#### 503281063 04/27/2015

### **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3327681

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ROBERT BRUCE KLEVE	04/17/2015
JOHN THOMAS RICKS	04/17/2015
JIM MICHAEL WEINFURTHER	04/15/2015
JOHN ROBERT VAN WIEMEERSCH	04/15/2015
RONALD PATRICK BROMBACH	04/15/2015
LAURA VIVIANA HAZEBROUCK	04/15/2015
LISA THERESE BORAN	04/15/2015
HOWARD PAUL TSVI LINDEN	04/20/2015

#### **RECEIVING PARTY DATA**

Name:	FORD GLOBAL TECHNOLOGIES, LLC
Street Address:	330 TOWN CENTER DRIVE
Internal Address:	FAIRLANE PLAZA SOUTH, SUITE 800
City:	DEARBORN
State/Country:	MICHIGAN
Postal Code:	48126

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14696749

#### **CORRESPONDENCE DATA**

**Fax Number:** (616)957-8196

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:** 616-949-9610

**Email:** ptomail@priceheneveld.com

Correspondent Name: JEFFREY S. KAPTEYN/PRICE HENEVELD LLP

Address Line 1: 695 KENMOOR S.E. Address Line 2: P. O. BOX 2567

Address Line 4: GRAND RAPIDS, MICHIGAN 49501-2567

ATTORNEY DOCKET NUMBER:	83508867
NAME OF SUBMITTER:	JEFFREY S. KAPTEYN

SIGNATURE:	/Jeffrey S. Kapteyn/	
DATE SIGNED:	04/27/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 8		
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Attorney Docket Number	83508867	
Attorney Docket Number	03300007	

Title of Invent	ion ELECTRONIC SAFE DOOR UNLATCHING OPERATIONS				
This declaration	This declaration is directed to:				
	The attached application, or United States application or PCT international application numberfiled on				
The above-identi	fied application was made or authorized to be made by me.				
I hereby state the including the cla	at I have reviewed and understand the contents of the specification in the above-identified application, ims.				
I believe that I ar	n the original inventor or an original joint inventor of a claimed invention in the application.				
continuation-in-	e duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for part applications, material information which became available between the filing date of the prior he national or PCT international filing date of the continuation-in-part application.				
FORD GLOBAL of the State of I hereinafter refer interest, domesti of the ASSIGNE for the invention name or names, insert the serial ASSIGNEE, its applications, in a including all ap	employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto LTECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, red to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and c and foreign, in and to the inventions and discoveries in the above-identified invention including the right is successors, assigns or other legal representatives to make applications and to receive Letters Patent as and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to dapplication number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————				
including applic organizations, an	tree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, ations for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives sary to secure thereto the rights herein sold, assigned and set over.				
And I hereby rep	present and warrant that I have not granted any rights inconsistent with the rights granted herein.				
or imprisonment	riedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of not more than five (5) years or both.				
	OF INVENTOR Robert Bruce Kleve Date: 4-17-15				
Signature:	)a/13//				
Note: An Application Use an additional	ation Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. declaration form for each additional inventor.				

THE PARTY OF THE P	
Attorney Docket Number	83508867

Title of Invention	ELECTRONIC SAFE DOOR UNLATCHING OPERATIONS			
This declaration is directed to:				
	States application or PCT international application numberfiled on			
The above-identified app	lication was made or authorized to be made by me.			
I hereby state that I have including the claims.	re reviewed and understand the contents of the specification in the above-identified application,			
I believe that I am the ori	ginal inventor or an original joint inventor of a claimed invention in the application.			
continuation-in-part app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for lications, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.			
FORD GLOBAL TECHI of the State of Delaward hereinafter referred to as interest, domestic and fo of the ASSIGNEE, its su for the inventions and di name or names, or in my insert the serial/applica ASSIGNEE, its success applications, in and to the	nent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws e, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, is the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and reign, in and to the inventions and discoveries in the above-identified invention including the right accessors, assigns or other legal representatives to make applications and to receive Letters Patent scoveries in any and all countries, entities and intergovernmental organizations, in its or their own or name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to tion number and filing date of the application to receive Letters Patent herein: Serial No.			
including applications for organizations, and to per	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, or Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives ecure thereto the rights herein sold, assigned and set over.			
And I hereby represent a	nd warrant that I have not granted any rights inconsistent with the rights granted herein.			
or imprisonment of not n	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years or both.			
LEGAL NAME OF INV				
Inventor: John Tho Signature: John W	mas Ricks Date: 7-77-2015			
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.			

