505000942 07/12/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
RANGARAJAN RAMANUJAM	07/06/2018	
BHUVANESH SAINATH	07/03/2018	
TEJAS M. VARUNJIKAR	07/03/2018	
PRERIT PRAMOD	07/07/2018	

RECEIVING PARTY DATA

Name:	STEERING SOLUTIONS IP HOLDING CORPORATION
Street Address:	3900 HOLLAND RD.
City:	SAGINAW
State/Country:	MICHIGAN
Postal Code:	48601

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16033579

CORRESPONDENCE DATA

Fax Number: (404)607-9981

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Address Line 2: 22ND FLOOR

Address Line 4: HARTFORD, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER:	NXT0822US (N000831)
NAME OF SUBMITTER:	TANMAY DHARMADHIKARI
SIGNATURE:	/tanmaydharmadhikari,#L0938/
DATE SIGNED:	07/12/2018

Total Attachments: 8 source=83B7861#page1.tif source=83B7861#page2.tif

PATENT 505000942 REEL: 046334 FRAME: 0001

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PATENT REEL: 046334 FRAME: 0002

	ASSIGNMENT
MI 48603, Bhuvanesh Sainath, residing a Varunjikar, residing at 2175 Norfolk, Apresiding at 6201 Fox Glen Dr., Apt. 294, Secretain new and useful invention as set forth packs. FORCE ESTIMATION FOR STI	manujam, residing at 5124 Flaxton Dr., Apt. i3, Saginaw, at 5124 Flaxton Dr., Apt. i3, Saginaw, MI 48603, Tejas M. t. 201, Rochester Hills, MI 48309, and Prerit Pramod, Saginaw, MI, 48638, respectively ("Assignors"), have made a in an application for United States Letters Patent, entitled EERING SYSTEMS, for which an application for a United having Serial No.
organized under the laws of the State of Del	OLUTIONS IP HOLDING CORPORATION, a corporation aware, USA, and having a place of business at 3900 Holland strous of acquiring the entire right, title and interest in and to ent of the United States and foreign countries which may be
which is hereby acknowledged, Assignors d legal representatives, successors, and assign forth in the above-mentioned application, in continuations-in-part, divisions, reissues, re-	I valuable consideration, the receipt for and sufficiency of o hereby sell, assign, transfer and set over unto Assignee, its s, the entire right, title and interest in and to the Invention as so cluding the right of priority and including any continuations, examinations or extensions thereof, and in and to any and all intries which may be issued for the Invention;
not execute any writing or do any act whatso any time upon request, without further or ad execute such additional assignments and oth deem necessary or desirable to perfect the A assistance in making application for and obt- reexamined, reissued, or extended Letters Pa the Invention, and in enforcing any rights in by giving testimony in any proceedings or tr- executing preliminary statements and other a	6. Assignors hereby agree with the Assignee that Assignors will be ever conflicting with these presents, and that Assignors will, a ditional consideration but at the expense of the Assignee, ser writings and do such additional acts as the Assignee may assignee's enjoyment of this grant, and render all necessary aining original, divisional, continuations, continuations-in-part atent of the United States or of any and all foreign countries on any action accruing as a result of such applications or patents, ansactions involving such applications or patents, and by affidavits, it being understood that the foregoing covenant and it of the assigns and legal representatives of Assignor and
of the United States which may be issued for	issioner for Patents and Trademarks to issue any Letters Patent to Invention to the Assignee, its legal representatives, see entire right, title and interest in and to said patent and the
07/06/2018	Rangarajan Ramanujam
Date	Rangarajan Ramanujam
Date	Bhuvanesh Sainath
Date	Tejas M. Varunjikar

Docket No.: NXT0822US (N000831)		
Date	Prerit Pramod	

Docket No.: NXT0822US (N000831)

ASSIGNMENT

WHEREAS, We, Rangarajan Ramanujan MI 48603, Bhuvanesh Sainath, residing at 5124 Fl Varunjikar, residing at 2175 Norfolk, Apt. 201, Reresiding at 3246 Churchhill Ln, Apt 2, Saginaw, Necertain new and useful invention as set forth in an app RACK FORCE ESTIMATION FOR STEERING States Letters Patent was filed on	ochester Hills, MI 48309, and Prerit Pramod, 11 48603, respectively ("Assignors"), have made a olication for United States Letters Patent, entitled SYSTEMS, for which an application for a United
AND WHEREAS, STEERING SOLUTIO organized under the laws of the State of Delaware, U Rd., Saginaw, MI 48601 ("Assignee") is desirous of said invention and in any and all Letters Patent of the obtained therefor;	acquiring the entire right, title and interest in and to
which is hereby acknowledged, Assignors do hereby	ire right, title and interest in and to the Invention as set the right of priority and including any continuations, tions or extensions thereof, and in and to any and all
not execute any writing or do any act whatsoever con any time upon request, without further or additional of execute such additional assignments and other writing deem necessary or desirable to perfect the Assignee's assistance in making application for and obtaining or	gs and do such additional acts as the Assignee may senjoyment of this grant, and render all necessary iginal, divisional, continuations, continuations-in-part, ne United States or of any and all foreign countries on on accruing as a result of such applications or patents, as involving such applications or patents, and by the ting understood that the foregoing covenant and
AND Assignors request the Commissioner for the United States which may be issued for the Invesuccessors or assigns, as the sole owner of the entire Invention covered thereby.	
Date	Rangarajan Ramanujam
07/03/2018 Date	Bhuvanesh Sainath
Date	Tejas M. Varunjikar

