

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HONG HE	01/16/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INTERNATIONAL BUSINESS MACHINES CORPORATION
<b>Street Address:</b>	NEW ORCHARD ROAD
<b>City:</b>	ARMONK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10504
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14984062
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(631)393-6271
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>ATTORNEY DOCKET NUMBER:</b>	YOR920151232US1
<b>NAME OF SUBMITTER:</b>	MICHAEL F. MORANO
<b>SIGNATURE:</b>	/michael f. morano/
<b>DATE SIGNED:</b>	02/16/2016
<b>Total Attachments: 2</b>	
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Updated March 2011

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8. I have identified all Developments not assigned by Paragraph 5 in which I have any right, title, or interest, and which were previously made or conceived solely or jointly by me, or written wholly or in part by me, but neither published nor filed in any patent office.

*None*

If I do not have any to identify, I have written "none" on this line: \_\_\_\_\_

9. I consent to IBM (or authorized services providers on IBM's behalf) collecting, using, storing, transferring, and making available information about me, such as my name, photo, contact information, career development and skills, in internal and external IBM databases or websites (including, without limitation, its online directories) anywhere in the world for legitimate business purposes.

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10. The term "subsidiaries", as used in this Agreement, includes any entity owned or controlled, directly or indirectly, by International Business Machines Corporation.

11. The term "employment at will", as used in this Agreement, means the employment at the mutual consent of both me and IBM. Accordingly, either IBM or I can terminate the employment relationship at will, at any time, with or without cause or advance notice.

12. This Agreement supersedes all previous oral or written communications, representations, understandings, undertakings, or agreements relating to the subject matter hereof. Any waiver of a term in this Agreement and any amendment to this Agreement may only be made in a writing signed by the Senior Vice President of Human Resources for International Business Machines Corporation and myself.

13. This Agreement shall be governed by the laws of the State of New York, as if it had been executed and fully performed within such state. If any provision of this Agreement is unenforceable at law, the remainder shall remain in effect.

14. I recognize that any violation of my obligations described herein can result in disciplinary action, including dismissal from IBM, and any other appropriate relief for IBM including money damages, equitable relief and attorneys fees.

My agreement, and my acknowledgment of receipt of a copy of this Agreement, are indicated by my signature below.

Hong He  
Employee's Full Name (please print)

[Signature]  
Employee's Signature

920198  
Employee Serial

1/16/12  
Date

(If you have entered "none" in Paragraph 8, do not fill in this section.)

The following are Developments not covered by Paragraph 5, in which I have any right, title, or interest, and which were previously conceived or written either wholly or in part by me, but neither published nor filed in any Patent Office:

### Description of Documents (if applicable):

Title on Document	Date on Document	Name of Witness on Document
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Signed: \_\_\_\_\_  
Employee's Full Name

Date: \_\_\_\_\_

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