08-01-2005 U.S. Department of Commerce Patent and Trademark Office OMB No. 0651-0011 (exp. 4. 103052492 To the Honorable Commissioner on original accuments or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party(ies): Martin Friedrich Name: Infineon Technologies AG **Christian Grewing** Street Address: St. Martin-Strasse 53 Giuseppe Li Puma Christoph Sandner City: 81669 München Andreas Wiesbauer Kay Winterberg Country: Germany Stefan Van Waasen Additional name(s) & address(es) attached? []Yes [X] No Additional name(s) of conveying party(ies) attached? [] Yes [X] No 3. Nature of Conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date(s): 06/15/05, 06/20/05, 06/14/05, 06/20/05, 06/16/05, 06/20/05, 06/20/05 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 A. Patent Application No(s) 11/118,622 B. Patent No(s) Additional numbers attached? [] Yes [X] No Title of Invention: Ultra-Wideband Signal Amplifier Our Docket No.: 1890-0239 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved concerning document should be mailed: Name: Harold C. Moore 7. Total fee (37 CFR 3.41): .\$ 40.00 Internal Address: Maginot, Moore & Beck [X] Enclosed [] Authorized to be charged to deposit account Street Address: 111 Monument Circle, Suite 3000 8. Deposit Account number: 13-0014 City: State: Zip: Indianapolis, IN 46204-5115 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and rue copy of the original document. correct and any attached copy is Harold C. Moore Name of Person Signing Total number of pages including cover sheet, attachments and document 15 Registration No. 37,892

Mail Stop Assignment Recordation Services, Commissioner for Patents
P.O. Box 1450, Alexandria, VA 22313-1450

07/28/2005 TBESHAH1 00000017 11118622

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T-154 P.008/043 F-369

ASSIGNMENT

For good and valuable consideration, I, Martin Friedrich, a citizen of Germany, residing at Luisenstraße 71, 45892 Gelsenkirchen, Germany, Christian Grewing, a citizen of Germany, residing at Kirchweg 6, 40489 Düsseldorf, Germany, Giuseppe Li Puma, a citizen of Italy, residing at Zechenstr. 27, 44791 Bochum, Germany, Christoph Sandner, a citizen of Austria, residing at August-Jaksch-Str. 12, A-9500 Villach, Austria, Andreas Wiesbauer, a citizen of Austria, residing at Sallacher Str. 85, A-9210 Pörtschach, Asutria, Kay Winterberg, a citizen of Germany, residing at Donkring 27, 47906 Kempen, Germany, and Stephan Van Waasen, a citizen of Sweden, residing at Bätsmansvägen 35, 19248 Sollentuna, Sweden, hereinafter individually or collectively referred to as "Assignor";

Hereby sell, assign and transfer to Infineon Technologies AG, a corporation organized and existing under the laws of Germany, having its principal place of business at St. Martin Str. 53, 81669, Munich, Germany, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and 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 and

filed on	April 29, 2005	US. Serial No.	11/118,622 ,
entitled:	Ultra-Wideband Signal An	aplifier	

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 filed in the United States and all foreign countries on said improvements;

Agree that said Assignce 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 legal representatives, all facts known to the undersigned relating to said improvements an the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal 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.

SIGNATURE:	M. E. W.M. NAME: Martin Friedrich	DATE: June 15, 2005
SIGNATURE:	NAME: Christian Grewing	DATE:

SIGNATURE:	NAME: Giuseppe Li Puma	DATE:
SIGNATURE:	NAME: Christoph Sandner	DATE:
SIGNATURE:	NAME: Andreas Wiesbauer	DATE:
SIGNATURE:	NAME: Kay Winterberg	DATE:
SIGNATURE:	NAME: Stephan Van Waasen	DATE:

SIGNATURE:

