Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takero FUKUDOME	04/01/2008
Shuichi TATENO	04/01/2008
Hiroshi YOSHIMITSU	04/01/2008
Takashi WATANABE	04/01/2008
Tatsuyuki NAKAOKA	04/01/2008

RECEIVING PARTY DATA

Name:		KYOCERA CORPORATION	
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City:		Kyoto	
State/Count	y:	JAPAN	
Postal Code	•	612-8501	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12071502

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ATTORNEY DOCKET NUMBER:	5529-0108PUS1
NAME OF SUBMITTER:	Mark J. Nuell

PATENT 500546304 REEL: 020981 FRAME: 0321

Total Attachments: 4 source=20080521Assignment#page1.tif source=20080521Assignment#page2.tif source=20080521Assignment#page3.tif source=20080521Assignment#page4.tif

> PATENT REEL: 020981 FRAME: 0322

RECORDATION FORM COVER SHEET			
PATENTS ONLY			
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.			
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)		
Takero FUKUDOME (04/01/2008), Shuichi TATENO (04/01/2008), Hiroshi YOSHIMITSU	Name: KYOCERA CORPORATION		
(04/01/2008), Throstil Tostillivit 30	Internal Address:		
Additional name(s) of conveying party(ies) attached? X Yes No	Street Address:		
3. Nature of conveyance/Execution Date(s):	Corporate Legal & Intellectual Property Group 6 Takeda Tobadono-cho, Fushimi-ku Kyoto		
Execution Date(s): in parentheses after inventor name			
X Assignment Merger Change of Name	612-8501 JAPAN		
Security Agreement Joint Research Agreement	City:		
Government Interest Assignment	State:		
Executive Order 9424, Confirmatory License	Country: Zip:		
Other	Additional name(s) & address(es) Yes X No attached:		
4. Application or patent number(s): A. Patent Application No.(s) 12/071,502 Additional numbers attached?	This document is being filed together with a new application. B. Patent No.(s) Yes X No		
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:		
Name: Mark J. Nuell BIRCH, STEWART, KOLASCH & BIRCH, LLP Internal Address: Atty. Dkt.: 5529-0108PUS1 Street Address: 12770 High Bluff Drive Suite 260	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)		
City: San Diego	8. Payment Information		
State: CA Zip: 92130	a. Credit Card Last 4 Numbers		
Phone Number: (858) 356-5959	Expiration Date		
Fax Number: (858) 792-3785	b. Deposit Account Number 02-2448		
Email Address: mailroom@bskb.com	Authorized User Name Mark J. Nuell		
9. Signature:	May 21, 2008		
Signature	Date		
Mark J. Nuell - 36,623	Total number of pages including cover 4		
Name of Person Signing	sheet, attachments, and documents:		

Form PTO-1595	RECOR	RDATION FORM COVER SHEET (continued)	
Additional Conve	ying Party(ies)/Exec	cution Date(s) (1. Continued):	
Tatsuyuki Nakaoka (04/01/2008), and Takas	shi WATANABE (04/01/2008)	
Additional Assign	ees (2. Continued):		
Internal Address: Street Address:			
City:	State:	Country:	Zip:
Assignee Name:	W		
Internal Address:			
Street Address:			
City:	State:	Country:	Zip:
Assignee Name			
Internal Address:			
Street Address:			
City:	State:	Country:	Zip:
The state of the s	ations and/or Patents		·
Additional Patent Application 4A. Continued:		Additional Patent Numbers 4B. Continued:	
	Additional numbers	attached? Yes No	

Docket No.: 5529-0108PUS1

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application No.	12/071,502	Filed	February 21, 2008
Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))*** WHEREAS, Takero FUKUDOME; Shuichi TATENO; Hiroshi YOSHIMITSU; Takashi WATANABE and Tatsuyuki NAKAOKA (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in:		
Insert Title of Invention	AND CUTTING METHOD	s Patent of the United	States of America has been executed by the
Insert Date of Signing of Application Insert Name of Assignee Insert Address of Assignee CHECK BOX IF APPROPRIATE	8501, JAPAN its heirs, successors, legal represe	Property Group, 6 Take entatives and assigns (I t, title and interest in an	da Tobadono-cho, Fushimi-ku, Kyoto, 612- hereinafter designated as the Assignee) is id to said invention and in and to any Letters f America and
II ATTROFAIATE	paid, the receipt of which is herel undersigned has (have) sold, assig transfer unto said Assignee the ful America, its territories, dependenci any and all Letters Patent(s) which	by acknowledged, and of ned and transferred, are and exclusive right to es and possessions and the may be granted ther	Dollars (\$10.00) to the undersigned in hand other good and valuable consideration, the nd by these presents does sell, assign and the said invention in the United States of the entire right, title and interest in and to refor in the United States of America, its above is designated, in any and all foreign

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full

term or terms for which the same may be granted.

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

CUSTOMER NO. 02292; (BIRCH, STEWART, KOLASCH & BIRCH, LLP)

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE
YOU MUST
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THE
FOLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1	application or any patent issued thereon.		•		
Full Name of First or Sole Inventor: Insert Name of Inventor Insert Date This	GIVEN NAME/FAMILY NAME Takero FUKUIXOME	INVENTORS SIGNATURE Jake 20 Fukudo	me April/1/2008		
Document is Signed Insert Residence Insert Citizenship	Residence (City, State & Country) Kagoshima, Japan		CITIZENSHIP		
Inseri Post Office Address →	MAILING ADDRESS (Complete Street Address including City, State & Country) → 1-4 Kokubuyamasita-cho, Kirisima; Kagoshima; 899-4396; JAPAN				
Full Name of Second Inventor, if any: see above	GIVEN NAME/FAMILY NAME Shuichi TATENO	Shuichi Tateno	DATE* April/1/2008		
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	MAILING ADDRESS (Complete Street Addre 1-4 Kokubuyamasita-cho, Kirisima; Kagoshim	ss including City, State & Country) a; 899-4396; JAPAN			
Full Name of Third Inventor, if any: ace above	GIVEN NAME/FAMILY NAME Hiroshi YOSHIMITSU	INVENTOR'S SIGNATURE Hivoshi Yoshimits	DATE* April / 1/2008		
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	MAILING ADDRESS (Complete Street Addres 1-4 Kokubuyamasita-cho, Kirisima; Kagoshima	ss including City, State & Country) a; 899-4396; JAPAN			
Full Name of Fourth Inventor, if any: see above	GIVEN NAME/FAMILY NAME Takashi WATANABE	INVENTOR'S SIGNATURE Taka shi Watanabe	DATE* April/1/2008		
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Full Name of Fifth Inventor, if any: see above	GIVEN NAME/FAMILY NAME Tatsuyuki NAKAOKA	INVENTOR'S SIGNATURE Tatsuyuki Naka oko	a April / Apro		
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full Name of Sixth Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*		
	Residence (City, State & Country)		CITIZENSHIP		
	MAILING ADDRESS (Complete Street Address	including City, State & Country)			
L					

*DATE OF SIGNATURE

(Rev. 05/2004)

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DRN/kpc

PATENT REEL: 020981 FRAME: 0326

RECORDED: 05/21/2008