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Donald R. Studebaker

Name of Person Signing

PATENT REEL: 016119 FRAME: 0281

December 22, 2004
Date

ASSIGNMENT

MUITER AC Talasti MANITURA Tamadashi VOMONURA Minom CHITAMORI		
WHEREAS, Takashi KANEHIRA, Tsunetoshi YOKOKURA, Minoru SHITAMORI		
and Megumi TOYOTA (hereinafter designated as the undersigned) has (have) invented		
certain new and useful improvements in DISPOSITION STRUCTURE OF ENGINE		
FUNCTIONAL COMPONENTS FOR VEHICLE for which an application for Letters Patent		
of the United States of America has been executed by the undersigned on,		
and;		

WHEREAS, <u>Mazda Motor Corporation</u> of <u>3-1</u>, <u>Shinchi</u>, <u>Fuchu-cho</u>, <u>Aki-gun</u>, <u>Hiroshima 730-8670</u>, <u>Japan</u> its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the 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(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

NVA307976.1

Serial No.

PATENT REEL: 016119 FRAME: 0282 The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the 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 law firm of NIXON PEABODY LLP 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 U.S. Patent and Trademark Office for recordation of this document.

In witness thereof, this Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>Nove.30.'04</u>	Signature Takashi Kanehira Name Takashi KANEHIRA
Date <i>Nove.30</i> , '04	Signature <u>Tsunetoshi</u> <u>Yokokura</u> Name Tsunetoshi YOKOKURA
Date <i>nove.30.104</i>	Signature Minaru Shitamari
Date Nove. 30. '04	Name Minoru SHITAMORI Signature Megumi Foyota
	Name Megumi TOYOTA
Date	SignatureName

This assignment should preferably be acknowledged before a United States Consul or Notary Public. If not, then the execution by the Inventor(s) should be witnessed by at least two other persons who should sign here.

Witness K. Tatsuno	Signature Kiyoski Jatsuno
Witness M. Saihi	Signature Masayuki Saihi
Witness	Signature

NVA307976.1

RECORDED: 12/22/2004

PATENT REEL: 016119 FRAME: 0283