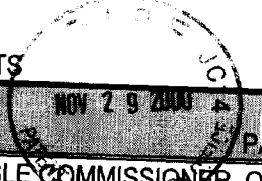


12-08-2000

BOX ASSIGNMENTS



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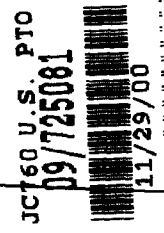
TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

SK# 09725081
11-29-00

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

- 1. UMEDA, Atsushi
- 2. SHIGA, Tsutomu
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO



2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: DENSO CORPORATION

ADDRESS: 1-1, Showa-Cho, Kariya-city, Aichi-pref., 448 -8661, Japan

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

09/725081

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

- ASSIGNMENT OF WHOLE PART INTEREST
- ORIGINAL FACSIMILE/COPY
- CHANGE OF NAME VERIFIES TRANSLATION
- SECURITY MERGER OTHER:

EXEC. DATE: November 13, 2000 and November 14, 2000

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) November 13, 2000 and November 14, 2000

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APP. NO.(S) series code/serial no	M#	1* INVENTOR if not in item 1	B. PATENT NO(S)	M#	1* INVENTOR if not in item 1
New application	275902				

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Madison & Sutro LLP
1100 NEW YORK AVENUE, N.W.
NINTH FLOOR, EAST TOWER
WASHINGTON, D.C. 20005-3918

6. NUMBER INVOLVED:
APPLNS 1 + PATS: = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL x \$40 = \$40.

5.5 ATTY DKT:

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

275902	54818-US-SUS/nh	UNDER ORDER NO	30954	275902
MATTER NO.	CLIENT REF.	dup. sheet not required	CLIENT NO.	MATTER NO.

9. 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.

G. Lloyd Knight 16773

Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) 2

Attorney: G. LLOYD KNIGHT
Reg. No. 17698
Atty/Sec: GLK/sdm

Date: November 29, 2000
TEL: (202) 861-3090
FAX: (202) 822-0944

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12/04/2000 TL011 0000014 09725081

32 PD1591 40.00 JP

CDC-114X 11/1996

PATENT
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USA Patent Appln.
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54818-US-SuS/nh

M#

Client Ref.

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT NAME(S) OF INVENTOR(S)	(1) Atsushi UMEDA	(4)
	(2) Tsutomu SHIGA	(5)
	(3)	<input type="checkbox"/> x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

DENSO CORPORATION
1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661, Japan

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF INVENTION: **LIQUID-COOLED VEHICLE ROTARY ELECTRIC MACHINE**

for which the undersigned executed an application for Letters Patent of the United States of America:

NOTE -- (Complete line A, B and/or C)

(A) even date herewith
 (B) on _____
 (C) in U.S. Appln. No. _____ filed _____

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE -- The undersigned hereby authorize(s) Pillsbury Madison & Sutro, Intellectual Property Group, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

	<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
1)	<u>Atsushi Umeda</u>	<u>Nov. 13, 2000</u>	<u>Hiroshi Ishida</u>
Name:	Atsushi UMEDA		
2)	<u>Tsutomu Shiga</u>	<u>Nov. 14, 2000</u>	<u>Hiroshi Ishida</u>
Name:	Tsutomu SHIGA		
3)	_____	_____	_____
Name:			
4)	_____	_____	_____
Name:			
5)	_____	_____	_____
Name:			

IF ADDITIONAL INVENTORS, check box and continue on page 2.