

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee, Samsung Electronics Co. Ltd.'s address previously recorded on Reel 022112 Frame 0662. Assignor(s) hereby confirms the Assignee, Samsung Electronics Co. Ltd., is located in the Republic of Korea.

CONVEYING PARTY DATA

Name	Execution Date
Jan Craninckx	12/09/2008
Dries Hauspie	01/12/2009
Holger Kuhnert	01/09/2009

RECEIVING PARTY DATA

Name:	Interuniversitair Microelektronica Centrum
Street Address:	Kapeldreef 75
City:	Leuven
State/Country:	BELGIUM
Postal Code:	3001

Name:	Samsung Electronics Co. Ltd.
Street Address:	416, Maetan-Dong, Yeongtong-Gu
City:	Suwon-si, Gyeonggi-do
State/Country:	REPUBLIC OF KOREA
Postal Code:	442-743

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11995658

CORRESPONDENCE DATA

Fax Number: (312)913-0002
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 312-913-0001
 Email: mueller@mbhb.com
 Correspondent Name: McDonnell Boehnen Hulbert & Berghoff LLP

PATENT

500791219

REEL: 022312 FRAME: 0672

CH \$40.00 11995658

Address Line 1: 300 South Wacker Drive
Address Line 4: Chicago, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:

07-1276

NAME OF SUBMITTER:

Jeffrey P. Armstrong

Total Attachments: 10

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PATENT ASSIGNMENT

Electronic Version v1.1
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**01/15/2009
 500755117**

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jan Craninckx	12/09/2008
Dries Hauspie	01/12/2009
Holger Kuhnert	01/09/2009

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CH \$40.00 11995658

ATTORNEY DOCKET NUMBER:	07-1276
NAME OF SUBMITTER:	Jeffrey P. Armstrong
Total Attachments: 4 source=07-1276 Assign#page1.tif source=07-1276 Asslgn#page2.tif source=07-1276 Assign#page3.tif source=07-1276 Assign#page4.tif	

ASSIGNMENT

Case No.: 07-1276

Serial No.: 11/995,658

Inventor(s): Jan Craninckx, Dries Hauspie, Holger Kuhnert

Date of Execution

of Application: May 27, 2008, June 18, 2008,
September 11, 2008

371(c) date: September 16, 2008

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Interuniversitair Microelektronica Centrum
Kapeldreef 75
3001 Leuven, Belgium

Samsung Electronics Co. Ltd.
416, Maetan-dong, Yeongtong-gu
442-743, Suwon-si, Gyeonggi-do, Korea

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

**VOLTAGE CONTROLLED OSCILLATOR (VCO) WITH SIMULTANEOUS
SWITCHING OF FREQUENCY BAND, OSCILLATION CORE AND VARACTOR SIZE**

and identified as:

Case No. 07-1276

in the offices of McDONNELL BOEHNEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

EXECUTED as of the date(s) written below by ASSIGNOR(S):



Jan Craninckx

Date: 03-12-2008

Dries Hauspie

Date: _____

Holger Kuhnert

Date: _____

ASSIGNMENT

Case No.: 07-1276

Serial No.: 11/995,658

Inventor(s): Jan Craninckx, Dries Hauspie, Holger Kuhnert

Date of Execution

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in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

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EXECUTED as of the date(s) written below by ASSIGNOR(S):

Jan Craninckx

Date: _____



Dries Hauspie

Date: January 12, 2009

Holger Kuhnert

Date: _____

ASSIGNMENT

Case No.: 07-1276

Serial No.: 11/995,658

Inventor(s): Jan Craninckx, Dries Hauspie, Holger Kuhnert

Date of Execution

of Application: May 27, 2008, June 18, 2008,
September 11, 2008

371(c) date: September 16, 2008

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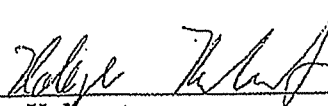
EXECUTED as of the date(s) written below by ASSIGNOR(S):

Jan Craninckx

Date: _____

Dries Hauspie

Date: _____



Holger Kuhnert

Date: 9.1.2009