01 FC:8021

Mail Stop: **Assignment Recordation Services** Director of the U.S. Patent and Trademark Office P.O. Box 1450

06-18-2007

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

103417190 Alexandria, VA 22313-1450 Attorney Docket No. 132787 Please record the attached original document or copy thereof. Name and address of receiving party(ies): Name of conveying party(ies): Α. **DENSO CORPORATION** Yukio NAWA 1-1, SHOWA-CHO Mitsukazu HATTORI KARIYA-CITY, AICHI-PREF. Yoshinori YAMAGUCHI 448-8661 JAPAN Additional name(s) of conveying party(ies) attached? ☐ Yes 🛛 No Additional name(s) & address(es) attached? 3. A. Nature of conveyance: ☐Yes 🏻 No ☐ Merger X Assignment ☐ Change of Name Security Agreement Other Execution Date: ALL: June 1, 2007 \boxtimes This document is being filed together with a new application. Patent No.(s) Patent Application No.(s) ____ C. Title of Application: ROTATIONAL POWER TRANSFER DEVICE AND RELATED MANUFACTURING METHOD Total number of applications and patents involved: $\underline{1}$ Name and address of party to whom correspondence concerning document should be mailed: Name: James A. Oliff Enclosed (Check No. 193574) 06/15/2007 DIYRNE 00000143 11808350 40.00 BP & BERRIDGE, LC Credit any overpayment or charge any underpayment to Address: R.O. Box 19928 deposit account number 15-0461. Alexandria, VA 22320 Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Date: June 8, 2007 James A. Oliff Registration No. 27,075 David R. Kemeny Registration No. 57,241 Total number of pages including cover sheet, attachments, and document: 2

