



102505575

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

1. Name of Conveying Party(ies):
Keisuke KANAMARU
Ko YOSHIKAWA

7-15-03

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

2. Name and address of receiving party(ies)
 Name: **NEC CORPORATION**
 Address: **7-1, Shiba 5-chome,**
Minato-ku, Tokyo, JAPAN

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other: _____
 Execution Date: **July 4, 2003**

Additional name(s) and address(es) attached?
 Yes No



4. Application number(s) or patent number(s): **20618704**

This document is being filed with a new application, the execution date of the application is: **July 4, 2003**

A. Patent Application No(s). B. Patent No(s).

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Customer No.: 00466
YOUNG & THOMPSON
Second Floor
745 South 23rd Street
Arlington, VA 22202
Phone: 703-521-2297

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41).....**\$40.00**
 Enclosed
 Authorized to be charged to deposit account

8. Deposit Account No. **25-0120**
 (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.

Benoit Castel **July 15, 2003**

 Name of Person Signing Signature Date

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

07/17/2003 WABDELRI 00000054 10618704

02 FC:8021

40.00 DP

ASSIGNMENT

WHEREAS,

Keisuke KANAMARU and Ko YOSHIKAWA

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in
DELAY OPTIMIZATION DESIGNING SYSTEM AND DELAY OPTIMIZATION
DESIGNING METHOD FOR A LOGIC CIRCUIT AND CONTROL PROGRAM

- (a) for which an application for a United States patent was filed on _____, Application No. _____,
- (b) for which an application for a United States patent was executed on July 4, 2003,

WHEREAS, NEC Corporation,
whose address is 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

hereinafter referred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in and to the same,

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt whereof is acknowledged, and other good and valuable consideration, applicant(s), by these presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all patents which may be granted therefore in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by applicant(s) had this assignment and sale not been made.

Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said United States patents to said assignee(s).

Date July 4, 2003, Keisuke Kanamaru (signature) Keisuke KANAMARU (seal)

Date July 4, 2003, Ko Yoshikawa (signature) Ko YOSHIKAWA (seal)

Date _____, _____ (signature)

Date _____, _____ (signature)

Date _____, _____ (signature)

Witnesses:

Yutomu Kurokawa

Patent
REEL: 014280 FRAME: 0060