PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tae-Woon Kim	12/16/2009
Shin-Young Yi	12/16/2009
Sang-Hoon Lim	12/16/2009
Jin-Seok Koh	12/16/2009

RECEIVING PARTY DATA

Name:	Dongbu HiTek Co., Ltd.	
Street Address:	891-10 Daechi-dong, Gangnam-gu	
City:	Seoul	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	135-280	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12642111

CORRESPONDENCE DATA

Fax Number: (703)935-8473

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 571-313-7556

Email: mail@sherr-law.com

Correspondent Name: Daniel H. Sherr

Address Line 1: 620 Herndon Parkway

Address Line 2: Suite 320

Address Line 4: Herndon, VIRGINIA 20170

ATTORNEY DOCKET NUMBER:	604-0403
NAME OF SUBMITTER:	Daniel H. Sherr

Total Attachments: 3

REEL: 023677 FRAME: 0014

OP \$40.00 12642111

PATENT

source=20091218155926#page1.tif source=20091218155926#page2.tif source=20091218155926#page3.tif

> PATENT REEL: 023677 FRAME: 0015

Docket No.:

604-0403

Application No.:

12/642,111

Filing Date:

12/18/2009

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- Tae-Woon Kim residing at #105-2402, Indeokwon Samsung Apt.,
 Gwanyang 2-dong, Dongan-gu, Anyang-si, Gyeonggi-do, Republic of Korea
- Shin-Young Yi residing at #C-1731, Poongrim I-won Apt., Seohyeon-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea
- Sang-Hoon Lim residing at 2nd Floor, #340-40, Myeonmok 7-dong,
 Jungnang-gu, Seoul, Republic of Korea
- Jin-Seok Koh residing at #111-1604, Minsok Maeul Ssangyong Apt., #553,
 Bora-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea

who have made certain new and useful inventions, hereby sell, assign and transfer unto

Dongbu HiTek Co., Ltd.

having an address at

891-10, Daechi-dong, Gangnam-gu, Seoul, Korea 135-280

Page 1 of 3

REEL: 023677 FRAME: 0016

Docket No.:
Application No.:

604-0403 12/642,111

Filing Date:

12/18/2009

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

DIGITAL-ANALOG CONVERSION DEVICE AND METHOD FOR THE DIGITAL-ANALOG CONVERSION

for which an application for a United Stat	tes Patent was filed on _	12/18/2009
identified as U.S. Patent Serial Number _	12/642,111	

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and/or that claim priority thereto and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof and/or that claim priority thereto, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, and associated foreign patent applications, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

Page 2 of 3

REEL: 023677 FRAME: 0017

Docket No.:
Application No.:

604-0403 12/642,111

Filing Date:

12/18/2009

AND the undersigned hereby grants the firm of SHERR & VAUGHN, PLLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of any issuing authority, including the United States Patent and Trademark Office, for recordation of this document.

SIGNED on the dates indicated aside our signatures:

INVENTOR		DATE	
	3	2069 4	12-16
Tae-Woon Kim	M.	2009, 12	-14
Shin-Young Yi	25ml	2	2009. 12.16
Sang-Hoon Lim	[3]	يد , ي	507. 12.1 <u>6</u>
lin-Seok Koh		··	