

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Long-Xi CHANG</td> <td>06/30/2005</td> </tr> <tr> <td>Chia-Chun HUNG</td> <td>07/01/2005</td> </tr> </tbody> </table>		Name	Execution Date	Long-Xi CHANG	06/30/2005	Chia-Chun HUNG	07/01/2005
Name	Execution Date						
Long-Xi CHANG	06/30/2005						
Chia-Chun HUNG	07/01/2005						
RECEIVING PARTY DATA							
Name:	Industrial Technology Research Institute						
Street Address:	No. 195, Sec. 4, Chung Hsing Rd.						
City:	Chutung, Hsinchu						
State/Country:	TAIWAN						
Postal Code:	310						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11185287</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11185287		
Property Type	Number						
Application Number:	11185287						
CORRESPONDENCE DATA							
Fax Number:	(215)965-1210						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	215-965-1293						
Email:	cjablon@akingump.com						
Correspondent Name:	Clark A. Jablon [681954-214US]						
Address Line 1:	AKIN GUMP STRAUSS HAUER & FELD						
Address Line 2:	2005 Market Street, Suite 2200						
Address Line 4:	Philadelphia, PENNSYLVANIA 19103						
NAME OF SUBMITTER:	Sheryl R. Neumann						
Total Attachments: 2 source=68194-214US#page1.tif source=68194-214US#page2.tif							

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Attorney Docket No.:681954.0214US
(IT-0136US)
(P18940003US)

**ASSIGNMENT
(PATENT APPLICATION)**

WHEREAS, we, ("ASSIGNORS"):

<u>Inventor</u>	<u>Citizenship</u>	<u>Address</u>
Chang, Long-Xi	Taiwan, R. O. C.	3F., No. 5-2, Alley 4, Lane 47, Mincyuansin Rd., Yilan City, Yilan County 260, Taiwan
Hung, Chia-Chun	Taiwan, R. O. C.	5F., No. 8, Alley 9, Lane 22, Sec. 2, Singlong Rd., Wunshan District, Taipei 116, Taiwan

having invented a certain new and useful invention entitled:

THIRD ORDER SIGMA-DELTA MODULATOR

for which a United States patent application is to be filed or has been filed on July 20, 2005 under
U.S. Patent Application No. 11/185,287; and

WHEREAS, ("ASSIGNEES"):

Industrial Technology Research Institute (an Institution of Taiwan, R.O.C.),
which is located at
No. 195, Sec. 4, Chung Hsing Rd. Chutung, Hsinchu, Taiwan 310, R. O. C.

is desirous of acquiring the entire right, title and interest in and to the invention throughout the
United States and the world, and all right, title and interest in, to and under any and all Letters
Patent of the United States and all countries throughout the world;

FOR GOOD and VALUABLE CONSIDERATION, the full receipt and sufficiency of which are
hereby acknowledged, ASSIGNORS, intending to be legally bound, do hereby:

AUTHORIZE said ASSIGNEE, or its representatives to insert above the filing date and
application number of the application when these are known;

SELL, ASSIGN, TRANSFER and CONVEY to ASSIGNEE the whole and entire right, title and
interest for the United States and its possessions and territories and all foreign countries in and to
the invention which is disclosed in the above-identified patent application, and, in and to any and
all patent applications related thereto including, but not limited to, all provisionals, non-
provisionals, divisionals, continuations, continuations-in-part, substitutes, reexaminations,
reissues and all other applications for patent which have been or shall be filed in the United
States and all foreign countries on the invention; all original, reissued and reexamined patents

and extensions thereof which have been or shall be issued in the United States and all foreign countries on the invention to the full end of the term or terms for which the patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNOR(S) had this Assignment not been made; and specifically including all rights of priority created by the above patent application under any treaty, convention or law relating thereto;

AUTHORIZE and REQUEST the issuing authority to issue any and all United States and foreign patents granted on the invention to ASSIGNEE;

WARRANT and REPRESENT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by ASSIGNORS, and that the full right to convey the same as herein expressed is possessed by ASSIGNORS;

AGREE and UNDERTAKE, when requested and at the expense of ASSIGNEE, to carry out in good faith the intent and purpose of this Assignment, ASSIGNORS will execute all non-provisionals, divisionals, continuations, continuations-in-part, substitutes, reexaminations, reissues, and all other patent applications on the invention; execute all lawful oaths, declarations, assignments, powers of attorney and other papers; communicate to ASSIGNEE all facts known to ASSIGNORS relating to the invention and the history thereof; and generally do everything possible which ASSIGNEE shall consider desirable for vesting title to the invention in ASSIGNEE, and for securing, maintaining and enforcing proper patent protection for the invention; all without further compensation to ASSIGNORS;

TO BE BINDING on the heirs, assigns, representatives and successors of ASSIGNORS and extending to the successors, assigns, and nominees of ASSIGNEE.

06/30/05

Date

Chang, Long-Xi

Chang, Long-Xi

07/01/05

Date

Hung, Chia-Chun

Hung, Chia-Chun