INFINEON REF NO. S3568 GC/lko MMB REF NO. 1890-0239

ASSIGNMENT

For good and valuable consideration, I, Martin Friedrich, a citizen of Germany, residing at Luisenstraße 71, 45892 Gelsenkirchen, Germany, Christian Grewing, a citizen of Germany, residing at Kirchweg 6, 40489 Düsseldorf, Germany, Giuseppe Li Puma, a citizen of Italy, residing at Zechenstr. 27, 44791 Bochum, Germany, Christoph Sandner, a citizen of Austria, residing at August-Jaksch-Str. 12, A-9500 Villach, Austria, Andreas Wiesbauer, a citizen of Austria, residing at Sallacher Str. 85, A-9210 Pörtschach, Asutria, Kay Winterberg, a citizen of Germany, residing at Donkring 27, 47906 Kempen, Germany, and Stephan Van Waasen, a citizen of Sweden, residing at Bätsmansvägen 35, 19248 Sollentuna, Sweden, hercinafter individually or collectively referred to as "Assignor";

Hereby sell, assign and transfer to Infineon Technologies AG, a corporation organized and existing under the laws of Germany, having its principal place of business at St. Martin Str. 53, 81669, Munich, Germany, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and 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 and
filed on April 29, 2005 US. Serial No. 11/118,622
entitled: Ultra-Wideband Signal Amplifier
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 filed in the United States and all foreign countries on said improvements;
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 legal representatives, all facts known to the undersigned relating to said improvements an the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal 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.
SIGNATURE: DATE: DATE:
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SIGNATURE:	NAME: Giuseppe Li Puma	DATE:
SIGNATURE:	NAME: Christoph Sandner	DATE:
SIGNATURE:	NAME: Andreas Wiesbauer	DATE:
SIGNATURE:	NAME: Kay Winterberg	DATE:
SIGNATURE:	NAME: Stephan Van Waasen	DATE:

ASSIGNMENT

For good and valuable consideration, I, Martin Friedrich, a citizen of Germany, residing at Luisenstraße 71, 45892 Gelsenkirchen, Germany, Christian Grewing, a citizen of Germany, residing at Kirchweg 6, 40489 Düsseldorf, Germany, Giuseppe Li Puma, a citizen of Italy, residing at Zechenstr. 27, 44791 Bochum, Germany, Christoph Sandner, a citizen of Austria, residing at August-Jaksch-Str. 12, A-9500 Villach, Austria, Andreas Wiesbauer, a citizen of Austria, residing at Sallacher Str. 85, A-9210 Pörtschach, Asutria, Kay Winterberg, a citizen of Germany, residing at Donkring 27, 47906 Kempen, Germany, and Stephan Van Waasen, a citizen of Sweden, residing at Båtsmansvägen 35, 19248 Sollentuna, Sweden, hereinafter individually or collectively referred to as "Assignor";

Hereby sell, assign and transfer to Infineon Technologies AG, a corporation organized and existing under the laws of Germany, having its principal place of business at St. Martin Str. 53, 81669, Munich, Germany, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and 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 and

filed on	April 29, 2005	US. Serial No.	11/118,622
entitled:	Ultra-Wideband Signal Ampli	fier	

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 filed in the United States and all foreign countries on said improvements;

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 legal representatives, all facts known to the undersigned relating to said improvements an the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal 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.

SIGNATURE:	NAME: Martin Friedrich	DATE:
SIGNATURE:	NAME: Christian Grewing	DATE:

SIGNATURE:	NAME. Giuseppe Li Puma	DATE: 14 June 2005
SIGNATURE:	NAME: Christoph Sandner	DATE:
SIGNATURE:	NAME: Andreas Wiesbauer	DATE:
SIGNATURE:	NAME: Kay Winterberg	DATE:
SIGNATURE:	NAME: Stephan Van Waasen	DATE:

filed on April 29, 2005

its successors, assigns and legal representatives; and

foreign countries on said improvements;

INFINEON REF NO. S3568 GC/lko MMB REF NO. 1890-0239

ASSIGNMENT

+49 89 3401479

For good and valuable consideration, I, Martin Friedrich, a citizen of Germany, residing at Luisenstraße 71. 45892 Gelsenkirchen, Germany, Christian Grewing, a citizen of Germany, residing at Kirchweg 6, 40489 Düsseldorf, Germany, Giuseppe Li Puma, a citizen of Italy, residing at Zechenstr. 27, 44791 Bochum, Germany, Christoph Sandner, a citizen of Austria, residing at August-Jaksch-Str. 12, A-9500 Villach, Austria, Andreas Wiesbauer, a citizen of Austria, residing at Sallacher Str. 85, A-9210 Pörtschach, Asutria, Kay Winterberg, a citizen of Germany, residing at Donkring 27, 47906 Кетреп, Germany, and Stephan Van Waasen, a citizen of Sweden, residing at Båtsmansvägen 35, 19248 Sollentuna, Sweden, hereinafter individually or collectively referred to as "Assignor":

