· · · · · · · · · · · · · · · · · · ·	Attorney Docket: 8021-200 (SS-18706-US					
Form PTO. 1595 . U.S Pat 02-23-20	04 reet					
To the Honorable Commissioner of Patents and  1. Name of conveying party(ies):  Do-Kyung KIM, Yong-Weon JEON  Additional name(s) of conveying party(ies)  attached?  Yes No  3. Nature of conveyance:  Assignment  Merger  Security Agreement  Change of Name  Other  Execution Date: January 20, 2004	P					
4. Application number(s) or patent number(s)  If this document is being filed together of the application is: January 20, 2004.  A. Patent Application No.(s)  Additional numbers attached?   Yes   No  Name and address of party to whom	with a new application, the execution date  B. Patent No.(s)  6. Total number of applications and					
correspondence concerning document should be mailed:  Name: Frank Chau, Esq.  Street Address: F. CHAU & ASSOCIATES, LLC  1900 Hempstead Turnpike, Suite 501  City: East Meadow State: NY Zip: 11554  13/2004 MBIZUNES 00000062 10774680	patents involved: _1  7. Total fee (37 C.F.R. §3.41): \$40.00  ⊠ Enclosed - Credit Card Payment Form PTO-2038  □ Authorized to be charged to deposit account  8. Deposit account number:  (Attach duplicate copy of this page if paying by deposit account)					
9. Statement and signature. To the best of my knowledge and belief, t correct and any attached copy is a true c Richard D. Ratchford, Jr. Registration No. 53,865 Name of Person Signing Signature Total number of pages including cover sheet,	Rulad D. Pate Tebruary 9, 2001					

Do not detach this portion

Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services

Director of the US Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

## **ASSIGNMENT** DOCKET NO.: 8021-200 (SS-18706-US)

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE: Samsung Electronics Co., Ltd.

ADDRESS: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, KOREA

Who is my Assignee, and to the successes and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

## TITLE: LATCH-BASED PULSE GENERATOR

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no. 8021-200 (SS-18706-US), or is more particularly identified as:

	execute	ed on e	ven date l	nerewi	th, or								
	Serial	No.			filed	in	the	U.S.	Patent	&	Trademark	Office	on
			,										
	or												
	execut	ed on _									,		
and in	and to a	all Unit	ed States	patent	ts wh	ich r	nay b	e grant	ed thereo	on ar	nd therefore,	and in an	d to
											-in-part, reiss		
											ie entire own		
											CTRONICS		
											the full end		
											atents may b		
											e or us if this		
-		•	had not be						-9-7	,			

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request <u>Frank Chau, Reg. No. 34,136</u>, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

PATENT REEL: 014987 FRAME: 0156 IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

**INVENTOR(S)** 

**Date Signed** 

1) DO KYLINGKIM

20 January 2004

1) Yongweon Jeon YONGWEON JEON

20.01.04

PATENT
RECORDED: 02/09/2004 REEL: 014987 FRAME: 0157