

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kuan-Neng Chen	12/07/2007
John Christopher Arnold	12/07/2007
Niranjana Ruiz	12/09/2007
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:	11968771
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ATTORNEY DOCKET NUMBER:	YOR920070586US1
NAME OF SUBMITTER:	Wayne L. Ellenbogen
Total Attachments: 2	
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OP \$40.00 11968771

**500431261**

**PATENT**  
**REEL: 020311 FRAME: 0818**



**ASSIGNMENT**

Docket No. YOR920070586US1

INVENTOR  
AND CITY

Whereas, we  
(1) **Kuan-Neng Chen**  
County of Westchester  
and (2) **John Christopher Arnold**  
County of Columbia  
and (3) **Niranjana Ruiz**  
County of Westchester

of White Plains,  
and State of New York,  
of North Chatham,  
and State of New York,  
of White Plains,  
and State of New York,

have invented certain improvements in

TITLE

**METHODS OF FORMING TUBULAR OBJECTS**

DATES THAT  
INVENTORS  
SIGNED THE  
DECLARATION

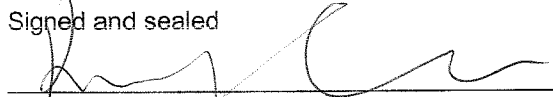
and executed, respectively, a United States patent application therefor on

(1) Dec 7, 2007, (2) Dec 7, 2007,  
(3) \_\_\_\_\_, 2007.


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 in all 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 inventions 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.

Signed and sealed

  
Kuan-Neng Chen

on Dec 7, 2007

  
John Christopher Arnold

on Dec 7, 2007

  
Niranjana Ruiz

on \_\_\_\_\_, 2007

**ASSIGNMENT**

Docket No. YOR920070586US1

INVENTOR  
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Signed and sealed

\_\_\_\_\_  
**Kuan-Neng Chen**

on \_\_\_\_\_, 2007

\_\_\_\_\_  
**John Christopher Arnold**

on \_\_\_\_\_, 2007

*Niranjana Ruiz*  
\_\_\_\_\_  
**Niranjana Ruiz**

on Dec. 9, 2007

**PATENT**

**RECORDED: 01/03/2008**

**REEL: 020311 FRAME: 0821**