

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

|  |                          |
|--|--------------------------|
| SUBMISSION TYPE:   | NEW ASSIGNMENT           |
| NATURE OF CONVEYANCE:  | ASSIGNMENT               |
| <b>CONVEYING PARTY DATA</b>  |                          |
| Name   | Execution Date           |
| Atsushi Nakano   | 09/26/2011               |
| Shigeki Mizuno   | 09/26/2011               |
| Shigeji Matsumoto  | 09/26/2011               |
| Hiroshi Sekine   | 09/26/2011               |
| Suguru Matsui  | 09/26/2011               |
| <b>RECEIVING PARTY DATA</b>  |                          |
| Name:  | Cataler Corporation      |
| Street Address:  | 7800, Chihama            |
| City:  | Kakegawa-shi, Shizuoka   |
| State/Country:   | JAPAN                    |
| Postal Code:   | 437-1492                 |
| <b>PROPERTY NUMBERS Total: 1</b>   |                          |
| Property Type  | Number                   |
| Application Number:  | 13251761                 |
| <b>CORRESPONDENCE DATA</b>   |                          |
| Fax Number:  | (212)391-0525            |
| Phone:   | 212-278-0400             |
| Email:   | jwhite@cooperdunham.com  |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>                      |                          |
| Correspondent Name:  | Cooper & Dunham LLP      |
| Address Line 1:  | 30 Rockefeller Plaza     |
| Address Line 4:  | New York, NEW YORK 10112 |
| ATTORNEY DOCKET NUMBER:  | 2562/83377               |
| NAME OF SUBMITTER:   | Adam Krol                |
| Total Attachments: 2<br>source=111004_2562_83377_Assignment_GC_Page_1#page1.tif<br>source=111004_2562_83377_Assignment_GC_Page_2#page1.tif |                          |

CH \$40.00 13251761

501681071

**PATENT**  
**REEL: 027014 FRAME: 0455**

## ASSIGNMENT

In consideration of value received, I, having a mailing address at  
c/o CATALER CORPORATION, 7800, Chihama, Kakegawa-shi, Shizuoka 437-1492  
Japan, and a residence as stated below next to my name, the sole inventor (if only  
one name is listed below) or a joint inventor (if plural inventors are listed below) of  
an invention described in an application for United States patent entitled:

### METHOD AND APPARATUS OF MANUFACTURING EXHAUST GAS-PURIFYING CATALYST AND NOZZLE USED THEREFOR

said application having been filed on October 3, 2011  
and assigned Application No. 13/251,761 ;  
sell and assign to  
CATALER CORPORATION  
a corporation of Japan, having a business address at  
7800, Chihama, Kakegawa-shi, Shizuoka 437-1492 Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire  
right, title and interest in and to said invention as disclosed, shown and described  
in said application for United States patent : (check one)


☒ [X] executed concurrently herewith;  
☐ [ ] executed separately herefrom;

and in and to all applications for patent and patents for said invention including all  
divisions, reissues, continuations, substitutions and extensions thereof and all  
rights arising under or pursuant to any and all international agreements, treaties  
or laws relating to the protection of industrial property, including rights of priority,  
resulting from the filing of any of said applications; and I authorize and request  
any official whose duty is to issue patents, to issue any patent on said invention or  
resulting therefrom to said Assignee, and I agree that on request and without  
further consideration, but at the expense of said Assignee, I will communicate to  
said Assignee or its representatives all facts known to me respecting said invention  
and testify in any legal proceeding, sign all lawful papers, execute all divisional,  
continuing, reissue or other applications, make all rightful oaths and declarations,  
and generally do everything possible to aid said Assignee to obtain and enforce  
proper patent protection for said invention in all countries.

I hereby grant the following law firm 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.

Cooper & Dunham LLP, 30 Rockefeller Plaza New York, New York 10112

## A S S I G N M E N T

| <u>Inventor: (Signature)</u>  | <u>Date</u>        | <u>Residence</u>           |
|---|--------------------|----------------------------|
| <u>Atsushi Nakano</u><br>Atsushi Nakano   | <u>2011. 9. 26</u> | <u>Kakegawa-shi, Japan</u> |
| <u>Shigeki Mizuno</u><br>Shigeki Mizuno   | <u>2011. 9. 26</u> | <u>Kakegawa-shi, Japan</u> |
| <u></u><br>Shigeji Matsumoto | <u>2011. 9. 26</u> | <u>Kakegawa-shi, Japan</u> |
| <u>Hiroshi Sekine</u><br>Hiroshi Sekine   | <u>2011. 9. 26</u> | <u>Kakegawa-shi, Japan</u> |
| <u>Suguru Matsui</u><br>Suguru Matsui   | <u>2011. 9. 26</u> | <u>Kakegawa-shi, Japan</u> |