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Name of conveying parties:

- 1.) Akira SHIMASAKI
- 2.) Hideo KUBO
- 2. Name and Address of receiving party:

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

	<b>Јаран</b>
3.	Nature of conveyance:  X
4.	Application number(s) or patent number(s):  This document is being filed together with a new application.  OR  This document is being filed after filing of the application:  (a) Patent Application No(s). 13/445,386, filed April 12, 2012; or  (b) Patent No(s).
5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1341.1987  Attention: Gene M. Garner, II 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) (\$ 40.00 per Patent or Application in Assignment)  ☐ Enclosed ☐ Authorized to be charged to credit card. ☐ Authorized to be charged to deposit account.
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)
	M. Garner, II, Reg. No. 34,172 of Person Signing  Signature  FC:8021  Total purpose of pages including cover sheet: 240 dtg gr.
	Total number of pages including cover sheet: 20.00 0p

Revised April, 2011

## **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))

(Insert Name(s) & Address(es) of ASS	IGNEE(S))		
FUJITSU LIMITED  1-1, Kamikodanaka 4-chome	e, Nakahara-ku,	Kawasaki-shi, Kanagawa 211-8588 Japan	
(hereinafter, "ASSIGNEE"), the receipt assigns and transfers to ASSIGNEE th (Title of Invention)  ELECTRONIC DEVICE AND CAS	e entire and exclusi	acknowledged, the undersigned ASSIGNOR hereby ive right, title and interest to the invention entitled ONIC DEVICE	sells
relating to International Patent Applicat of the United States was executed on e	ion PCT/JP/_ even date herewith o	and/or for which application for Letters Pa or, if not so executed, was:	atent
(a) executed on	·	(Insert date of execution of application, if not concurrent)	
(b) filed on	;   [	Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.	
continuation, division, renewal, substituterms for which the said Letters Patentithereinafter, "said application(s) and Let The ASSIGNOR agree(s), when requestion and enforcing protection for application(s) and the issuance of said proceeding, and in any litigation or other acts to include but not be limited to exect ightful oaths, providing sworn testimon	ate, reissue or reexa (s) may be granted a tters Patent(s)"). puested by said ASS SSIGNEE may deem r said invention, incl Letters Patent(s), incl er legal proceeding we cuting all papers, including and	amination application based thereon, for the full term and including any extensions thereof (collectively, and including any extensions to but at the expense of an necessary, desirable or expedient, for securing, aluding in the preparation and prosecution of said any interference, reissue, reexamination, or public which may arise or be declared in relation to same, soluding separate assignments and declarations, taking deproducing evidence.  The security of the first and declarations are th	said use such
) Akira Shimasaki	Akira SHIN	MASAKI <u>Mar. 30, 2012</u>	
(Signature)	(Type Na	ame) (Date)	
2) Kideo Kubo (Signature)	Hideo K		
	(Type Na	nme) (Date)	
( Signature)	(Type Na.	nme) (Date)	
1)	•		
( Signature)	(Type Na	nme) (Date)	

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PATENT REEL: 028161 FRAME: 0395