Please direct	all	correspondence to	o:	28415
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Attorney Docket Number	83508867	***************************************
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Title of Invention	ELECTRONIC SAFE DOOR UNLATCHING OPERATIONS			
This declaration is direct	ed to:			
☐ The at	tached application, or			
United ———	I States application or PCT international application number filed on			
The above-identified app	lication was made or authorized to be made by me.			
I hereby state that I havincluding the claims.	ve reviewed and understand the contents of the specification in the above-identified application,			
I believe that I am the or	ginal inventor or an original joint inventor of a claimed invention in the application.			
continuation-in-part app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for lications, material information which became available between the filing date of the prior and or PCT international filing date of the continuation-in-part application.			
of the State of Delaware hereinafter referred to as interest, domestic and fo of the ASSIGNEE, its suffor the inventions and diname or names, or in my insert the serial/applicar  ASSIGNEE, its success applications, in and to the	nent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws e, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, is the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and reign, in and to the inventions and discoveries in the above-identified invention including the right accessors, assigns or other legal representatives to make applications and to receive Letters Patent scoveries in any and all countries, entities and intergovernmental organizations, in its or their own mame, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to be also in number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————			
organizations, and to per	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, r Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives occure thereto the rights herein sold, assigned and set over.			
And I hereby represent as	nd warrant that I have not granted any rights inconsistent with the rights granted herein.			
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 in	fore than five (5) years or both.			
LEGAL NAME OF INV Inventor: Jim Mich	ael Weinfurther Date: 15 Apr 30/5			
Signature:	Warf			
Note: An Application Data	Sheet PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.			
Use an additional declaration	n form for each additional inventor.			

Please direct all	correspondence	e to:	28415
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Attorney Docket Number	83508867

The of Invention	ELECTRONIC SAFE DOOR DINLATCHING OPERATIONS
This declaration is direct	ed to:
	tached application, or I States application or PCT international application number filed on
The above-identified app	lication was made or authorized to be made by me.
I hereby state that I have including the claims.	ve reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the or	iginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for disclose, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECH of the State of Delawar hereinafter referred to a interest, domestic and for of the ASSIGNEE, its sfor the inventions and dname or names, or in minsert the serial/applications, its successapplications, in and to the	nent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws e, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, is the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and reign, in and to the inventions and discoveries in the above-identified invention including the right successors, assigns or other legal representatives to make applications and to receive Letters Patent iscoveries in any and all countries, entities and intergovernmental organizations, in its or their own and an its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to the number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————
including applications for organizations, and to pe	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, or Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental rform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives secure thereto the rights herein sold, assigned and set over.
And I hereby represent a	and warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknowledge the or imprisonment of not it	nat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years or both.
LEGAL NAME OF INV	
Inventor: John Rol	pert Van Wiemeersch Date: APIZ-15-2015
Signature:	Mr Alland
	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.  on form for each additional inventor.

Please direct	all	correspondence to:	28415
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	THE PARTY NAMED IN COLUMN TO THE PARTY NAMED
Attorney Docket Number	83508867

Title of Inven	ELECTRONIC SAFE DOOR UNLATCHING OPERATIONS
This declaration	n is directed to:
	The attached application, or United States application or PCT international application numberfiled on
The above-iden	tified application was made or authorized to be made by me.
I hereby state including the cl	that I have reviewed and understand the contents of the specification in the above-identified application, laims.
I believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.
continuation-in	the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for applications, material information which became available between the filing date of the prior if the national or PCT international filing date of the continuation-in-part application.
of the State of hereinafter references, domes of the ASSIGN for the inventioname or names insert the serial ASSIGNEE, applications, it including all	y employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto AL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, ferred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and stic and foreign, in and to the inventions and discoveries in the above-identified invention including the right NEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent ons and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own is, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ital/application number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————
including appl	agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, lications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives cessary to secure thereto the rights herein sold, assigned and set over.
And I hereby	represent and warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby ackn	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine ent of not more than five (5) years or both.
LEGAL NAM	ME OF INVENTOR
Inventor:	Ronald Patrick Brombach Date:
Signature:	fred from
Note: An Ann	plication Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.
Use an addition	nal declaration form for each additional inventor.

