OMB No. 0651-0027 (exp. 01/31/2009)	ronn	PIL.	J-1 3 Y 3	(Kev.	12/00	"	
	OMB	No.	0651-	0027	(exp.	01/31/2009)

U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

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1. Name of conveying party(ies)	2. Name and address of receiving party(les)					
	Name: Bosch Corporation					
Eiichi KITAZAWA	Internal Address:					
Additional name(s) of conveying party(ies) attached? 🔲 Yes 🔯 No	Street Address: 6-7, Shibuya 3-chome, Shibuya-ku, Tokyo 150-8360, Japan					
3. Nature of conveyance/Execution Date(s):						
Execution Date(s) 03/10/2009	10ky0 150-6500, Japan					
🛚 Assignment 🔲 Merger	City:					
☐ Security Agreement ☐ Change of Name	State:					
☐ Joint Research Agreement ☐ Government Interest Assignment	Country:Zip:					
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☐ Other	Additional name(s) & address(es) attached? 🔲 Yes 🗵 No					
4. Application or patent number(s):						
A. Patent Application No.(s)	B. Patent No.(s)					
12/523,752						
	'					
Additional numbers att						
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:					
Name: Ronald E. Greigg	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00					
Internal Address: Greigg & Greigg P.L.L.C.						
Street Address: 1423 Powhatan Street	None required (government Interest not affecting title)					
Unit One	8. Payment Information					
City: Alexandria						
State: Virginia Zip: 22314						
Phone Number: (703) 838-5500						
Fax Number: (703) 838-5554	Deposit Account Number 07-2100					
Email Address:	Authorized User Name Ronald E. Greigg					
9. Signature:	14 OCTOBER 2009					
Signature	Date					
RONALD E. GREIGG	Total number of pages including cover sheet, attachments, and documents:					
Name of Person Signing						

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT REEL: 023374 FRAME: 0839

	Assignment of Rights, Title and Interest in Invention Docket No. (Multiple inventors; single assignee) 09:25					
This is an A	ssignment of the following rights, title	and interest: (check all that apply):				
· 🔀	United States of America rights, title	and interest in the invention	•			
	Foreign rights, title and interest in the					
X	United States Patent Application Ser	ial No. 12/523,752				
	Date of Execution: 03/10/	At annihilated a contract of the second of t	 09			
. 🗖	United States Provisional Patent App	olication Serial No.				
. 🗖	United States Patent No(s).	Notice that the state of the st				
. 🗖	International (PCT) Patent Applicat	ion Serial No.				
	Other (specify)					
	and the distribution of the date of 1986	447 Parlam 1991 (Aug. 1991 1986 (Vandralina 1994) (Aug. 1994)	·			
Title of the 1	Invention					
	CLOGGING DETERMINING DEVICE	FOR REDUCING AGENT INJECTION VAL	VE AND CLOGGING			
	DETERMINING METHOD	FOR REDUCING AGENT INJECTION VAL	ve I			
Inventors (a	ssignors)					
	Name	Address				
Elichi KITA	AZAWA	c/o Bosch Corporation, 3-13-26, Yakyu-ch	no, Higashimatsuyama-shi,			
		Saitama 355-8603, JAPAN				
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	• • volume radius of Pff					
	ad W ^o l					
<u> </u>						
Assignee						
Name		Address				
Bosch Cor	poration	6-7,Shibuya 3-chome, Shibuya-ku, Tokyo	150-8360, Japan			
<u> </u>		IPage I of 1	AS03A/REV02			

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No.

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified putent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filting divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesald Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date		
Eiichi KITAZAWA	Eichi Hitazawa 10.3.2009		
41			

Page 2 of 2]

PATENT REEL: 023374 FRAME: 0841

RECORDED: 10/14/2009