

ATTORNEY DOCKET NUMBER:	46477-242775
NAME OF SUBMITTER:	JEFFREY A. MICHAEL
SIGNATURE:	/Jeffrey A. Michael/
DATE SIGNED:	02/08/2017

Total Attachments: 5

source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif

PATENT 504218393 REEL: 041202 FRAME: 0212

source=Assignment#page4.tif
source=Assignment#page5.tif

PATENT REEL: 041202 FRAME: 0213

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged,	
Brian Pugh	
Elmer L., Robinson, Jr.	
K. Michael Ross	
David Scott Pallas	
maker(s) of an invention which is the subject of a United States Non-Provisional Utility Application identified by Application No. 14/965,796 and filing date December 10, 2015; (Barnes & Thornburg L Avenue N.W., Grand Rapids, Michigan 49503-2694 is authorized to insert the filing date and application number application when known); entitled: SYSTEM AND METHOD FOR NOTIFYING CUSTOMERS OF CHECKOUT QUEUE ACTIVITY	LP, 171 Monroe
(hereinafter the "Application(s)") hereby sell(s), assign(s), and set(s) over to:	
Meijer, Inc.	
2929 Walker Avenue, N.W.	
Grand Rapids, MI 49544	
a limited liability company/corporation organized under the laws of Michigan	

(hereinafter the "Assignee") their entire right, title and interest in, to and under the Application(s) throughout the world, including all priority rights for the United States and other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and any counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and also to execute separate assignments in connection with such Applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Application(s), U.S. national counterparts thereof, or continuation(s), division(s), reissue(s), reexamination(s) thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting or following from said Application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

	HEREOF, I have execut	ted this assignment this 2 day of Dec - 42 er . 30 1 5
Inventor y Signapuro		
Brian Pugh Printed Name		
ranged rang		
		ACKNOWLEDGMENT
STATE OF	*	·SS:
COUNTY OF	\$	
SALCE	a Notary Public, within	n and for said County and State. Witness my hand and Notarial Seal this
Molary Public Americ	-Tours	
Printed Name My Commission Expires	11. 12.11	Resident of KEN+ COWHAP, MIT

LISA AMEND-TOMAS
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF KENT
My Commission Expires (An. 16, 2022
Acting in the County of (KEA)

IN WITNESS V	WHEREOF, I have exe	cuted this assignm	nent this 5	day of Dec	ember, 2015	
Elmen L.	Rebenson,	A.			, 20	
Inventor's Signature		7				
Elmer L. Robinson, Jr. Printed Name	· AAAAAAAAAA	- Control of the Cont				
		ACKNOWI	EDGMENT			
STATE OF	}					
COUNTY OF) }	SS:				
Acknowledged before me day ofday of	e, a Notary Public, with	hin and for said C	ounty and State.	. Witness my ha	nd and Notarial Seal this	
Wolfry Public	NOTIFICATION OF THE PROPERTY O					
Lisa Aneuò	-Tow					
Printed Name	1/16/22		12.11	O I	t frame	
My Commission Expires:	: 111619099	Resident of	<u>healt!</u>	<u>antp</u>	ML	

LISA AMEND-TOMAS
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF KENT
My Commission Expires Jan. 16, 2022
Acting in the County of Kent



IN WITNESS WHEREOF, I have execute	d this assignment this 2 day of December 20 15
Inventor's Signature	······································
K. Michael Ross Printed Name	·
	ACKNOWLEDGMENT
STATE OF COUNTY OF	\$\$;:
Acknowledged before me, a Notary Public, within a	nd for said County and State. Witness my hand and Notarial Seal this
Ligh Auero-Tours Printed Name My Commission Expires: 1/16/2000	Resident of KEN+ Conty, UI

LISA AMEND-TOMAS NOTARY PUBLIC - STATE OF MICHIGAN COUNTY OF KENT My Commission Expires 1911, 16, 2022 Acting in the County of 12-01

	IN WITNESS WH	EREOF, I have execut	ed this assignmen	it this ZNO day o	i Decamber	. <u>20. (S</u> .
	Dr. Jan Dr	Manage of the second				
	Inventor's Signature		-ii -			
	David Scott Pallas		·			
	Printed Name					
			ACKNOWLE	DGMENT		
	STATEOF	3				
	COUNTY OF	1	\$\$:			
	Acknowledged before me, a	Notary Public, within	and for said Com	ity and State. With	ess my hand and No	tarial Seal this
(YAZA		manjum.			
	Lisa Avend-Ti	- Onas				
	Printed Name My Commission Expires:	16/1009	Resident of	Kent Can	LP, UT	
	Phase (Care)	,			3	

LISA AMEND-TOMAS
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF KENT
My Commission Expires (30. 15, 2022
Acting in the County of

PATENT REEL: 041202 FRAME: 0218

RECORDED: 02/08/2017