(Rev. 03/01) OMB No. 0651-002	Docket No. 81829.0046 EET U.S. DEPARTMENT OF COMMER U.S. Patent and Trademark Off		
	61864 ▼ ▼		
To the Honorable Commissioner of Patents and Tradema	arks: Please Record the attached original documents or copy thereof.		
Name of conveying party(ies):	2. Name and address of receiving party(ies)		
(1) Keshavaraja Alive	Name: Catalytic Solutions, Inc.		
(2) Anne-Laure Baudoux (3) Stephen J. Golden	Street Address: 1640 Fiske Place		
(4) Svetlana Iretskaya	City: Oxnard State: CA Zip: 93033		
Additional name of conveying party(ies) attached? Yes X			
Nature of conveyance:			
	Additional Name(s) & addresses attached? ☐ Yes ☒ No		
☐ Security Agreement ☐ Change of Name			
☐ Other			
Execution Date: January 4, 2006, January 5, 2006, and January 10, 2006			
4. Application number(s) or patent number(s): If this document is being filed together with a new application Serial No. 11/251,372	cation, the execution data of the application is: B. Patent No.(s)		
4. Application number(s) or patent number(s): If this document is being filed together with a new application Serial No. 11/251,372 Additional number Additional number	B. Patent No.(s) s attached? Yes No		
4. Application number(s) or patent number(s): If this document is being filed together with a new application A. Patent Application Serial No. 11/251,372 Additional number 5. Name and address of party to whom correspondence concerning this document should be mailed:	B. Patent No.(s)		
4. Application number(s) or patent number(s): If this document is being filed together with a new application Serial No. 11/251,372 Additional number 5. Name and address of party to whom correspondence	B. Patent No.(s) s attached? Yes No		
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4. Application number(s) or patent number(s): If this document is being filed together with a new application A. Patent Application Serial No. 11/251,372 Additional number 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Wei-Ning Yang	B. Patent No.(s) s attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$ 40.00		
4. Application number(s) or patent number(s): If this document is being filed together with a new application Serial No. 11/251,372 Additional number 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Wei-Ning Yang Internal Address: Hogan & Hartson L.L.P.	B. Patent No.(s) s attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$ 40.00 Enclosed		
4. Application number(s) or patent number(s): If this document is being filed together with a new application Serial No. 11/251,372 Additional number 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Wei-Ning Yang Internal Address: Hogan & Hartson L.L.P. Street Address: Biltmore Tower	B. Patent No.(s) s attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$ 40.00 Enclosed Authorized to be charged to deposit account		
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4. Application number(s) or patent number(s): If this document is being filed together with a new application Serial No. 11/251,372 Additional number 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Wei-Ning Yang Internal Address: Hogan & Hartson L.L.P. Street Address: Biltmore Tower _500 South Grand Avenue, Suite 1900 City: Los Angeles State: CA Zip: 90071	B. Patent No.(s) s attached? Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$ 40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 50-1314 (Attach duplicate copy of this page if paying by deposit account		
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PATENT REEL: 017484 FRAME: 0696

Attorney Dockel No. 81829.0046

ASSIGNMEN'I

(1-8)	Insert Namo(s) of Inventor(Keshavaraje Alive	(5)	
		(2)	Anne-Laure Baudoux	(6)	
		(3)	Stephen J Golden	(7)	
		(4)	Svetlana Iretskaya	(8)	
			considerations paid to e	im of one dollar (\$1.00) and other good and valua acts of the undersigned, the undersigned agree(s) assign, transfer and set over to	ble to
(9)	Insert name of Assignee	(១)	Catalytic Solutions, Inc.		
(10)	insert state of incorporation Assigned	of (10)	California		
(11)	insert address of Assignoo	(11)	of 1640 Fiske Place, Oxn (hereinafter designated a interest in the invention k	s the Assignee) the entire worldwide right, title and	
(12)	Insert Identification of Irrer such as Tille, Case Numbe Foreign Application Numbe	ror	PARTICULATE FILTER, 11/251,372 for which the	TAL-FREE CATALYSTS FOR REDUCING THE RE OF PARTICULATES ON A DIESEL filed on October 14, 2005, and assigned Serial No. undersigned has executed an application for patent rico. and all patent applications in foreign countries based thereon.	: In
(13)	Insert Date of Signing of Application	(13)	on <u>61.110/7006</u>		
declar possii conno Unite Pater said / inters	nuing United States and fora mection with such application. 2) The undersigned agreed concerning this applicable in obtaining evidence and agreed and the involvation of the undersigned agreed with claims or provision. 4) The undersigned agreed States patent to the Assigned States patent to the Assigned States results of the United	ign applications as the Assauce(s) to exition or continuity going forwards of the Interpretation from sales entire interpretation (they appoints	ins for the above-identified igneed may deem necessary deem necessary that it is necessary to the interference. It is necessary that it is necessary to the interference of the interf	ry in connection with any interference which may of and to cooperate with the Assignee in every water and perform any act which may be necessary to receive a similar agreement which may be necessary to obtain a grant of a value of the control of Patents to issue any and all Lettern or divisions or continuing applications thereof to the that he has (they have) full right to convey the entity greement in conflict herewith.	bey in is.
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Date:		gnature of In			
Detc:	01/10/2006 s	ignature of In	ventor BOULDE	<u> </u>	_
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Attorney Docket No. 81829.0046

