505893843 01/31/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARCO PERRELLA	11/11/2019
IAACOV COBY SEGALL	12/09/2019
JORDAN K. VARLEY	11/08/2019
MICHAEL RAMPUTI	11/25/2019
RON MERCER	11/21/2019
ROBERT E. BEACH	11/07/2019
ADRIAN J. STAGG	11/08/2019

RECEIVING PARTY DATA

Name:	SYMBOL TECHNOLOGIES, LLC
Street Address:	1 ZEBRA PLAZA
City:	HOLTSVILLE
State/Country:	NEW YORK
Postal Code:	11742

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16610046

CORRESPONDENCE DATA

Fax Number:

505893843

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: 8476346700

Email: Docketing@zebra.com

Correspondent Name: SYMBOL TECHNOLOGIES, LLC

Address Line 1: 1 ZEBRA PLAZA

Address Line 4: HOLTSVILLE, NEW YORK 11742

ATTORNEY DOCKET NUMBER:	151984US02
NAME OF SUBMITTER:	GEOLEN E. VERNON
SIGNATURE:	/Geolen E. Vernon/
DATE SIGNED:	01/31/2020

PATENT REEL: 051685 FRAME: 0488

Total Attachments: 9 source=151984US02-Assignment#page1.tif source=151984US02-Assignment#page2.tif source=151984US02-Assignment#page3.tif source=151984US02-Assignment#page4.tif source=151984US02-Assignment#page5.tif source=151984US02-Assignment#page6.tif source=151984US02-Assignment#page7.tif source=151984US02-Assignment#page8.tif source=151984US02-Assignment#page8.tif

PATENT REEL: 051685 FRAME: 0489

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold, assigned and transferred, and do hereby sells, assigns and transfers, unto **SYMBOL TECHNOLOGIES**, **LLC** ("Assignee"), a limited liability company of the State of Delaware, having its principal place of business at **1 Zebra Plaza**, **Holtsville**, **NY 11742**, and its successors and assigns, the entire right, title and interest for the United States of America and the Territories and Possessions thereof and all countries foreign to the United States of America in and to inventions relating to

"PRODUCT STATUS DETECTION SYSTEM"

as set 1	forth in an application for Letters Patent of the United States of America
	executed concurrently herewith,
	executed on,
	Application No. <u>16/610,046</u> ; filed <u>October 31, 2019</u> ,
\boxtimes	Application is a national stage of PCT Application No. PCT/US2018/030419, filed May
	1, 2018, entitled "Product Status Detection System," which claims priority to U.S.
	Provisional Application No. <u>62/492,670</u> , filed <u>May 1, 2017</u> , entitled "Product Status
	Detection System," hereinafter referred to as the "applications",

together with the entire right, title and interest in and to all divisionals, renewals, substitutes, continuations, non-provisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise.

The Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned, without charge to Assignee, but at its expense, will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

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Each undersigned inventor hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment, for example, application number and filing date.

This Assignment is deemed to be effective at least as early as the earliest priority date.

NOV. 11 / 19 Date	marco Win	ulla
Date	Marco Perrella	
Witness:	Witness:	
James Zee	ROSEMARY LEON	
(Typed Name)	(Typed Name)	
(Signature) Date: 11-Nov-2419	6	
(Signature)	(Signature)	
Date: 11-Nov-2419	Date://NOV 2019	
	,	
- OR -		
State of		
County of)		
I,, a Notary	Public for said County and State, do	hereby
certify that Marco Perrella personally appeared	d before me this day and acknowleds	ged the due
execution of the foregoing instrument.		
Witness my hand and official seal, this the	day of,	2019.
(Official Seal)		
(Onicial Scar)		
	Notary Public	***************************************
My commission expires	·	

Dec 9,2019	10/5	
Date	Iaacov Coby Segall	
Witness:	Witness:	
(Typed Name)	(Typed Name)	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
(Signature)	(Signature)	
Date:	Date:	
- OR -		
State of)		
County of		
I,, a Notaccertify that Iaacov Coby Segall personally apdue execution of the foregoing instrument.	ry Public for said County an opeared before me this day a	d State, do hereby nd acknowledged the
Witness my hand and official seal, this the	day of	, 2019.
(Official Seal)		
-	Notary Public	;
My commission expires		

11/8/19	
Date	Jordan K. Varley
Witness:	Witness:
(Typed Name)	Mohamad Seaidoun. (Typed Name)
(Signature)	(Signature) (Signature)
(Signature)	(Signature)
Date: Nov. 6, 2019	Date: Nov. 8th 2019
- OR -	
State of	
County of	
I,, a Notar certify that Jordan K. Varley personally appearement.	y Public for said County and State, do hereby eared before me this day and acknowledged the due
Witness my hand and official seal, this the	day of, 2019.
(Official Seal)	
_	Notary Public
My commission expires	

11/25/19	Meiland Rangent
Date	Michael Ramputi
	•
Witness:	Witness:
James Wilter	Scott Savoia
(Typed Name)	(Typed Name)
Witness: James Wille (Typed Name) (Signature)	Jon Dan
(Signature)	(Signature)
Date: 11/25/19	Date: 11 27 119
- OR -	OTARY PUSIC
State of New York	No. 01KN6289101.
County of Suffulk	A TEOF NEW COMPANY
I, Ethnic (kack, a Notary Pub certify that Michael Ramputi personally appeared	olic for said County and State, do hereby before me this day and acknowledged the due
execution of the foregoing instrument.	
Witness my hand and official seal, this the	day of NWolnsy, 2019.
(Official Seal)	L C. LL
	Notary Public
My commission expires	

Nov. 21, 2019 Date	RYMercer
Date	Ron Mercer
Witness: BHAVANI S. NANJUNDAIAH (Typed Name) BLOSN (Signature)	Witness: Alex Aizerbery (Typed Name)
(Signature)	(Signature)
Date: 21 - NOV - 2019	Date: 21- VOV - 2019
- OR -	
State of)	
County of)	
I,	Public for said County and State, do hereby Fore me this day and acknowledged the due
Witness my hand and official seal, this the	day of, 2019.
(Official Seal)	
	Notary Public
My commission expires	

11 /p/19	Robert	- E Deal
Date	Robert E. Beach	h
Witness: TCXC2CA DAMEY (Typed Name) (Signature)	Witness: (Typed Name) (Signature)	TRUDINGER
Date: 117/2019	Date:	11/15/2019
- OR -		<i>,</i>
State of) County of)		
I,, a Notaccertify that Robert E. Beach personally appeared execution of the foregoing instrument.	ry Public for said Count eared before me this day	y and State, do hereby and acknowledged the due
Witness my hand and official seal, this the	day of	, 2019.
(Official Seal)		
• • • • • • • • • • • • • • • • • • •	Notary Pı	ıblic
My commission expires		

Date November 2019	Adrian J. Stagg
Witness: DIMITAR POPOVSKI	Witness: Paul Heist (Typed Name)
(Typed Name)	Cal Asar
(Signature)	(Signature)
Date: Nov 8, 2019	Date: Nov 8, 2019
- OR -	
State of	
County of)	
I,, a Notar certify that Adrian J. Stagg personally appear execution of the foregoing instrument.	y Public for said County and State, do hereby red before me this day and acknowledged the due
Witness my hand and official seal, this the	, day of, 2019.
(Official Seal)	
	Notary Public
My commission expires	

Acknowledged and Agreed:

SYMBOL TECHNOLOGIES, LLC

Terri H. Smith Vice President