

12-08-2000

HEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



101543924

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

1. Name of conveying party(ies):  
Hiroataka HARADA 11-27-00  
Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No

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



3. Nature of conveyance:  
 Assignment       Merger  
 Change of Name      [ ] Other  
 Security Agreement

Street Address:  
7-1, Shiba 5-Chome, Minato-Ku  
Tokyo, Japan  
  
09/722014

Execution Dates: November 13, 2000

4. Application number(s) or patent (numbers):  
If this document is being filed together with a new application, the execution date of the application are: November 13, 2000

A. Patent Application No(s).  
B. Patent No(s).  
Additional numbers attached? [ ] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:  
  
Customer No. 000466  
YOUNG & THOMPSON  
Second Floor  
745 South 23rd Street  
Arlington, VA 22202

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.

Isiah Avila  
Name of Person Signing

*Isiah Avila*  
Signature

November 27, 2000  
Date

Total number of pages including cover sheet: [2]

ASSIGNMENT

WHEREAS, HIROTAKA HARADA of Tokyo, Japan

has invented certain new and useful improvements in METHOD OF SYNCHRONIZING PHASE-LOCKED LOOP, PHASE-LOCKED LOOP AND SEMICONDUCTOR PROVIDED WITH SAME

for which I am about to make application for Letters Patent of the United States of America;

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

desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the United States;

NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollars (\$ 1.00 )

to me in hand paid, the receipt of which is hereby acknowledged the said ASSIGNOR have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said ASSIGNEE, NEC Corporation

\* the full and exclusive right, title, and interest in and to the said invention, as fully set forth and described in the:

Delete inapplicable wording

(a) specification prepared and executed by me on the 13th day of November, 2000, (b) application filed on the day of , Serial No. ,

preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be held and enjoyed by the said ASSIGNEE, NEC Corporation for their own use and behoof, and for their legal representatives, to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at this 13th day of November, A.D. 2000

Hirotaka Harada HIROTAKA HARADA



Witness: Atsushi Utsui

Witness:

Handwritten signature of witness

PATENT