## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### CONVEYING PARTY DATA

Name	Execution Date
Sebastian Ulrich Engelmann	07/26/2011
Martin Glodde	07/26/2011
Michael A. Guillorn	07/26/2011

#### RECEIVING PARTY DATA

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Street Address:	New Orchard Road	
City:	Armonk	
State/Country:	NEW YORK	
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#### PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13191985	

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ATTORNEY DOCKET NUMBER:	YOR920100679US1	
NAME OF SUBMITTER:	Michael J. Chang	

#### Total Attachments: 4

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## IBM DOCKET NUMBER: YOR920100679US1

#### ASSIGNMENT

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the invention: METHOD TO TRANSFER LITHOGRAPHIC PATTERNS INTO INORGANIC SUBSTRATES

and further identified by the IBM Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

Serial Number:

achines Corporation.	a comoration	of New Y	York having a place of
continue on permitting			بمسما مسالي الأساسا

Whereas, International Business Ma business at Armonk, New York (herein referred to as "IBM"), desires to acquire, and each undersigned Inventor desires to grant to IBM, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto:

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[Inventor Signature Pages Follow]

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Signature: Martin Glodde)

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Executed by Inventor 3 of 3

Signature:

(Michael & Guillorn)

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**RECORDED: 07/27/2011**