

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Togo GONOE	03/12/2007
RECEIVING PARTY DATA	
Name:	Mitsuboshi Diamond Industrial Co., Ltd.
Street Address:	2-12-12, Minami-Kaneden
City:	Suita-city, Osaka
State/Country:	JAPAN
Postal Code:	564-0044
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11575589
CORRESPONDENCE DATA	
Fax Number:	(703)312-6666
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	703-312-6600
Email:	amathis@antonelli.com
Correspondent Name:	Antonelli, Terry, Stout & Kraus
Address Line 1:	1300 North 17th Street
Address Line 2:	Suite 1800
Address Line 4:	Arlington, VIRGINIA 22209
ATTORNEY DOCKET NUMBER:	1343.47325X00
NAME OF SUBMITTER:	Alan E. Schiavelli
Total Attachments: 2 source=47325x00pto1595#page1.tif source=47325x00asgn#page1.tif	

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RECORDATION FORM COVER SHEET
PATENTS ONLY

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

Attorney Docket No. 1343.47325X00

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Togo GONOE Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: Mitsuboshi Diamond Industrial Co., Ltd Street Address: 2-12-12, Minami-Kaneden, Suita-city, Osaka 564-0044 Japan City: State: Zip: Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
3. Nature of conveyance/ Execution Date: March 12, 2007. <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other .									
4. Application number(s) or patent number(s): A. Patent Application No.(s) 11/575,589 Additional number(s) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> This document is being filed together with a new application. B. Patent Registration No.(s)							
5. Name and address of party to whom correspondence concerning document should be mailed: Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Internal Address: 1300 NORTH 17TH STREET – SUITE 1800 City: ARLINGTON State: VA Zip 22209 Phone Number: (703) 312-6600 Facsimile Number: (703) 312-6666 Email Address: email@antonelli.com		6. Total number of applications and patents involved 1 7. Total fee (37 CFR 3.41)..... \$40.00 <input checked="" type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information: a. Credit Card Last 4 numbers: 1032 Expiration date: 06/10 b. Deposit account number: 01-2135 Authorized User Name: Ronald J. Shore							
DO NOT USE THIS SPACE									
9. Statement and signature. <i>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.</i> <table><tr><td>Alan E. Schiavelli, Reg#32,087</td><td>/Alan E. Schiavelli/</td><td>03/29/2007</td></tr><tr><td>_____ Name of Person Signing</td><td>_____ Signature</td><td>_____ Date</td></tr></table> Total number of pages including cover sheet, attachments, and document: 2				Alan E. Schiavelli, Reg#32,087	/Alan E. Schiavelli/	03/29/2007	_____ Name of Person Signing	_____ Signature	_____ Date
Alan E. Schiavelli, Reg#32,087	/Alan E. Schiavelli/	03/29/2007							
_____ Name of Person Signing	_____ Signature	_____ Date							

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

ASSIGNMENT				ATTY. DOCKET NO.:
<p>WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to</p>				
<h2 style="margin: 0;">METHOD AND APPARATUS FOR FORMING CRACKS</h2>				
<input checked="" type="checkbox"/>	for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.			
<input checked="" type="checkbox"/>	for which U.S. Application Serial No.		for Letters Patent was filed in the U.S. Patent and Trademark Office on	
<input checked="" type="checkbox"/>	for which an International Application was filed on	October 25, 2005	as	PCT/JP2005/019533, designating the United States.
<p>AND WHEREAS</p> <p style="margin-left: 150px;">Mitsuboshi Diamond Industrial Co., Ltd., Japanese company, of: 2-12-12, Minami-Kaneden, Suita-city, Osaka 564-0044 JAPAN</p>				
<p>hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.</p> <p>NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.</p> <p>AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.</p> <p>AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.</p> <p>The undersigned hereby grant(s) the law firm of Antonelli, Terry, Stout, & Kraus, LLP 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 United States Patent and Trademark Office for recordation of this document.</p>				
<p>IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.</p>				
201	FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE	
	Togo GONOE	<i>Togo GONOE</i>	2007/3/12	
202	FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE	
203	FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE	
204	FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE	
205	FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE	
206	FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE	

PATENT

RECORDED: 03/29/2007

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