

Q85075

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(Rev. 10/02)

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To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Hideyuki SHIMONISHI  
M. Yahya SANADIDI  
Mario GERLA

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

NEC CORPORATION  
7-1, Shiba 5-chome  
Minato-ku, Tokyo  
JAPAN

REGENTS OF THE UNIVERSITY OF CALIFORNIA  
1111 Franklin Street, 12th Floor  
Oakland, California 94607-5200

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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Assignment document previously recorded at  
Reel 016391, Frame 0558

Execution Date: March 18, 2005, November 16, 2004,  
November 17, 2004

## 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)  
10/997,861

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

## 6. Total number of applications and patents involved:

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Howard L. Bernstein

Reg. No. 25,665

September 30, 2005

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**PATENT**  
**REEL: 016850 FRAME: 0828**

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MODIFIED Form PTO-155  
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Hideyuki SHIMONISHI  
M. Yahya SANADIDI  
Mario GERLA

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1111 Franklin Street, 12th Floor  
Oakland, California 94607-5200Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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Howard L. Bernstein

Reg. No. 25,665

March 24, 2005

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PATENT

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05-03-23;10:00PM;

SUGHRUE

# 5/ 6

For Non-U.S. Clients

**Assignment**

Whereas, I/We,

- (1) Hideyuki SHIMONISHI
- (2) M. Yahya SANADIDI
- (3) Mario GERLA

hereinafter called assignor(s), have invented certain improvements in

HIGH-THROUGHPUT COMMUNICATION SYSTEM, COMMUNICATION TERMINAL,  
SESSION RELAY, AND COMMUNICATION PROTOCOL

and executed an application for Letters Patent of the United States of America therefor on

March 18, 2005 ; and

Whereas,

- (1) NEC Corporation  
7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan
- (2) The Regents of the University of California  
1111 Franklin Street, 12th Floor, Oakland, California 94607-5200, U.S.A.

(assignee(s)), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U. S. C. § 119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I / We hereby authorize and request my attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number 10/997,861 , filed 11/29/2004 ) the filing date and application number of said application when known.

Date: March 18, 2005  
Hideyuki SHIMONISHI

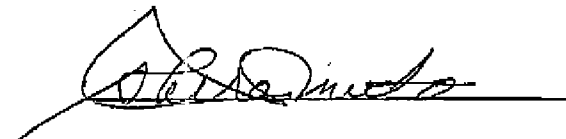
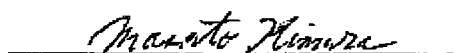
Date: \_\_\_\_\_

M. Yahya SANADIDI

Date: \_\_\_\_\_

Mario GERLA

Witness:



05-03-23;10:00PM;

SUGHRUE

# 6/ 5

For Non-U.S. Clients

**Assignment**

Whereas, I / We,

- (1) Hideyuki SHIMONISHI
- (2) M. Yahya SANADIDI
- (3) Mario GERLA

hereinafter called assignor(s), have invented certain improvements in

HIGH-THROUGHPUT COMMUNICATION SYSTEM, COMMUNICATION TERMINAL,  
SESSION RELAY, AND COMMUNICATION PROTOCOLand executed an application for Letters Patent of the United States of America therefor on  
November 16, 2004 and  
November 17, 2004 ; and

Whereas,

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7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan
- (2) The Regents of the University of California  
1111 Franklin Street, 12th Floor, Oakland, California 94607-5200, U.S.A.

(assignee(s)), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U. S. C. § 119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I / We hereby authorize and request my attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number 10/997,861 , filed 11/29/2004 ) the filing date and application number of said application when known.

Date: \_\_\_\_\_

Hideyuki SHIMONISHI

Date: Nov. 16, 2004

M. Yahya Sanadidi  
M. Yahya SANADIDI

Date: 11/17/04

Mario Gerla  
Mario GERLA

Witness:

11/17/04

Stacey CUSH  
STACEY CUSH