

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Yuan-chi Chang	07/24/2006
Lipyeow Lim	07/20/2006
Min Wang	07/24/2006
Zhen Zhang	09/18/2006
RECEIVING PARTY DATA	
Name:	International Business Machines Corporation
Street Address:	New Orchard Road
City:	Armonk
State/Country:	NEW YORK
Postal Code:	10504
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11503754
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Total Attachments: 4	
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ASSIGNMENT

Whereas, we

Inventor and City	(1) Yuan-chi Chang County of New York City	City of Queens and State of New York
and	(2) Lipyeow Lim County of Westchester	City of White Plains and State of New York
and	(3) Min Wang County of Westchester	City of Cortlandt Manor and State of New York
and	(4) Zhen Zhang County of Champaign	City of Champaign and State of Illinois

have invented certain improvements in

Title SYSTEM AND METHOD FOR SEARCHING DEEP WEB SERVICE




Dates That and have executed, respectively, a United States patent application therefor on
Inventors

Signed the	(1)	7/24/2006	2006, and (2)	7/20/2006	2006, and
Declaration	(3)	7/24/2006	2006, and (4)		2006, and
	(5)		2006.		

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

ASSIGNMENT

City	(1) Signed at			
Date	on	Hawthorne, NY		signature
		7/24/2006	(Yuan-chi Chang) inventor	
			First Name Middle Initial Last Name	
City	(2) Signed at	HAWTHORNE, NY		
Date	on	7/20/2006		signature
			(Lipyeow Lim) inventor	
			First Name Middle Initial Last Name	
City	(3) Signed at	Hawthorne, NY		
Date	on	7/24/2006		signature
			(Min Wang) inventor	
			First Name Middle Initial Last Name	
City	(4) Signed at			
Date	on			signature
			(Zhen Zhang) inventor	
			First Name Middle Initial Last Name	

ASSIGNMENT

Whereas, we

Inventor and City	(1) Yuan-chi Chang County of New York City	City of Queens and State of New York
and	(2) Lipyeow Lim County of Westchester	City of White Plains and State of New York
and	(3) Min Wang County of Westchester	City of Cortlandt Manor and State of New York
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Inventors

Signed the	(1)	2006, and (2)	2006, and
Declaration	(3)	2006, and (4)	9/18/2006 2006, and
	(5)	2006.	

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

ASSIGNMENT

City (1) Signed at

Date on

(Yuan-chi Chang) inventor
First Name Middle Initial Last Name

City (2) Signed at

Date on

(Lipyeow Lim) inventor
First Name Middle Initial Last Name

City (3) Signed at

Date on

(Min Wang) inventor
First Name Middle Initial Last Name

City (4) Signed at Champaign, IL

Date on 09/18/2006

Zhen Zhang signature
(Zhen Zhang) inventor
First Name Middle Initial Last Name