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torney Docket No. 129198

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9	Please record the attached original document or copy thereof.							
8,8	1. A. Name of conveying parties: [1] Youichi HASEGAWA [2] Sadayoshi KAJINO [3] Tomoya IMANISHI B. Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	2. A. Name and address of receiving party: DENSO CORPORATION 1-1, Showa-cho, Kariya-city Aichi-pref. 448-8661 Japan						
	3. A. Nature of conveyance: Assignment	B. Additional name(s) & address(es) attached? □Yes ☑ No						
	This document is being filed together with a new applica A. Patent Application No.(s) Additional numbers atta C. Title of Application: STARTER AND METHOD C	B. Patent No.(s)						
08/30/2006 1	Name and address of party to whom correspondence concerning document should be mailed: Name: James A. Oliff BYRNE 00000142 11509640	 6. Total number of applications and patents involved: 1 7. A. Total fee (37 CFR 3.41)\$ 40.00 						
01 FC:8021	Address: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320	B. Enclosed (Check No. <u>183472</u>) Credit any overpayment or charge any underpayment to deposit account number 15-0461.						
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PATENT

REEL: 018214 FRAME: 0633

ASSIGNMENT

		(1)	Youichi HASEGAWA		(5)	
(1-8)	Insert	(2)	Sadayoshi KAJINO		(6)	
	Name(s) of Inventor(s)	(3)	Tomoya IMANISHI		(7)	
		(4)			(8)	
		paid to	each of the undersigned, ea		lar (\$1.00) and other good and vagrees to assign, and hereby doe	
(9)	Insert Name of Assignee	(9)	DENSO CORPORATION			
(10)	Insert Address of Assignee	•			48-8661 Japan	
(11)	Insert	the ent inventi divisio	ire right, title and interest for ion, and in all applications for onal, continuation, substitute is and reexamination certific	or the United States for patent include, and reissue appeares that may be	nee's heirs, successors, assigns and altes of America as defined in 35 ing any and all provisional, non-plication(s), and all Letters Pater arganted on the invention known	U.S.C. §100, in the provisional, it, extensions, it as
(11)	Identification	(,				
	such as Title, Case Number, or Foreign Application Number	for wh	·		application for patent in the Uni	
(12)	Insert Date of	OII CVC	n date nerewith of			
(12)	Signing of	(12)	July 28 a	nd 31, 20	06	
	Application	on		01, 10		
(13)	Alternative	(13) Numb	U.S. application Serial			
	Identification for filed applications	filed)6		
applica any app the Ass claims reexam Patents full rigi and agr identifi	tions and patents as the Assi 2) Each undersigned agree blication or continuation or dignee 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 authorithe United States resulting that the United States resulting the theory of the United States resulting the theory of the that this assignment is bit 6) Each undersigned here	gnee may es to exect ivision the nobtaining es to exect onal Convest operated States orizes an g from sa est herein a nding on eby grants	deem necessary. cute all papers necessary in ereof, or any patent or reissi ng evidence and going forw cute all papers and documer vention for Protection of Ind form all affirmative acts whis s patent to the Assignee. d requests the Commissione id application(s) to the said assigned, and that he has no him and his heirs, successo the firm of OLIFF & BERR	connection with ue application be and with such in its and perform a lustrial Property ich may be necester of the U.S. Para Assignee, as As at executed, and wers, assigns and lettinger, PLC the p	any act which may be necessary any similar agreements. I sary to obtain, maintain or confident and Trademark Office to issue the confident and the confiden	declared concerning and to cooperate with in connection with irm by reissue or ue any and all Letters covenants that he has in conflict herewith, any further
	In witness whereof, execu	ted by th	e undersigned on the date	`` `	• • • • • • • • • • • • • • • • • • • •	
Date	July 28, 2	006	Inventor Signate	ure Youishi	wichi Hasegawa	(SEAL)
Date	July 28, 2		Inventor Signat	ure Sadayosh	wichi Hasegawa Hasegawa Kaypeshi Kajino i Kajino	(SEAL)
Date	July 28, 2	2006	Inventor Signat	ure <u> </u>	va Imanishi Manishi	(SEAL)
Date			Inventor Signat			(SEAL)
	er, then it should be signed b	efore at l	east two witnesses who also	sign here:	n the U.S.A. (b) a U.S. Consul if	
Date	July 28, 2	ort	Witne	- $ -$	rji Usumi	
Date	July 28, 2 July 31.20	006	Witne	ess Zoine	r'i Usum! hiro Feramar	hi

