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Form PTO-1595 (Rev. 03-01) OMB No. 0651-0027 (exp. 5/31/2002)	1017994		∍t	U.S. Department of Commerce U.S. Patent and Trademark Office	
Tab settings ⇔ ⇔ ▼ ▼	▼	▼	▼	▼ ▼	
To the Honorable Commissioner of Pat 1. Name of conveying party(ies):	ents and Trademarks. F	lease record the	attached original address of rece	documents or copy thereof	
SAENG-HWAN KIM 7-230)				The state of the s	
		Name: <u>Hyı</u>	undai Electronic	s Industries Co., Ltd.	
Additional name(s) of conveying parties attached?]Yes ⊠ No.	Internal Ad	dress: <u>t</u>		
3. Nature of conveyance:				· · · · · · · · · · · · · · · · · · ·	
	erger		Ami-Ri, Bubal-l	·	
Security Agreement C	nange of Name	<u>lchon-Shi,</u>	Kyoungki-Do		
Other:		City: Kore	a, South S	tate:ZIP: 467 <u>-860</u>	
Execution Date: June 8, 2001		Additional nan	nes and address	ses attached? ☐ Yes ☒ No	
4. Application number(s) or patent number(s).					
If this document is being filed together with a	new application, the	execution date	e of the applicati	on is:	
A. Patent Application No(s): 09/785,030		B. Patent	No(s):		
Additional numbers attached?					
Name and address of party to whom correspondence concerning document should be mailed:		6. Total numb	er of application	s and patents involved 1	
Name: William E. Winters TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8 th Floor San Francisco, California 94111-3834 (415) 576-0200		7. Total fee (3	7 CFR 3.41):	\$40.00	
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PATENT

REEL: 012013 FRAME: 0706

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- Additional name(s) of conveying party(ies): (Continued from Page 1)
- Additional name(s) and address(es) of receiving party(ies): (Continued from Page 1)
- Additional application number(s) or patent number(s): (Continued from Page 1)
 - A. Patent Application No.(s)

B. Patent No.(s)

SF 1249043 v1

PATENT REEL: 012013 FRAME: 0707 Attorney Docket No.: 00939H-082200US

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, KIM, SAENG-HWAN of San 136-1, Ami-ri, Bubal-eub, Ichon-shi, Kyoungki-do 467-860
Republic of Korea
nereinafter referred to as "Assignors," are the inventors of the invention described and set forth in below-identified application for Untied States Letters Patent:
Title of Invention: MULTI-BIT COUNTER
Date(s) of execution of Declaration: June 8, 2001
Filing Date: February 15, 2001
Application No.: 09/785,030 ; and
WHEREAS, HYUNDAI ELECTRONICS INDUSTRIES CO., LTD., a CORPORATION, located at SAN 130 AMI-RI, BUBAL-EUB, ICHON-SHI, KYOUNGKI-DO 467-860, REPUBLIC OF KOREA hereinafter referred to 'ASSIGNEE" is desirous of acquiring an interest in the invention and application and in any U.S. Letters Parand Registrations which may be granted on the same;
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors hassigned, and by these presents do assign to Assignee all right, title and interest in and to the invention application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to Letters Patent and Registrations which may hereafter be granted on the same in the United States and all count throughout the world, and to claim the priority from the application as provided by the Paris Convention. The rightle and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the term of any Letters Patent and Registrations which may be granted thereon, or of any division, renew continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.
Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) coope with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or main betters Patent and Registrations for the invention and improvements in any and all countries, and to vest thereto in Assignee, or Assignee's successors and assigns.
IN TESTIMONY WHEREOF, Assignors have signed their names on the dares indicated.
Dated: June 8, 2001 Kim Saeng Hwan KIM, SAENG-HWAN
Dated:

PATENT REEL: 012013 FRAME: 0708