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8/15/07			SHEET U.	S. DEPARTMEN U.S. Patent as Doci		Office
To the Honorable Cor.	10343895	i0	attached origina) c			
1. Name of conveying partis.			ad address of re	ceiving party	(ics)	
(1) Seji MIYOSHI		Name: 1	MAZDA MOTO	OR CORPOR	ATION	
(2) Hideheru IWAKUNI (3) Kuji MINOSHIMA		Street A	ddress: 3-1, \$1	inchi. Fuchu-	cho.	
(4) Hiroshi YAMADA		City: A	ki-gun.	State: Hiroshi	<u>ima</u> Zip:_	
(5) Massaki AKAMINE (6) Akihido TAKAMI	,	Country	: Japan	Postal	Code: <u>730</u>	8670
	•	Additions	l nems(s) & oddros	s(cs) attached? C	J Yes 123 W	•
Additional name(s) of conveying party	ica) attached? 🗆 Yes 🖾 No		•			
3. Nature of conveyance:	5		11 8	PTO	F	RECE
AssignmentSecurity Agreement	☐ Merger ☐ Change of Name	j		16558	CENT	RAL FA
Other				//2007	A	110 1
Execution Date(s):					A	UG 1
1" Inventor: July 5, 2007 2nd Inventor: July 5, 2007				•		
3 rd Inventor: July 5, 2007		1	•			
4th Inventor: July 5, 2007 5th Inventor: July 5, 2007		<u> </u>		•		
6th Inventor: July 5, 2007						
	/-X	•	e of the application.			1 1
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07-24-2007		
	R SHEET	U.S. DEPARTMENT OF COMMERC U.S. Patent and Trademark Offic Docket No. 740819-119
103429727	the attached orig	ginal documents or copy thereof.
2. N	ame and address	of receiving party(ies)
N	ame: MAZDA M	OTOR CORPORATION
1		

To the Honorable Cor. 1. Name of conveying parties: (1) Seji MIYOSHI (2) Hideharu IWAKUNI Street Address: 3-1, Shinchi, Fuchu-cho, (3) Koji MINOSHIMA City: Aki-gun, ___State: <u>Hiroshima</u> Zip:_ (4) Hiroshi YAMADA (5) Masaaki AKAMINE Postal Code: 730-8670 Country: Japan (6) Akihide TAKAMI Additional name(s) & address(es) attached?

Yes

No Additional name(s) of conveying party(ies) attached? ☐ Yes 🏻 No 3. Nature of conveyance: U.S. PTO ■ Assignment □ Merger 11/826558 Security Agreement ☐ Change of Name 07/17/2007 ☐ Other Execution Date(s): 1st Inventor: July 5, 2007 2nd Inventor: July 5, 2007 3rd Inventor: July 5, 2007 4th Inventor: July 5, 2007 5th Inventor: July 5, 2007 6th Inventor: July 5, 2007 Application number(s) or patent number(s); If this document is being filed together with a new application, the filing date of the application is: July 17, 2007 Patent Application No.(s) B. Patent No.(s) Additional numbers attached?

Yes

No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$40.00 Attorney Name: Donald R. Studebaker ☐ Enclosed Firm Name: Nixon Peabody LLP Authorized to be charged to deposit account Internal Address: Suite 900 8. Deposit account number: 19-2380 (740819-1196) Street Address: 401 9th Street, N.W. (Attach duplicate copy of this page if paying by geposit account) City: Washington State: D.C. DO NOT USE THIS SPACE 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. Z Donald R. Studebaker Name of Person Signing

Mail documents to be recorded with required cover sheet information to:

Total number of pages including cover sheet, attachments, and documents:

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10655777

Attorney D	cket No	

ASSIGNMENT

(have) inve	nted certain nev	kihide TAKAMI (hereinafter designated as the unders v and useful improvements in SCATALYTIC CONVERSION SYSTEM for which the undersignated as the undersignat	
(a)	filed an applica	ation for Letters Patent of the United States of America on	
		having Serial No.	; or
· (h)	executed an ar	oplication for Letters Patent of the United States of Americ	a on the date(s)
(b)	indicated below	v; and	``
• • •	indicated belov	w; and MAZDA MOTOR CORPORATION	of
• • •	indicated below		of

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 the 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 the application and 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.

PATENT REEL: 019761 FRAME: 0590 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 the Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

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 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.

This Assignment has been executed by the undersigned on the date(s) indicated.

Date:	July 5, 2007	Seiji myshi Seiji MIYOSHI
		Séiji MIYOSHI
Date:	July 5, 2007.	Mideharu Vorsleumi Hideharu IWAKUNI
•		Mineral of TANKOM
Date:	July 5. 2007.	Koji Minoshima Koji MINOSHIMA
		Köji MINOSHIMA
Date:	July 5, 2007.	Miroshi Yamada Hiroshi YAMADA
		Hiroshi YAMADA
Date:	July 5, 2007.	Masaaki Akamine Masaaki AKAMINE
		Masaaki AKAMINE
Date:	July 5, 2007	Abihide Takami Akihide TAKAMI
		Akihide TAKAMI
Date:		
Date:		
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PATENT REEL: 019761 FRAME: 0591

RECORDED: 08/15/2007