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RECORDATION ~~~~ VER SHEET
PATENTS ONLY

1. Name of conveying party(ies): **Tawei Hu** **James J. Lin** **Kenneth C. Nelson** **Alan T. Yaung** **Randy Richardt** **Lily L. Liang** **Ed Gallagher** **Dwayne L. Richardson** *08/12·02* Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No	2. Name and address of receiving party(ies): Name: **International Business Machines Corporation** Street: **New Orchard Road** City: **Armonk** State: **NY** ZIP: **10504** Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No

3. Nature of conveyance: [X] Assignment	Execution Date(s): 7/31/02; 8/2/02; 8/2/02/ 8/1/02; 8/1/02; 8/2/02; 8/1/02; 8/2/02

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s): **10/128,260**	B. Patent No.(s):

Additional numbers attached? [ ] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: James R. Bell Internal Address: Haynes and Boone, LLP Street Address: 901 Main Street, Suite 3100 City: Dallas State: Texas ZIP: 75202-3789	6. Total number of applications and patents involved: **ONE**
	7. Total fee (37 CFR 3.41)................$40.00 [X] Enclosed [ ] Authorized to be charged to deposit account
	8. Deposit Account Number: 08-1394

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Attorney/Agent:_____ Date: *8-5-02*
James R. Bell, Reg. No. 26,528

Total number of pages including cover sheet, attachment(s), and document: | 3 |

PATENT
REEL: 013175 FRAME: 0654

ASSIGNMENT

Whereas I/we

INVENTOR/CITY COUNTY/STATE		
(1) Tawei Hu County of Santa Clara	City of San Jose State of California	
(2) James J. Lin County of Santa Clara	City of Cupertino State of California	
(3) Kenneth C. Nelson County of San Benito	City of Hollister State of California	
(4) Alan T. Yaung County of Santa Clara	City of San Jose State of California	
(5) Randy Richardt County of Santa Clara	City of San Jose State of California	
(6) Lily L. Liang County of Santa Clara	City of San Jose State of California	
(7) Ed Gallagher County of Santa Clara	City of San Jose State of California	
(8) Dwayne L. Richardson County of San Francisco	City of San Francisco State of California	

have invented certain improvements in

TITLE

METHOD AND APPARATUS OF PARAMETER PASSING OF STRUCTURED DATA FOR STORED PROCEDURES IN A CONTENT MANAGEMENT SYSTEM

filed on April 23, 2002 and assigned Serial No. 10/128,260, executed, respectively, a United States patent application therefor on the following date(s):

DATE(S) THAT INVENTOR(S) SIGNED THE DECLARATION

(1) 7-31-2002   (2) 8-2-2002

(3) 8-2-02   (4) 8/1/2002

(5) 8-1-2002   (6) 08-02-2002

(7) 8-1-2002   (8) 8/2/02

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, I, 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

ASSIGNMENT CONTINUED

Signed:

CITY   (1) at _SAN JOSE_   _Tawei Hu_
Tawei Hu

DATE   on _7-31-2002_

CITY   (2) at _San Jose_   _James J. Lin_
James J. Lin

DATE   on _8-2-2002_

CITY   (3) at _San Jose_   _Kenneth C. Nelson_
Kenneth C. Nelson

DATE   on _8-2-02_

CITY   (4) at _San Jose_   _Alan T. Yaung_
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DATE   on _8/1/2002_

CITY   (5) at _San Jose_   _Randy Richardt_
Randy Richardt

DATE   on _8/1/2002_

CITY   (6) at _San Jose_   _Lily L. Liang_
Lily L. Liang

DATE   on _08-02-2002_

CITY   (7) at _SAN JOSE_   _Ed Gallagher_
Ed Gallagher

DATE   on _8/1/2002_

CITY   (8) at _San Jose_   _Dwayne L. Richardson_
Dwayne L. Richardson

DATE   on _8/2/02_