NED 9-23-11

09/30/2011



103633791

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT

Patent and Trademark Office

OF COMMERCE

PATENTS ONLY

Trademark Office: Please record the attached document.

Name of conveying parties:

Kazuhiko ARUGA Eisuke SATO U.S. PTO 13/200370 09/23/2011

2. Name and Address of receiving party:

FUJITSU LIMITED 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

| | Japan |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3. | Nature of conveyance: X |
| 4. | Application number(s) or patent number(s): This document is being filed together with a new application. |
| 5. | Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 2149.1035 Attention: Paul I. Kravetz 1201 New York Ave., N.W., 7th Floor Washington, D.C. 20005 |
| 6. | Total number of applications and patents involved:1 |
| 7. | Total fee (37 CFR 3.41) |
| 8. | Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account (Attach duplicate copy of this page if paying by deposit account). |
| | Kravetz, Reg. No. 35,230 September 23, 2011 Signature Date |
| | Total number of pages including cover shee |

09/26/2011 SDIRETA1 00000020 13200370

04 FC:6521

_

PATENT

REEL: 027096 FRAME: 0604

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))

| FUJITSU LIMITED | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| 1-1, Kamikodanaka 4-chome | , Nakahara-ku, Ka | awasaki-shi, Kanagawa 211-8588 Jap | <u>san</u> |
| (hereinafter, "ASSIGNEE"), the receipt assigns and transfers to ASSIGNEE the (Title of Invention) ELECTRONIC DEVICE AND | e entire and exclusive | cnowledged, the undersigned ASSIGNOR he right, title and interest to the invention entitle having THE SAME | reby sells |
| relating to International Patent Applicati of the United States was executed on e | on PCT/JP/ | and/or for which application for Lette if not so executed, was: | ers Paten |
| (a) executed on | co | nsert date of execution of application, if not oncurrent) | |
| (b) filed on | | Assignee's attorney is hereby authorized to a sert in (b) the specified data, when known. | 0 |
| continuation, division, renewal, substitu | ite, reissue or reexami (s) may be granted and | States granted on said application and any ination application based thereon, for the ful including any extensions thereof (collective) | ll term or |
| ASSIGNEE, to do all acts which the AS maintaining and enforcing protection fo application(s) and the issuance of said proceeding, and in any litigation or other | SIGNEE may deem now said invention, included Letters Patent(s), in and legal proceeding which the said papers, included | SNEE and without charge to but at the expennecessary, desirable or expedient, for securing in the preparation and prosecution of same interference, reissue, reexamination, or patch may arise or be declared in relation to same ding separate assignments and declarations, producing evidence. | ng, ald public use ame, such |
| IN WITNESS WHEREOF, the under | rsigned inventor(s) has | is (have) affixed his/her/their signature(s). | • |
| 1) Kosuhiko Avyan | Kazuhiko AR | RUGA Avo 17.20/1 | |
| 1) Kazuhiko Aruga (Signature) | (Туре Name | RUGA Aug. 17. 20/1 (Date) | |
| 2) Eisuke Sato | Eisuke SA | | L _ |
| (Signature) | (Туре Nami | (Date) | |
| (Signature) | (Type Name | ne) (Date) | |
| 4) (Signature) | (Туре Name | ne) (Date) | . |

1/1

PATENT REEL: 027096 FRAME: 0605