10-25-2002

## RDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

PATENTS ONLY 102261527 To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copies thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Kazuhiro OKANOUE Shuntaro YAMAZAKI NEC CORPORATION 7-1, Shiba 5-chome Minato-ku, Tokyo, JAPAN 10.18-02 NO Additional conveying party(ies) 3. Nature of conveyance: ASSIGNMENT **Execution Date:** October 25, 2001 NO Additional name(s) & address(es) attached? 4. Application number(s) or patent number(s): If this is being filed together with a new application, the execution date of the application is: October 25, 2001 B. Patent Number(s): A. Patent Application Number(s): Additional numbers attached? NO 5. Name and address of party to whom correspondence 6. Total number of applications/patents involved: concerning document should be mailed: \$40.00 7. Total fee (37 C.F.R. § 3.41): David A. Blumenthal Check Enclosed FOLEY & LARDNER Washington Harbour Charge to deposit account 3000 K Street, N.W., Suite 500 19-0741 8. Deposit account number: Washington, D.C. 20007-5143 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. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account, 10/18/02 David A. Blumenthal

Name of person signing

ature

\_\_\_\_

Res. No. 38,819

Total number of pages including cover sheet, attachments, and document: 2

10/22/2002 NNOHAMM1 00000060 10273110

D4 FC:8021

-

40.00 DI

## **ASSIGNMENT**

61 327082 34

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee

title of

invention

NEC Corporation

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

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

NETWORK SERVICE INFORMATION PROVIDING SYSTEM AND NETWORK SERVICE INFORMATION PROVIDING APPARATUS

AND METHOD AND TERMINAL THEREOF

as set forth in this United States Patent Application

check one	executed concurrently herewith	
	executed on	
	Serial No.	Filed

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith:

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

<del></del>			
NAMES AND SIGNATURES OF INVENTORS			
Name: KAZUHIRO OKANOUE	Signature: Buznovia Oberone (M)	Date: 25/10/	
Name: SHUNTARO ÝAMAZAKI	Signature: Shuntaro Farmana W	Date: 25/18/	
Name:	Signature:	Date:	
Name:	Signature:	Date:	
NAMES AND SIGNATURES OF WITNESSES			
Name: FUMITAKE WATANABE	Signature: Symitable Whitanake	25/10/ Date: 2001	
Name: AKIRA MUTO	Signature:	Date: 25 /10/	

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

PATENT
RECORDED: 10/18/2002 REEL: 013406 FRAME: 0218