Commissioner of Patents and Trademarks

U.S. Department of Commerce Patent and Trademark Office

102043354

Our Ref.: 2018-539

Box Assignment, Washington, D.C. 20231	
To the Honorable Commissioner of Patents and Trademarks: Ple	ease record the attached original documents or copy thereof.
Name of conveying party(ies):     Akihiko TAKENAKA	2. Name and address of receiving party(ies):
	Name: Denso Corporation
	Internal Address:
	Street Address: 1-1, Showa-cho, Kariya-city
3.28.02	
Additional name/s of conveying party/ies attached?	
3. Nature of conveyance:	City: Aichi-pref.
Assignment Merger	State/Country: Japan
Security Assignment Change of Name Other	Zip: 448-8661
Execution Date: March 20, 2002	Additional name/s & address/es attached?  Yes  No
4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execut	tion date of the application is: March 20, 2002
A. Patent Application No(s).	B. Patent No(s).
1 (1)	(1)
(1) unknown (2) (3) 10/107/48	(2)
(3)	(3)
Additional numbers a	
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved:
concerning document should be mailed:	or rotal nations of applications of patents involved.
	7. Total fee (37 CFR 3.41) \$ 40.00
Name: Larry S. Nixon	⊠ Enclosed
	Authorized to be charged to deposit account #14-1140
Internal Address:	
	8. The Commissioner is hereby authorized to charge any
Street Address: Nixon & Vanderhye P.C.	deficiency in the fee(s) filed, or asserted to be filed, or which
1100 North Glebe Road	should have been filed herewith (or with any paper thereafter
8 <sup>th</sup> Floor	filed in this application by this firm) to our <b>Account No.</b>
City: Arlington State: VA Zip: 22201	14-1140.
DO NOT US	SE THIS SPACE
9. Statements and signature.	
To the best of my knowledge and belief, the foregoing inform	nation is true and correct and any attached copy is a true copy
of the original document.	and topy to a due copy
	CN
Larry S. Nixon	, ) . 14-you March 28, 2002
7. (2)	gnature Date
Reg. No. 25,640	
	ginal cover sheet, attachments, and document: [2]
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**PATENT** REEL: 012741 FRAME: 0694

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## **ASSIGNMENT OF U.S. PATENT APPLICATION**

	Akihiko TAKENAKA	
(Inventors)		
	In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and	
(Assignee)	hereby does assign, transfer and set over to  DENSO CORPORATION a corporation of Japan	
(Address)	1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan	
(Title)	(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as VARIABLE VALVE TIMING APPARATUS	
	for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on or has already filed U.S. application Serial No, on	
	The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.	

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date Musch 20, 2002 Signature of inventor <u>Okihiko Jakenaka</u>
Akihiko TAKENAKA

RECORDED: 03/28/2002

PATENT REEL: 012741 FRAME: 0695