> **PATENT** REEL: 019447 FRAME: 0359

ASSIGNMENT

Insert Name(s)	(2)			
Name(s)	(-)	Mitsukazu HATTORI	(6)	
of Inventor(s)	(3)	Yoshinori YAMAGUCHI	(7)	
	(4)		(8)	
	•	ach of the undersigned, each t	n of one dollar (\$1.00) and other good and indersigned agrees to assign, and hereby do	valuable consideration es assign, transfer and
Insert Name of	(9) I	DENSO CORPORATION		
Insert Address of	` -		Aichi-pref. 448-8661 Japan	
_	the entire invention divisiona reissues a	e right, title and interest for the n, and in all applications for p l, continuation, substitute, an and reexamination certificates	e United States of America as defined in 35 atent including any and all provisional, non d reissue application(s), and all Letters Pate that may be granted on the invention know	U.S.C. §100, in the a-provisional, ent, extensions, on as
	(11) _	ROTATIONAL POWE	R TRANSFER DEVICE AND REL	ATED
such as Title, Case		W	ETHOD	
Number, or Foreign Application Number	(Attorne	y Docket No132787		
			xecuted an application for patent in the Un	ited States of America
Insert Date of	(12)			
	on	June 1, 200	7	
	(13) Number			
Identification for filed applications	filed _	June 8, 2007		· · · · · · · · · · · · · · · · · · ·
tions and patents as the A 2) Each undersigned dication or continuation of the continuation a grant of a valid of the United States resund to convey the entire interest hat this assignment of the Continuation of the convey the convey the convey the convey the continuation of the convey t	Assignee may de agrees to execut or division there ble in obtaining agrees to execut national Conven agrees to perfor United States pauthorizes and rulting from said terest herein assis binding on hit hereby grants the	em necessary. e all papers necessary in connot, or any patent or reissue apevidence and going forward ve all papers and documents antion for Protection of Industrim all affirmative acts which natent to the Assignee. equests the Commissioner of application(s) to the said Assigned, and that he has not exem and his heirs, successors, as e firm of OLIFF & BERRIDGE	ection with any interference which may be plication based thereon, for the invention, with such interference. d perform any act which may be necessary all Property or similar agreements. ay be necessary to obtain, maintain or confidence, as Assignee of the entire interest, and cuted, and will not execute, any agreements signs and legal representatives. PLC the power to insert on this assignmen	declared concerning and to cooperate with in connection with firm by reissue or sue any and all Letters covenants that he has in conflict herewith, t any further
In witness whereof, ex	ecuted by the 1	indersigned on the date(s) o	oposite the undersigned name(s).	
June 1.2	007	Inventor Signature	Yukio Nawa Yukio Nawa	(SEAL)
June 1. 20	007	Inventor Signature	mitsukazu Hattori Mitsukazu Hattori	(SEAL)
June 1 20	007	Inventor Signature	Yoshinovi Yamaguchu Yoshinori Yamaguchu	(SEAL)
1 C 1	Insert Identification such as Title, Case Number, or Foreign Application Number Insert Date of Signing of Application Alternative Identification for filed applications 1) Each undersigned applications for the inventions and patents as the A 2) Each undersigned dication or continuation of ignee in every way possil 3) Each undersigned or provisions of the Intere 4) Each undersigned into convey the entire interest that this assignment if to convey the entire interest that this assignment if 6) Each undersigned cation that may be necess tion of this document. In witness whereof, ex	Insert Name of Assignee Insert Address of Assignee Insert Address of Assignee Insert Address of Assignee Insert (10)	Insert Name of Assignee Insert Address of Assignee Insert Address of Assignee Insert Address of Assignee (hereinafter designated as the Assignee the entire right, title and interest for the invention, and in all applications for prodivisional, continuation, substitute, and reissues and reexamination certificates Insert Identification such as Title, Case Number, or Foreign Application Number Insert Date of Signing of Application Alternative (13) Application Alternative (13) Alternative (13) Beach undersigned agrees to execute all papers necessary in connapplications for the invention, and any patent(s) issuing thereon, and a tions and patents as the Assignee may deem necessary. 2) Each undersigned agrees to execute all papers necessary in connapplication or continuation or division thereof, or any patent or reissue application a grant of a valid United States patent to the Assignee. 5) Each undersigned agrees to execute all papers and documents and provisions of the International Convention for Protection of Industrication a grant of a valid United States patent to the Assignee. 5) Each undersigned authorizes and requests the Commissioner of the United States resulting from said application(s) to the said Assign to convey the entire interest herein assigned, and that he has not execute the third assignment is binding on him and his heirs, successors, as (6) Each undersigned hereby grants the firm of Olliff & Berrildee eation that may be necessary or desirable in order to comply with the retion of this document. In witness whereof, executed by the undersigned on the date(s) of	Insert Name of Assignee Insert Address of Assignee Insert Address of Assignee (10) 1-1, Showa-cho, Kariya-city, Aichi-pref. 448-8661 Japan (hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns an the entire right, title and interest for the United States of America as defined in 35 invention, and in all applications for patent including any and all provisional, non divisional, continuation, substitute, and reissue application(s), and all Letters Pate reissues and reexamination certificates that may be granted on the invention know such as Title, Case Number, or Foreign Application Number (Attorney Docket No. for which the undersigned has (have) executed an application for patent in the Un on even date herewith or Insert Date of Signing of (12) on June 1, 2007 Application Alternative (13) U.S. application Serial Number Identification for filed applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in continuation or division thereof, or any patent or reissue application based thereon, for the invention, ignce in every way possible in obtaining evidence and going forward with such interference which may be recessary or provisions of the International Convention for Protection of Industrial Property or similar agreements. 4) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary or provisions of the International Convention for Protection of Industrial Property or similar agreements. 4) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary or provisions of the United States resulting from said applications for Industrial Property or similar agreements. 4) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary or provisions of the United States resulting from said applications or of the United States resulting from said applications or of the United States resulting from said appli

RECORDED: 06/08/2007

PATENT REEL: 019447 FRAME: 0360