

04-06-1998

FORM PTO-1596
1-51-92



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

DOCKET NO.: 50203-092 (55) 100675371

PTO
09/04/97
03/13/98

MRD 3-13-98

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of conveying party(ies): Masanobu Horiguchi & Hideki Sekiguchi Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: <u>Unisia Jecs Corporation</u> Internal Address: _____ _____ Street Address: <u>1370 Onna, Atsugi-shi</u> _____ City: <u>Kanagawa-ken</u> State/Country: <u>JAPAN</u> ZIP: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>March 2, 1998</u>	

4. Application number(s) or patent number(s):
 If the document is being filed together with a new application, the execution date of the application is: March 2, 1998

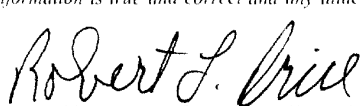
A. Patent Application No(s): _____	B. Patent No(s): _____
---------------------------------------	---------------------------

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>McDERMOTT, WILL & EMERY</u> Internal Address: _____ _____ Street Address: <u>99 Canal Center Plaza, Suite 300</u> _____ City: <u>Alexandria</u> State: <u>VA</u> ZIP: <u>22314</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41)..... \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>500417</u>
---	--

DO NOT USE THIS SPACE

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.

Robert L. Price, 22,685 Name and Registration No. of Person Signing	 Signature	<u>March 13, 1998</u> Date
--	---	-------------------------------

Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

04/02/1998 TTON11 00000109 DMM:500417 09041797
01 FC:581 40.00 CH

PATENT
REEL: 9053 FRAME: 0494

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- | | |
|-------------------------------|-----------|
| (1) <u>Masanobu Horiguchi</u> | (4) _____ |
| (2) <u>Hideki Sekiguchi</u> | (5) _____ |
| (3) _____ | (6) _____ |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

Unisia Jecs Corporation of 1370 Onna, Atsugi-shi, Kanagawa-ken, Japan

its successors and assign (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 entitled

APPARATUS AND METHOD FOR CONTROLLING SPEED CHANGE OF A VEHICLE AUTOMATIC TRANSMISSION

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or

(b) for which an application for United States Letters Patent was executed on March 2, 1998,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

<u>INVENTORS</u>	<u>DATE SIGNED</u>
1) <u>Masanobu Horiguchi</u> Name: Masanobu Horiguchi	<u>March 2, 1998</u>
2) <u>Hideki Sekiguchi</u> Name: Hideki SEKIGUCHI	<u>March 2, 1998</u>
3) _____ Name: _____	_____
4) _____ Name: _____	_____
5) _____ Name: _____	_____
6) _____ Name: _____	_____

PATENT