

04-22-2005



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To the Honorable Commissioner of Patents and Trade

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1. Name of Conveying party(ies) Xiaoliang WANG Takahiro MOROI Masanori SONOBE Masahiro KAWAGUCHI		2. Name and address of receiving party(ies) (1) Name: <u>KABUSHIKI KAISHA TOYOTA JIDOSHOKKI</u> Internal Address: _____ Street Address: <u>2- 1, Toyoda-cho</u> City: <u>Kariya-shi</u> State: <u>Aichi-ken</u> Country: <u>JAPAN</u>	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		(2) Name: _____ Internal Address: _____ Street Address: _____ City: _____ State: _____ Country: _____ Zip: _____	
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(s): March 1, 2005			
4. Application number(s) or patent number(s): A. Patent Application No.(s) <u>11/064,553; filed February 24, 2005</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Steven F. Meyer</u> Internal Address: <u>MORGAN & FINNEGAN, L.L.P.</u> Street Address: <u>3 World Financial Center</u> City: <u>New York</u> State: <u>New York</u> Zip: <u>10281-2101</u>		6. Total number of applications and patents involved: <u>1</u>	
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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.			
<u>Steven F. Meyer (Reg No. 35,613)</u> Name of Person Signing		<u>Steven F. Meyer</u> Signature	
		<u>April 13, 2005</u> Date	
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(40.00 DP)

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PATENT
 REEL: 016502 FRAME: 0588

ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned inventor(s) hereby:

1) Sell(s), assign(s) and transfer(s) to

KABUSHIKI KAISHA TOYOTA JIDOSHOKKI

(hereinafter referred to as "ASSIGNEE"), which has a business office at

2-1, Toyoda-cho, Kariya-shi, Aichi-ken, Japan,

the entire right, title, and interest in any and all inventions and improvements disclosed in, application(s) based upon, and Patent(s) granted upon the information which is disclosed in the application entitled:

VEHICLE EXHAUST HEAT RECOVERY SYSTEM

(File No. _____) for which I(we) have executed an application for a United States Letters Patent on March 1, 2005.
(Application Serial No. _____ filed on _____.)

2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application, or any division, continuation, substitute or reissue thereof, to the ASSIGNEE.

3) Agree to execute all papers and documents and perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof and/or the enforcement of patents resulting from such applications.

Signed on the date(s) indicated beside my(our) signature(s).

1) Xiaoliang Wang Date: March 1, 2005
Name: Xiaoliang WANG

2) Takahiro MOROI Date: March 1, 2005
Name: Takahiro MOROI

3) Masanori SONOBE Date: March 1, 2005
Name: Masanori SONOBE

4) Masahiro KAWAGUCHI Date: March 1, 2005
Name: Masahiro KAWAGUCHI

Witness: Takeshi Umemoto Date: March 1, 2005

Witness: Shinichi Tani Date: March 1, 2005