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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To The Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents(s) or copy(ies) thereof.

Docket No.: P07620US00/RFH

## 1. Name of conveying party(ies)

NEC Corporation

3-3-04

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

Name: NEC Electronics Corporation  
Street Address: 1753 Shimonumabe, Nakahara-ku  
City + Address: Kawasaki-shi, Kanagawa 211-8558 Japan

## 3. Nature of conveyance:

☒ Assignment                      ☐ Merger                      ☐ Security Agreement  
☐ Change of Name                      ☐ Other:

Execution Date: 02/17/2004

## 4. Application number(s) or patent number(s)

..... This document is filed together with a new application, whose execution date is:

A. Patent Application No.(s)

B. Patent No.(s)

10/141,797

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

Name: Ross F. Hunt, Jr.                      Tel.: 703-739-4900  
STITES & HARBISON PLLC • 1199 North Fairfax St. • Suite 900 • Alexandria, VA 22314-1437

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

#1

## 7. Total fee (37 CFR 3.41)

☒ Enclosed

\$40.00

(8. Any insufficiency in fee is authorized to be charged to Deposit Account No. 12-0555.)

## 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.

Ross F. Hunt, Jr. 24,082

Name of person signing

Signature

March 3, 2004

Date

Total number of pages including cover sheet, attachments and documents: 3

## ASSIGNMENT OF PATENT APPLICATION

WHEREAS, NEC Corporation

whose Post Office Address is 7-1, Shiba 5-Chome, Minatoku, Tokyo 108-8001 JAPAN

(hereinafter referred to as the "ASSIGNOR") is owner of an undivided one-half interest in United States Patent Application Serial No. 10/141,797, entitled GRAPHICS ENGINE, AND DISPLAY DRIVER IC AND DISPLAY MODULE INCORPORATING THE GRAPHICS ENGINE, and filed on May 10, 2002, by virtue of an assignment from NEC Electronics (Europe) GmbH; with Bitboys, Oy, whose Post Office Address is Rauhalammintie 1, 29600 Noornarkku, Finland, being the owner of the other undivided one-half interest by virtue of an assignment from the inventors;

And WHEREAS, NEC Electronics Corporation

whose Post Office Address is 1753 Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8558, Japan


(hereinafter referred to as the "ASSIGNEE") is desirous of acquiring the entire undivided one-half interest, right, and title in and to said application owned by NEC Corporation and the invention(s) and improvement(s) therein disclosed, for the United States of America, and any Letters Patent which may issue therefor in the United States and all divisions, continuations, reissues, renewals and/or extensions thereof, so that NEC Electronics Corporation and Bitboys, OY will each own an undivided one-half interest.

NOW THEREFORE in consideration of the sum of ten U.S. dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the ASSIGNOR does hereby assign, sell, transfer and set over unto the ASSIGNEE its entire undivided one-half interest, right and title in and to said application and the invention(s) and improvement(s) therein disclosed, for the United States of America, and any Letters Patent which may issue therefor in the United States and all divisions, continuations, reissues, renewals and/or extensions thereof, said ASSIGNEE to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, continuations, reissues, renewals and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made.

This assignment shall be binding upon the ASSIGNOR's heirs, executors, administrators, successors and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of the ASSIGNEE.

The Commissioner of Patents is requested to issue such Letters Patent in accordance with this assignment.

Date 17 February 2004

  
Signature Sachio Matsubara  
Senior Manager  
Planning Division  
Ontellectual Asset Operations Unit

2