PATENT REEL: 018214 FRAME: 0634

ASSIGNMENT

		(1) <u>Yo</u>	uichi HASEGAWA	(5)	
(1-8)	Insert	(2) <u>Sac</u>	layoshi KAJINO	(6)	
	Name(s) of Inventor(s)	(3) <u>To</u>	moya IMANISHI	(7)	
		(4)		(8)	
		paid to eacl	In consideration of the sun h of the undersigned, each un	of one dollar (\$1.00) and other go indersigned agrees to assign, and he	od and valuable consideration reby does assign, transfer and
(9)	Insert Name of Assignce	(9) DE	INSO CORPORATION		
(10)	Insert Address of Assignee	(10) 1-1	, Showa-cho, Kariya-city, A	ichi-pref. 448-8661 Japan	
·		the entire r invention, divisional, reissues an	ight, title and interest for the and in all applications for pa continuation, substitute, and d reexamination certificates	and Assignee's heirs, successors, ass United States of America as defin tent including any and all provision reissue application(s), and all Lett that may be granted on the invention	ed in 35 U.S.C. §100, in the nal, non-provisional, ters Patent, extensions, on known as
(11)	Insert	(11)	STARTER AND METH	OD OF MANUFACTURING	THE SAME
	Identification such as Title, Case Number, or Foreign Application Number	_	V-1	secuted an application for patent in	
			te herewith or	Recuted an approaction for patent in	the Office States of America
(12)	Insert Date of Signing of	(12) on	July 28 and	31, 2006	
	Application				
(13)	Alternative	(13) Number	U.S. application Serial		
	Identification for filed applications	filed	August 25, 2006		
applica any applica the Assi claims reexam Patents full rig and ag identif	2) Each undersigned agr plication or continuation or cisignee in every way possible 3) Each undersigned agr or provisions of the Internat 4) Each undersigned agr inition a grant of a valid Un 5) Each undersigned aut s of the United States resulting the to convey the entire interestrees that this assignment is b 6) Each undersigned her	gnee may deer ees to execute livision thereo in obtaining er ees to execute conal Conventies to perform ited States pathorizes and re- ing from said ap st herein assigning on him eby grants the	all papers necessary in conn f, or any patent or reissue ap vidence and going forward v all papers and documents ar ion for Protection of Industri all affirmative acts which n tent to the Assignee. quests the Commissioner of pplication(s) to the said Assi and, and that he has not exe and his heirs, successors, as firm of OLIFF & BERRIDGE	lso to execute separate assignments ection with any interference which plication based thereon, for the inv ith such interference. d perform any act which may be ne al Property or similar agreements. ay be necessary to obtain, maintain the U.S. Patent and Trademark Off gnee, as Assignee of the entire inte- cuted, and will not execute, any ag- signs and legal representatives. PLC the power to insert on this as ules of the United States Patent and	may be declared concerning rention, and to cooperate with eccessary in connection with n or confirm by reissue or fice to issue any and all Letters rest, and covenants that he has reements in conflict herewith, signment any further
				pposite the undersigned name(s).	
Date	July 28, -	2006	Inventor Signature	Gowchi Hase	rawa (SEAL)
Date	July 31,	2006	Inventor Signature	Youichi Hasegawa Youichi Hasegawa Youichi Hasegawa Younghi Kalino Sadayoshi Kalino Tomoya Imanya Tomoya Imanishi	jino (SEAL)
Date	July 28, -	2006	_ Inventor Signature	Tomo ya Smanus Tomova Imanishi	ikė (SEAL)
Date			Inventor Signature		(SEAL)
If neitl	This assignment should pr her, then it should be signed		two witnesses who also sign		
Date	July 28, 2	cort	Witness	Shinji Usumi	· ·
Date	July 31.2		Witness _	Tomohiro Tora	machi

RECORDED: 08/25/2006

PATENT REEL: 018214 FRAME: 0635