PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takuya SHIMADA	11/27/2009
Shinobu SUGIMURA	11/27/2009
Yoshiyuki KAMATA	11/27/2009
Masatoshi SAKURAI	12/02/2009

RECEIVING PARTY DATA

Name:	Kabushiki Kaisha Toshiba	
Street Address:	1-1, Shibaura 1-chome, Minato-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	105-8001	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12641135	

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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

Phone: 9497600404

Email: efiling@kmob.com

Correspondent Name: Knobbe Martens Olson & Bear LLP
Address Line 1: 2040 Main Street, 14th Floor
Address Line 4: Irvine, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER: SUTOSH.512AUS

NAME OF SUBMITTER: Bridget Smith

Total Attachments: 2

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PATENT 501045007 REEL: 023672 FRAME: 0676

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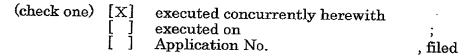
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PATENT REEL: 023672 FRAME: 0677 In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

STAMPER MANUFACTURING METHOD

have sold and assigned and do hereby sell and assign to KABUSHIKI KAISHA TOSHIBA a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:



and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and 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 proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, 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.

I hereby grant the following law firm 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 U.S. Patent and Trademark Office for recordation of this document.

Mr. Irfan Lateef, Knobbe, Martens, Olson & Bear LLP, 2040 Main Street, 14th Floor, Irvine, ${\rm CA}\,92614$

PATENT REEL: 023672 FRAME: 0678

ASSIGNMENT

3VG049365-USA-A (09S0127-1)

Residence Address: Yo Mailing Address: c/o I Minato-ku, Tokyo 105 Citizenship: Japan	ntellectual Property Division.	Toshiba Corporation, 1-1, Shibaura 1-chome,
Takuya Takuya Shimada	Shimada	hovember 27, 2009 Date:
Takuya Shimada		Date:
[2nd Inventor] Residence Address: Yo Mailing Address: c/o In Minato-ku, Tokyo 105- Citizenship: Japan	ntellectual Property Division.	Toshiba Corporation, 1-1, Shibaura 1-chome,
Shinolru Shinobu Sugimura	Lugimura	nov. 27, 2009
Similang naomina		Date:
[3rd Inventor] Residence Address: Tol Mailing Address: c/o In Minato-ku, Tokyo 105-3 Citizenship: Japan	itellectual Property Division, T	foshiba Corporation, 1-1, Shibaura 1-chome,
Yoshiyuki Kamata	Kenneton	Nov. 27. 2009
[4th Inventor] Residence Address: Tok	yo, Japan tellectual Property Division. To	Date: Oshiba Corporation, 1-1, Shibaura 1-chome,
Masetoshi Sa	akurai	Dec. 2.2009
Masatoshi Sakurai		Date:

PATENT REEL: 023672 FRAME: 0679

RECORDED: 12/17/2009