

12/27/04

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FORM PTO-1595 (Rev. 10/02) OMD No. 0651-0011 (exp. 6/30/2005)

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1. Name of conveying party(ies): Seung-Chul Lee; Min-Hyung Cho; Chong-Ki Kwon

2. Name and address of receiving party(ies): Name: Electronics and Telecommunications Research Institute

Additional name(s) of conveying party(ies) attached? [X] No [] Yes

Internal Address: Street Address: 161 Gajeong-dong, Yuseong-gu

3. Nature of Conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other

City: Daejeon-city State: ZIP: 305-350 Country: Korea

Execution Date: December 6, 2004

Additional name(s) & address(es) attached? [X] No [] Yes

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 12/6/04

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [X] No [] Yes

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Blakely, Sokoloff, Taylor & Zafman LLP

6. Total number of applications and patents involved: 1

Internal Address:

7. Total Fee (37 CFR 3.41).....\$ 40.00

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Date 12/27/04

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Docket No. 3364P203

PATENT REEL: 016139 FRAME: 0198

112959 U.S. PTO 11/024396



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ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, _____, the undersigned, LEE, Seung-Chul; CHO, Min-Hyung and KWON, Chong-Ki

Hereby sell, assign, and transfer to: Electronics and Telecommunications Research Institute a corporation of the Republic of Korea

having a principal place of business at: 161 Gajeong-dong, Yuseong-gu, Daejeon-city 305-350, Korea ; ("Assignee")

its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent,

which has been executed by the undersigned concurrently herewith,

which was filed _____ and assigned Serial No. _____

and is entitled:

Current-Steering Digital-to-Analog Converter

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Docket No. 3364. P203

Date: Dec. 6 / 2004

Seung Chul
Name: LEE, Seung-Chul

Date: Dec. 6. / 2004

Min-Hyung
Name: CHO, Min-Hyung

Date: Dec. 6th / 2004

Chong-Ki
Name: KWON, Chong-Ki

Docket No.