506095260 06/08/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6141980

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RADU IOAN CORCODEL	05/29/2020
AYKUT ONOL	05/29/2020

RECEIVING PARTY DATA

Name:	MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC.
Street Address:	201 BROADWAY, 8TH FLOOR
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16886816

CORRESPONDENCE DATA

Fax Number:

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.

Email: peterson@merl.com
Correspondent Name: KRISTIN PETERSON

Address Line 1: 201 BROADWAY, 8TH FLOOR

Address Line 4: CAMBRIDGE, MASSACHUSETTS 02139

ATTORNEY DOCKET NUMBER: NAME OF SUBMITTER:	MERL-3289 KRISTIN PETERSON	
SIGNATURE:	/kristin peterson/	
DATE SIGNED:	06/08/2020	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 6

source=MERL-3289-Declaration-Assignment-c-efile2#page1.tif

source=MERL-3289-Declaration-Assignment-c-efile2#page2.tif

source=MERL-3289-Declaration-Assignment-c-efile2#page3.tif

source=MERL-3289-Declaration-Assignment-O-efile2#page1.tif

source=MERL-3289-Declaration-Assignment-O-efile2#page2.tif

PATENT REEL: 052864 FRAME: 0044

506095260

source=MERL-3289-Declaration-Assignment-O-efile2#page3.tif

PATENT REEL: 052864 FRAME: 0045

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE

ASSIGNEE

<u> </u>	
Title of Invention	Apparatus and Method for Planning Contact-Interaction Trajectories
As the below named in	nventor, I hereby declare that:
This declaration is directly The attach	ned application, or
	ates Application number <u>16886816</u> on <u>May 29, 2020</u>
The above identified a	pplication was made or authorized to be made by me.
I believe that I am the application.	original inventor or an original joint inventor of a claimed invention in the
whose address is 2011 successors and assigns	hi Electric Research Laboratories, Inc., a corporation of the State of Delaware, Broadway, Cambridge, Massachusetts 02139, and who, together with its is hereinafter called "Assign¬ee", is desirous of acquiring the entire right, title, with the benefits and privi¬leges hereinafter recited;
	, THEREFORE, for valuable consideration furnished by Assignee to us, receipt ch we hereby acknowledge, we hereby, without reservation;
and privileges in and t forms of protection of said inventions and dis- continuation and conv- or upon said applications similar forms of protections.	d convey to Assignee the entire right, title and interest together with the benefits o said inventions and discoveries, said Application for Letters Patent or similar the United States of America, and all other applications for Letters Patent on scoveries in whatsoever countries, including all divisional, renewal, substitute, ention applications based in whole or in part upon said inventions or discoveries, on, and any and all Letters Patent, reissues and extensions of Letters Patent or ction granted for said inventions and discoveries or upon said applications, and at is or may be predicated upon or arise from said inventions, said discoveries, said Letters Patent;
countries on any or all	thorize Assignee to file patent applications in any or all countries or groups of of said inventions and discoveries in our name or in the name of Assignee or may deem advisable, under the International Convention or any other relevant rotherwise;
	thorize and request the Assistant Commissioner for Patents of the United States

1

Patent to Assignee, as Assignee of the entire right, title and interest therein or otherwise as Assignee may direct; 4. Warrant that we have not knowingly conveyed to others any rights in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance: 5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonable serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing any facts of our conceptions, disclosures, and reduction to practice of said inventions or discoveries.

I FGA	IN	ΔM	$\mathbf{F} \mathbf{O}$	FINI	/ENTOR

Inventor: Date: -/	Inventor		Corcodel		Date:	
--------------------	----------	--	----------	--	-------	--

Signature: Radu Isan Concodel

SUPPLEMENTAL SHEET FOR DECLARATION USING AN APPLICATION DATA SHEET AND ASSIGNMENT

ADDITIONAL INVENTOR(S) Supplemental Sheet

Page		of		
------	--	----	--	--

LEGAL NAME OF INVENTOR	
Inventor:	_ Date:
Signature:	
LEGAL NAME OF INVENTOR	
Inventor:	_ Date:
Signature:	
LEGAL NAME OF INVENTOR	
Inventor:	Date:
Signature:	
LEGAL NAME OF INVENTOR	
Inventor:	_ Date:
Signature:	
LEGAL NAME OF INVENTOR	
LEGAL NAME OF BYVENTOR	
Inventor:	Date:
Signature:	

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE

ASSIGNEE

· Contraction of the contraction		
Title of Invention	Apparatus and Method for Planning Contact-Interaction Trajectories	
As the below named in	nventor, I hereby declare that:	
This declaration is directly The attack	ected to ned application, or	
	ates Application number <u>16886816</u> on <u>May 29, 2020</u>	
The above identified a	application was made or authorized to be made by me.	
I believe that I am the application.	original inventor or an original joint inventor of a claimed invention in the	
whose address is 2011 successors and assigns	hi Electric Research Laboratories, Inc., a corporation of the State of Delaware, Broadway, Cambridge, Massachusetts 02139, and who, together with its is hereinafter called "Assign¬ee", is desirous of acquiring the entire right, title, with the benefits and privi¬leges hereinafter recited;	
	, THEREFORE, for valuable consideration furnished by Assignee to us, receipt ich we hereby acknowledge, we hereby, without reservation;	
1. Assign, transfer and convey to Assignee the entire right, title and interest together with the benefits and privileges in and to said inventions and discoveries, said Application for Letters Patent or similar forms of protection of the United States of America, and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said application, and any and all Letters Patent, reissues and extensions of Letters Patent or similar forms of protection granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;		
countries on any or all	of said inventions and discoveries in our name or in the name of Assignee or may deem advisable, under the International Convention or any other relevant r otherwise;	
	athorize and request the Assistant Commissioner for Patents of the United States appropriate of the United States appropriate to issue or transfer all said Letters	

1

Patent to Assignee, as Assignee of the entire right, title and interest therein or otherwise as Assignee may direct; 4. Warrant that we have not knowingly conveyed to others any rights in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance: 5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonable serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing any facts of our conceptions, disclosures, and reduction to practice of said inventions or discoveries. LEGAL NAME OF INVENTOR

Inventor: _____ Date: _____

Signature:

RECORDED: 06/08/2020

SUPPLEMENTAL SHEET FOR DECLARATION USING AN APPLICATION DATA SHEET AND ASSIGNMENT

ADDITIONAL INVENTOR(S) Supplemental Sheet

Page _____ of ____

LEGAL NAME OF INVENTOR	
Inventor:	Date: 5/29/2020
Signature: lykut Onol	
LEGAL NAME OF INVENTOR	
Inventor:	_Date:
Signature:	
LEGAL NAME OF INVENTOR	
Inventor:	Date:
Signature:	
LEGAL NAME OF INVENTOR	
Inventor:	_ Date:
Signature:	
LEGAL NAME OF INVENTOR	
Inventor:	Date:
Signature:	

3

PATENT REEL: 052864 FRAME: 0051