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B. Execution Date: March 16, 2009							
4. A. Patent Application No. <u>12/382,930</u>	B. Patent No.						
Additional numbers	aπached? □ Yes ☒ No						
	ROBOT WHOSE ROBOT BODY RUNS						
ALONG TRAVELING RAIL							
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved: 1						
Name: <u>James A. Oliff</u>	7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00.						
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James A. Offf. Registration No. 27,075 Scott M. Schulte, Registration No. 44,325	Date: <u>April 16, 2009</u>						

PATENT REEL: 022548 FRAME: 0184 3.26.09

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3. A. Nature of conveyance:	B. Additional name(s) & address(es) attached? ☐ Yes ☑ No						
Assignment							
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B. Execution Date: March 16, 2009							
4. Main and the state of the st	arion.						
A. Patent Application No.(s)	B. Patent No.(s)						
Additional numbers attached? ☐ Yes ⊠ No							
C. Title of Application: SUSPENSION TYPE ROBOT WHOSE ROBOT BODY RUNS ALONG TRAVELING RAIL							
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1						
Name: James A Oliff	7. A. Total fee (37 CFR 3.41)\$ 40.00						
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9. Statement and signature. To the best of my knowledge and belief, the foregoing inform the original document. James A. Oliff Registration No. 27,075	nation is true and correct and any attached copy is a true copy of 81 +C:8021 Date: March 26, 2009	ge ge					
Scott M. Schulte Registration No. 44,325	ncluding cover sheet, attachments, and document: 2						

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ASSIGNMENT

		(1)	Hisaki KATO	(5)		<u> </u>
(1-8)	Insert	(2)				
	Name(s) of Inventor(s)	(3)				<u> </u>
		(4)		(8)		
			each of the undersigned, each	um of one dollar (5	\$1.00) and other good	and valuable consideration
(9)	Insert Name of Assignee	(9)	DENISO WAVE INCORDOR	ATEN		
(10)	Insert Address of	•	DENSO WAVE INCORPOR	· ·	N. I	
	Assignce	(10)	4-2-12, Toranomon, Minato-			
		the enti inventio division	(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as			
(11)	Insert	(11)	SUSPENSION TYPE I	ROBOT WHOSE	ROBOT BODY	RUNS ALONG
	Identification such as Title, Case Number, or Foreign Application Number	(Attorn	TRAVELING RAIL ey Docket No. 14111	 0		
		-	ch the undersigned has (have)			
			date herewith or		parties and	
(12)	Insert Date of Signing of	(12)				
	Signing of	on (12)	March 16, 2009			
	Application					
(13)	Alternative	(13) Numbe	U.S. application Serial			
	Identification for filed applications	filed	March 26. 20	09		
applica any app the Ass claims of reexame Patents full righ and agr identific	applications for the invention tions and patents as the Assig 2) Each undersigned agree olication or continuation or dispute in every way possible in 3) Each undersigned agree or provisions of the Internation 4) Each undersigned agree ination a grant of a valid Unit 5) Each undersigned author the United States resulting at to convey the entire interestices that this assignment is bir	n, and any mee may des to execution their obtaining es to executional Convector of States portizes and from said therein as adding on how grants to	eem necessary. Ite all papers necessary in concept, or any patent or reissue as a vidence and going forward ite all papers and documents a ntion for Protection of Industry all affirmative acts which in patent to the Assignee. Trequests the Commissioner of application(s) to the said Assigned, and that he has not exite and his heirs, successors, as the firm of OLIFF & BERRIDG.	also to execute sep nection with any in pplication based it with such interfere and perform any ac- tial Property or sim- may be necessary to the U.S. Patent and signee as Assignee couted, and will no assign: and legal re E, PL(the power to	narate assignments in interference which may inceed, for the inventione. It which may be necessuilar agreements of obtain, maintain or of the entire interest, it execute, any agreem presentatives.	connection with such y be declared concerning on, and to cooperate with sary in connection with confirm by reissue or o issue any and all Letters and covenants that he has tents in conflict herewith, ment any further
	In witness whereof, execut	cd by the	undersigned on the date(s) o	pposite the under	rsigned name(s).	
Date	march 16,20	20 }	Inventor Signature	Tusaki Hisaki Kato	Hato	(SEAL)
Date			Inventor Signature			(SEAL)
Date		_	Inventor Signature		.	(SEAL)
Date			Inventor Signature			(SEAL)
	This assignment should prefer, then it should be signed be March 16, 2 March 16, 26	fore at lea		i here		nul if outside the U.S.A.
Date	March 16, 21	709	Witness _	Michika	ru Vsac	1 a

PATENT REEL: 022548 FRAME: 0186

RECORDED: 04/16/2009