Docket No.: 19433 12-29-2005 U.S. DEPARTMENT OF COMMERCE FORM PTO 595 (Modified) (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03 Tab settings → → 103145798 record the attached original documents or copy thereof. To the Director of the United States Pal 2. Name and address of receiving party(ies): Name of conveying party(ies): Satoshi YAMAKAWA - December 5, 2005 Name: NEC Corporation Takashi TORII - December 5, 2005 Yoshishiro KAJIKI - December 5, 2005 7-1, Shiba 5-chome, Minato-ku Address: ☐ Yes 🛛 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: ■ Assignment ☐ Merger City: Tokyo _____ State/Prov.: ☐ Security Agreement ☐ Change of Name Other _ Country: Execution Date: SEE ABOVE Additional name(s) & address(es) ☐ Yes ☑ No. Application number(s) or patent numbers(s): 12/5/05;12/5/05; If this document is being filed together with a new application, the execution date of the application is: 12/5/05 Patent Application No. Filing date B. Patent No.(s) Additional numbers ☐ Yes 🏻 No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Paul J. Esatto, Jr. 7. Total fee (37 CFR 3.41):....\$ 40.00 Registration No. 30,749 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: 400 Garden City Plaza - Suite 300 Authorized to be charged to deposit account 8. Deposit account number: 19-1013/SSMP City: Garden City _____State/Prov.: NY Country: USA ZIP: 11530 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. Thomas Spinelli **December 16, 2005** Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document:

12/28/2005 ECOOPER 00000172 11305142

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services

01 FC:8021 40.00 0P

Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 017396 FRAME: 0333

Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, , the undersigned,

Satoshi YAMAKAWA, Takashi TORII and Yoshihiro KAJIKI of Tokyo, Japan, respectively

Hereby sell, assign and transfer to

NEC Corporation

a corporation

of Japan

having a place of business at

7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

its successors, assigns and legal representatives, the entire right, title and interest for United States, in and to any and all improvements which are disclosed and claimed, and as possessed by the undersigned, any and all improvements which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned

on December 5, 2005

and is entitled

DATA ARRANGEMENT MANAGEMENT METHOD, DATA ARRANGEMENT MANAGEMENT SYSTEM,
DATA ARRANGEMENT MANAGEMENT DEVICE, AND DATA ARRANGEMENT MANAGEMENT PROGRAM
and in and to said application and all divisional, continuing, substitute, renewal, reissuc, and
all other applications for Letters Patent which have been or shall be filed on any of said
improvements disclosed in said application; and in and to all original and reissued patents
which have been or shall be issued on said improvements;

Authorize and request the Commissioner of Patents to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said improvements, or any of them, disclosed in said application:

Agree that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will, for the United States, execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any

PATENT REEL: 017396 FRAME: 0334 and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

(II)

Date: December 5, 2005	Satoshi Yamahawa (L.S.) - Satoshi YAMAKAWA
Witness: Masate Himmu	- Saloshi TAMAKAWA
December 5, 2005	Tahashi Torii (意)(L.s.) Takashi TORII
Witness: Kusalu Kinnse	
December 5, 2005 Witness: Sugarto Kinasa	Yoshihiro KAJIKI Yoshihiro KAJIKI
Witness: Warmen Manual	
Date:	(L.S.)
Witness:	-
	(L.S.)
Oate:	_
	•

RECORDED: 12/16/2005

PATENT REEL: 017396 FRAME: 0335