Please	direct	all	corres	ponder	nce to:	28415
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The state of the s		 	
Attorney Docket Number	23502267		
Attomey Docket Number	10000000	 -	

Title of Invention	ELECTRONIC SAFE DOOR UNLATCHING OF ERATIONS
This declaration is direct	ed to:
☐ The at	ached application, or States application or PCT international application number filed on
The above-identified app	lication was made or authorized to be made by me.
I hereby state that I havincluding the claims.	re reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the or	ginal inventor or an original joint inventor of a claimed invention in the application.
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FORD GLOBAL TECH of the State of Delawar hereinafter referred to a interest, domestic and fo of the ASSIGNEE, its for the inventions and d name or names, or in m insert the serial/applica  ASSIGNEE, its success applications in and to f	nent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws e, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, set the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and preign, in and to the inventions and discoveries in the above-identified invention including the right successors, assigns or other legal representatives to make applications and to receive Letters Patent is exercised in any and all countries, entities and intergovernmental organizations, in its or their own yname, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to the tion number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————
including applications for organizations, and to pe	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental erform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives secure thereto the rights herein sold, assigned and set over.
And I hereby represent	and warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknowledge to or imprisonment of not	hat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years or both.
LEGAL NAME OF IN	
Inventor: Laura V	iviana Hazebrouck Date: The Color of the Col
Signature:	ele profisiony
Note: An Application D	ata Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.
	ion form for each additional inventor.

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riease	airect :	an cori	espona	ence i	EO: Zi	54 L D

Attorney Docket Number	83508867
Attorney Docker (vuilloe)	63306607

rme of invention	ELECTRONIC SAFE DOOR UNLATCHING OPERATIONS		
This declaration is directed to:			
<ul> <li>☐ The attached application, or</li> <li>☐ United States application or PCT international application number</li> <li></li></ul>			
The above-identified application was made or authorized to be made by me.			
I hereby state that I have reviewed and understand the contents of the specification in the above-identified application, including the claims.			
I believe that I am the or	iginal inventor or an original joint inventor of a claimed invention in the application.		
I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 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.			
FORD GLOBAL TECH of the State of Delawar hereinafter referred to a interest, domestic and for of the ASSIGNEE, its s for the inventions and d name or names, or in minsert the serial/applications, its successapplications, in and to the	ment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws the having its principal place of business at Dearborn, County of Wayne, and State of Michigan, as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and oreign, in and to the inventions and discoveries in the above-identified invention including the right successors, assigns or other legal representatives to make applications and to receive Letters Patent iscoveries in any and all countries, entities and intergovernmental organizations, in its or their own yname, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to attoin number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————		
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.			
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.			
or imprisonment of not a LEGAL NAME OF INV			
Inventor: Lisa The Signature: (	Lise Therese Bosan Date: 41515		
	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. on form for each additional inventor.		

**RECORDED: 04/27/2015** 

	AND A SUCCESSION OF THE PROPERTY OF THE PROPER	
Attorney Docket Number	83508867	

### ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY, PROVISIONAL OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Title of invention   ELECTRONIC SAFE BOOK UNLATERING OF ERATIONS		
This declaration is directed to:		
The attached application, or United States application or PCT international application number filed on		
The above-identified application was made or authorized to be made by me.		
I hereby state that I have reviewed and understand the contents of the specification in the above-identified application, including the claims.		
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 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.		
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No.		
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.		
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.		
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.		
LEGAL NAME OF INVENTOR Inventor: Howard Paul Tsvi Linden  Date: 4/20/20/5.		
Signature:		
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.  Use an additional declaration form for each additional inventor.		