Docket No.: NXT0822US (N000831)		
	·	
Date	Prerit Pramod	

Docket No.: NXT0822US (N000831)

ASSIGNMENT

Assir	OIMMITM I
MI 48603, Bhuvanesh Sainath, residing at 5124 I Varunjikar, residing at 3878 Sandpiper, Troy, M Glen Dr., Apt. 294, Saginaw, MI, 48638, respective invention as set forth in an application for United Si	r which an application for a United States Letters Patent
organized under the laws of the State of Delaware, Rd., Saginaw, MI 48601 ("Assignee") is desirous or	ONS IP HOLDING CORPORATION, a corporation USA, and having a place of business at 3900 Holland f acquiring the entire right, title and interest in and to be United States and foreign countries which may be
which is hereby acknowledged, Assignors do hereb legal representatives, successors, and assigns, the er forth in the above-mentioned application, including	ole consideration, the receipt for and sufficiency of y sell, assign, transfer and set over unto Assignee, its ntire right, title and interest in and to the Invention as set the right of priority and including any continuations, ations or extensions thereof, and in and to any and all thich may be issued for the Invention;
not execute any writing or do any act whatsoever co any time upon request, without further or additional execute such additional assignments and other writi- deem necessary or desirable to perfect the Assignee assistance in making application for and obtaining of reexamined, reissued, or extended Letters Patent of the Invention, and in enforcing any rights in any act by giving testimony in any proceedings or transaction	ngs and do such additional acts as the Assignee may is enjoyment of this grant, and render all necessary original, divisional, continuations, continuations-in-part, the United States or of any and all foreign countries on ion accruing as a result of such applications or patents, ons involving such applications or patents, and by ts, it being understood that the foregoing covenant and
of the United States which may be issued for the In-	for Patents and Trademarks to issue any Letters Patent vention to the Assignee, its legal representatives, e right, title and interest in and to said patent and the
Date	Rangarajan Ramanujam
Date	Bhuvanesh Sainath
7-5-2018	Jets.
Date	Tejas M. Varunjikar

Docket No.: NXT0822U	JS (N000831)		
Date		Prerit Pramod	

ASSIGNMENT

WHEREAS, We, Rangarajan Ramanujam, residing at 5124 Flaxton Dr., Apt. i3, Saginaw, MI 48603, Bhuvanesh Sainath, residing at 5124 Flaxton Dr., Apt. i3, Saginaw, MI 48603, Tejas M. Varunjikar, residing at 2175 Norfolk, Apt. 201, Rochester Hills, MI 48309, and Prerit Pramod, residing at 3246 Churchhill Ln., Apt. 2, Saginaw, MI, 48603, respectively ("Assignors"), have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled RACK FORCE ESTIMATION FOR STEERING SYSTEMS, for which an application for a United States Letters Patent was filed onhaving Serial No	
organized under the laws of the State of Delaware, Rd., Saginaw, MI 48601 ("Assignee") is desirous o	ONS IP HOLDING CORPORATION, a corporation USA, and having a place of business at 3900 Holland f acquiring the entire right, title and interest in and to the United States and foreign countries which may be
NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Assignors do hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to the Invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for the Invention;	
not execute any writing or do any act whatsoever or any time upon request, without further or additional execute such additional assignments and other writing deem necessary or desirable to perfect the Assigned assistance in making application for and obtaining of reexamined, reissued, or extended Letters Patent of the Invention, and in enforcing any rights in any act by giving testimony in any proceedings or transacti	ings and do such additional acts as the Assignee may e's enjoyment of this grant, and render all necessary original, divisional, continuations, continuations-in-part, the United States or of any and all foreign countries on tion accruing as a result of such applications or patents, ons involving such applications or patents, and by its, it being understood that the foregoing covenant and
AND Assignors request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for the Invention to the Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the Invention covered thereby.	
Date	Rangarajan Ramanujam
Date	Bhuvanesh Sainath
Date	Tejas M. Varunjikar

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Docket No.: NXT0822US (N000831)

07/07/2018

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PATENT REEL: 046334 FRAME: 0010

Date