

11-27-2002



102295636

ORDINATION FORM COVER SHEET
PATENTS ONLY

Attorney Docket No.
JP920010330US1

To The Honorable Commissioner of Patents and trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Tanaka Nobuyoshi Akihiro Ogura Atsuya Takeuchi	Execution date: November 7, 2002 November 7, 2002 November 7, 2002
--	---

2. Name and address of receiving party(ies): International Business Machines Corporation New Orchard Road Armonk, New York 10504	3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name
---	---

4. Application number(s) or patent number(s):	<u>Execution/Filing/Issue Date</u>
<input checked="" type="checkbox"/> New Patent Application, execution date of application	<u>November 7, 2002</u> Execution Date
<input type="checkbox"/> Patent Application Number: _____	_____ Filing Date
<input type="checkbox"/> Patent Number: _____	_____ Issue Date

5. Name and address of party to whom correspondence concerning document should be mailed: Bracewell & Patterson, L.L.P. P.O. Box 969 Austin, Texas 78767-0969	6. Total number of applications and patents involved: 1
	7. Total fee (37 CFR 3.41). \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Authorized to charge any deficiency to deposit account
	8. Deposit account number: <u>09-0466</u> (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Veronica Sotelo [Signature] 11-18-02
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 3

J1011 U.S. PTO
10/298413
11/18/02

11/27/2002 TDIAZI 00000018 090466 10298413
01 FC:8021 40.00 CH

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 013519 FRAME: 0034

ASSIGNMENT

Whereas, we,

(1) Tanaka Nobuyoshi

of Machida-shi
and of Tokio-to, Japan;

(2) Akihiro Ogura

of Yamato-shi
and of Kanagawa-ken, Japan;

(3) Atsuya Takeuchi

of Sagamihara-shi
and of Kanagawa-ken, Japan;

have invented certain improvements in

EXTERNAL STORAGE DEVICE WITHIN A COMPUTER NETWORK

and executed, respectively, a United States patent application therefor on (Date Inventor Signed Declaration) (1) 11/7, 2002; (2) 11/7, 2002; and (3) 11/7, 2002.

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.

(1) Signed at Yamato on 11/7, 2002.

Nobuyoshi Tanaka
TANAKA NOBUYOSHI

(2) Signed at Yamato on 11/7, 2002.

Akihiro Ogura
AKIHIRO OGURA

(3) Signed at Yamato on 11/7, 2002.

Atsuya Takeuchi
ATSUYA TAKEUCHI