ASSIGNMENT

CATALYTIC SOLUTIONS

(1-8)	Insert Name(s) of Inventor	(s) (1)	Keshavaraja Alive	(5)	
		(2)	Anne-Laure Baudoux	(6)	
		(3)	Stephen J. Golden	(7)	
		(4)	Svetlaria Iretskaya	(8)	
			considerations paid to ea	m of one dollar (\$1.00) and other goo ch of the undersigned, the undersign ssign, transfer and set over to	
(9)	Insert name of Assignee	(9)	Catalytic Solutions, Inc.		
(10)	Insert state of Incorporation Assignee	n of (10)	California		
(11)	Insert address of Assigned	(11)	of 1640 Fiske Place, Oxno (hereinafter designated as interest in the invention kr	the Assignee) the entire worldwide rigi	ht, title and
(12)	Insert identification of Inversion as Title, Gase Number Foreign Application Number	er or	PARTICULATE FILTER, 1 11/251,372 for which the	AL-FREE CATALYSTS FOR REDUCIN E OF PARTICULATES ON A DIESEL iled on October 14, 2005, and assigned indersigned has executed an application ica and all patent applications in foreign passed thereon.	d Serial No. on for patent in
(13)	Insert Date of Signing of Application	(13)	on		
decia possi conn Unite Patei sold	ared concerning this application in obtaining evidence and application with claims or provision 4). The undersigned and States patent to the Assigned by the United States results of the United States results and the set herein assigned, and the	gree(s) to ex- ition or conti- id going forward gree(s) to exe one of the Inte gree(s) to pe nee. Breby authori liting from sau- ic entire inten- t he has (they	ecute all papers necessar nuation or division thereo- ard with such interference. Incute all papers and docum imational Convention for P orform all affirmative acts versions.	y in connection with any interference and to cooperate with the Assignee ents and perform any act which may be necessary to obtain a grown in or divisions or continuing applications that he has (they have) full right to corpreement in conflict herewith.	e necessary in a spreaments. Trant of a valid and all Letters thereof to the
	ules of the United States Pai		emark Office for recordatio	ay be necessary or desirable in order of this document.	to comply with
Date	TEN	Signature of Ir	07/	dole	
Date	:	ignature of ir	nventor		
Date	:	Signature of in	entor:		• •••

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Attorney Docket No. 81829.0046

ASSIGNMENT

(1-8)	insert Name(s) of Inversion		Kcahavaraja Alive	(5)	
		(2)	Anno-Laure Baudoux	(6)	
		(3)	Stephen J. Golden	<u>m</u>	
		(4)	Svetiana Iretskaya	(8)	
			considerations paid to e	um of one dollar (\$1.00) and of ach of the undersigned, the ur assign, transfer and sat over to	
(9)	Insert name of Assignee	(9)	Catalytic Solutions, Inc.		
(10)	insert state of incorporation Assignee	n of (10)	California		
(11)	Insert address of Assigned	(11)	of 1640 Fiske Place, Oxn (hereinafter designated a interest in the invention k	s the Assignee) the writine world	wide right, title and
(12)	insert Identification of Inve- such as Tilla, Case Numbe Foreign Application Numbe	er or	IGNITION TEMPERATUR PARTICULATE FILTER, 11/251,372 for which the	AL-FREE CATALYSTS FOR RE RE OF PARTICULATES ON A D filed on October 14, 2005, and a undersigned has executed an a rice and all patent applications based thereon.	NESEL suigned Seriel No. polication for patent in
(13)	Insert Date of Signing of Application	(13)	on		
conne	ble in obtaining evidence an 3) The undereigned ag action with claims or provision	d going forwa gree(s) to exe ons of the Info gree(s) to pa	ard with such interference. cute all papers and documentational Convention for F	of and to cooperate with the Air nents and perform any act which trotection of industrial Property of which may be necessary to obt	may be necessary in or similar agreements.
said /	its of the United States resu Assignee, as Assignee of th	lting from sai e entire inter	d application or any divisions, and hereby covenants	Commissioner of Patents to issue on or divisions or continuing applithat he has (they have) full right greement in conflict herewith.	ications thereof to the
	6) The undersigned he	ersby appoint	the persons associated v	vith Customer Number: 000026021	
the po the ru	ower to insert on this assigniles of the United States Pat	nment eny fui ent and Trad	www.dr. Office for recordation	nay be necessary or desirable in of this document.	order to comply with
Date:	01.05-2006 s	ignature of In	ventor_Chestar	77.	
Date:	s	ignature of in	ventor		
Date:	s	ignature of in	ventor		
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