PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takashi KATOU	07/18/2013
Hiroyuki TOMIOKA	07/19/2013
Boku ITOU	07/19/2013

RECEIVING PARTY DATA

Name:	KOMATSU LTD.
Street Address:	3-6, Akasaka
Internal Address:	Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	107-8414

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14000481	

CORRESPONDENCE DATA

Fax Number: 2123195101

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2123194900

Email: rlevinsohn@hhpatent.com

Correspondent Name: Holtz, Holtz, Goodman & Chick PC

Address Line 1: 220 Fifth Avenue Address Line 2: 16th Floor

Address Line 4: New York, NEW YORK 10001

ATTORNEY DOCKET NUMBER:	13594
NAME OF SUBMITTER:	Ryan Levinsohn
Signature:	/Ryan Levinsohn/

502471941 REEL: 031084 FRAME: 0112

OP \$40,00 14000481

Date:	08/26/2013	
This document serves as an Oath/Declaration (37 CFR 1.63).		
Total Attachments: 3 source=13594_Declaration_Assignment#page1.tif source=13594_Declaration_Assignment#page2.tif source=13594_Declaration_Assignment#page3.tif		

PATENT REEL: 031084 FRAME: 0113

Combined Declaration and Assignment

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REDUCTANT AQUEOUS SOLUTION MIXING DEVICE AND EXHAUST AFTERTREATMENT DEVICE PROVIDED WITH THE SAME

As the below named inventor, I hereby declare that:

This declaration

[] The attached application, or

is directed to:

[X] United States application or PCT international application number PCT/JP2013/050809 filed on January 17, 2013_.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

In consideration of value received, I sell and assign to KOMATSU LTD., having a business address at 2-3-6, Akasaka, Minato-ku, Tokyo 107-8414, Japan, its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention, and in and to all applications for patent and patents for said invention, in all countries of the world, 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 intellectual property, including rights of priority, resulting from the filling of any of said applications.

I authorize said Assignee to file and prosecute an application or applications for patent for said invention as the applicant, and I request any official whose duty it is to issue patents, to issue any patent on said invention to said Assignee.

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 acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR

Takashi KATOU	加萨隆尼	7. 18. 2013
Inventor (printed name)	Signature	Date

Holtz, Holtz, Goodman & Chick PC

220 Fifth Avenue, 16th Floor, New York, NY 10001-7708 Tel. (212) 319-4900 Fax. (212) 319-5101

PATENT REEL: 031084 FRAME: 0114

Combined Declaration and Assignment

Title of Invention	REDUCTANT AQUEOUS SOLUTION MIXING DEVICE AND EXHAUST AFTERTREATMENT DEVICE PROVIDED WITH THE SAME			
As the below	v named inventor, I hereby declare that:			
This declara				
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	[X] United States application or PCT international application number <u>PCT/JP2013/050809</u> filed on <u>January 17, 2013</u> .			
The above-i	dentified application was made or authorized to be made by me.			
I believe tha application.	t I am the original inventor or an original joint inventor of a claimed invention in the			
In consideration of value received, I sell and assign to <u>KOMATSU LTD.</u> , having a business address at <u>2-3-6, Akasaka, Minato-ku, Tokyo 107-8414, Japan</u> , its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention, and in and to all applications for patent and patents for said invention, in all countries of the world, 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 intellectual property, including rights of priority, resulting from the filling of any of said applications.				
I authorize said Assignee to file and prosecute an application or applications for patent for said invention as the applicant, and I request any official whose duty it is to issue patents, to issue any patent on said invention to said Assignee.				
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.				
hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.				

LEGAL NAME OF INVENTOR

> Holtz, Holtz, Goodman & Chick PC 220 Fifth Avenue, 16th Floor, New York, NY 10001-7708 Tel. (212) 319-4900 Fax. (212) 319-5101

> > PATENT REEL: 031084 FRAME: 0115

Combined Declaration and Assignment

Ti	tle	of	
ln	vei	ntic)

REDUCTANT AQUEOUS SOLUTION MIXING DEVICE AND EXHAUST AFTERTREATMENT DEVICE PROVIDED WITH THE SAME

As the below named inventor, I hereby declare that:

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[] The attached application, or

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[X] United States application or PCT international application number PCT/JP2013/050809 filed on January 17, 2013

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LEGAL NAME OF INVENTOR

Boku ITOU		原東 木	1,19,2013	
	Inventor (printed name)	Signature	Date	

Holtz, Holtz, Goodman & Chick PC

220 Fifth Avenue, 16th Floor, New York, NY 10001-7708 Tel. (212) 319-4900 Fax. (212) 319-5101

> **PATENT** REEL: 031084 FRAME: 0116

RECORDED: 08/26/2013