Hereby sell, assign and transfer to Infineon Technologies AG, a corporation organized and existing under the laws of Germany, having its principal place of business at St. Martin Str. 53, 81669, Munich, Germany, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and 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 and

entitled:	: Ultra-Wideband Signal Amplifier	
and in and to said	id application and all divisional, continuing, subs	stitute, renewal, reissue, and all other applications for
	hich have been or shall be filed in the United Sta	
improvements; a	and in and to all original and reissued patents whi	ich have been or shall be filed in the United States and all

US. Serial No. 11/118,622

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 legal representatives, all facts known to the undersigned relating to said improvements an the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal 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,

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.

SIGNATURE:	NAME: Martin Friedrich	DATE:
signature:	NAME: Christian Grewing	DATE:

SIGNATURE:	NAME: Giuseppe Li Puma	DATE:
SIGNATURE:	NAME: Christoph Sandner	DATE: 2005-06-20
SIGNATURE:	NAME: Andreas Wiesbauer	DATE:
SIGNATURE:	NAME: Kay Winterborg	DATE:
SIGNATURE:	NAME: Stephan Van Waasen	DATE:

16:17

INFINEON REF NO. 53568 GC/lko MMB REF NO. 1890-0239

ASSIGNMENT

+49 89 3401479

For good and valuable consideration, I, Martin Friedrich, a citizen of Germany, residing at Luisenstraße 71, 45892 Gelsenkirchen, Germany, Christian Grewing, a citizen of Germany, residing at Kirchweg 6, 40489 Düsseldorf, Germany, Giuseppe Li Puma, a citizen of Italy, residing at Zechenstr. 27, 44791 Bochum, Germany, Christoph Sandner, a citizen of Austria, residing at August-Jaksch-Str. 12, A-9500 Villach, Austria, Andreas Wiesbauer, a citizen of Austria. residing at Sallacher Str. 85, A-9210 Pörtschach, Asutria, Kay Winterberg, a citizen of Germany, residing at Donkring 27, 47906 Kempen, Germany, and Stephan Van Waasen, a citizen of Sweden, residing at Båtsmansvägen 35, 19248 Sollentuna, Sweden, hereinafter individually or collectively referred to as "Assignor";

ments which are disclosed in the application for United States med and
rial No. 11/118,622 ,
ning, substitute, renewal, reissue, and all other applications for Inited States and all foreign countries on any of said atents which have been or shall be filed in the United States and all
eive Letters Patent for said improvements in its own name; and use of said Assignee, its successors, assigns and legal purpose of this assignment, the undersigned will execute all all other patent applications on any and all said improvements; any and other papers; communicate to said Assignee, its known to the undersigned relating to said improvements and the high said Assignee, its successors, assigns or legal representatives training proper patent protection for said improvements and for for patents and all patents on said improvements, in said Assignee,
signs and legal representatives that no assignment, grant, is and property herein conveyed has been made to others by the erein expressed is possessed by the undersigned.
DATE:
DATE:

SIGNATURE:	NAME: Giuseppe Li Puma	DATE:
SIGNATURE:	NAME: Christoph Sandner	DATE:
SIGNATURE:	NAME: Andreas Wiesbauer	DATE: 16.06.2005
SIGNATURE:	NAME: Kay Winterberg	DATE:
SIGNATURE:	NAME: Stephan Van Waasen	DATE:

ASSIGNMENT

For good and valuable consideration, I, Martin Friedrich, a citizen of Germany, residing at Luisenstraße 71, 45892 Gelsenkirchen, Germany, Christian Grewing, a citizen of Germany, residing at Kirchweg 6, 40489 Düsseldorf, Germany, Giuseppe Li Puma, a citizen of Italy, residing at Zechenstr. 27, 44791 Bochum, Germany, Christoph Sandner, a citizen of Austria, residing at August-Jaksch-Str. 12, A-9500 Villach, Austria, Andreas Wiesbauer, a citizen of Austria, residing at Sallacher Str. 85, A-9210 Pörtschach, Asutria, Kay Winterberg, a citizen of Germany, residing at Donkring 27, 47906 Kempen, Germany, and Stephan Van Waasen, a citizen of Sweden, residing at Båtsmansvägen 35, 19248 Sollentuna, Sweden, hereinafter individually or collectively referred to as "Assignor";

laws of Germany, havi "Assignee", its success	ng its principal place sors, assigns and lega es, in and to any and	of business at St. Ma d representatives, the all improvements whi	es AG, a corporation organized and exist artin Str. 53, 81669, Munich, Germany, entire right, title and interest in and for ich are disclosed in the application for t	hereinafter the United States
filed on April	29, 2005	US. Serial No.	11/118,622	
entitled: Ultra	-Wideband Signal A	mplifier		
Letters Patent which ha	ave been or shall be f and to all original and	filed in the United Stat	titute, renewal, reissue, and all other appetes and all foreign countries on any of such have been or shall be filed in the Un	said
that, when requested, verepresentatives, to carredivisional, continuing, execute all rightful oat successors, assigns, and history thereof; and get	vithout charge to but yout in good faith the substitute, renewal, renewal, renewal, renewal, renewal representative merally do everything for aiding in security provements and all approvements and all approvements.	at the expense of said the intent and purpose of reissue, and all other purpose of attorney and of es, all facts known to the possible which said and and maintaining propplications for patents	ers Patent for said improvements in its of Assignee, its successors, assigns and less of this assignment, the undersigned will patent applications on any and all said in the papers; communicate to said Assign the undersigned relating to said improve Assignee, its successors, assigns or legal toper patent protection for said improve and all patents on said improvements,	egal I execute all Improvements; Inee, its I ements an the I representatives I ments and for
1:	Law agreement affect	and the rights 200 DFO	legal representatives that no assignment perty herein conveyed has been made to ressed is possessed by the undersigned.	0 011.010 0) -10
SIGNATURE:	NAME: Martin Fr	iedrich	DATE:	,
SIGNATURE:	NAME: Christian	Grewing	DATE:	
	TALBUTATION CONTRACT	-		

SIGNATURE:		DATE:
	NAME: Giuseppe Li Puma	
SIGNATURE:	NAME: Christoph Sandner	DATE:
SIGNATURE:	NAME: Andreas Wiesbauer	DATE:
SIGNATURE:	NAME: Kay Winterberg	DATE: June 20, 2005
SIGNATURE:	NAME: Stephan Van Waasen	DATE:

MMB REF NO. 1890-0239

INFINEON REF NO. S3568 GC/lko

ASSIGNMENT

+49 89 3401479

For good and valuable consideration, I, Martin Friedrich, a citizen of Germany, residing at Luisenstraße 71, 45892 Gelsenkirchen, Germany, Christian Grewing, a citizen of Germany, residing at Kirchweg 6, 40489 Düsseldorf, Germany, Giuseppe Li Puma, a citizen of Italy, residing at Zechenstr. 27, 44791 Bochum, Germany, Christoph Sandner, a citizen of Austria, residing at August-Jaksch-Str. 12, A-9500 Villach, Austria, Andreas Wiesbauer, a citizen of Austria, residing at Sallacher Str. 85, A-9210 Pörtschach, Asutria, Kay Winterberg, a citizen of Germany, residing at Donkring 27, 47906 Kempen, Germany, and Stephan Van Waasen, a citizen of Sweden, residing at Batsmansvägen 35, 19248 Sollentuna, Sweden, hereinafter individually or collectively referred to as "Assignor";

Hereby sell, assign and transfer to Infineon Technologies AG, a corporation organized and existing under the laws of Germany, having its principal place of business at St. Martin Str. 53, 81669, Munich, Germany, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and 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 and

entitled: Ultra-Wideband Signal Amplifie	27	
	-	
4 4		

filed on April 29, 2005 US. Serial No. 11/118,622 ,

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 filed in the United States and all foreign countries on said improvements;

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 Assignce, 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 legal representatives, all facts known to the undersigned relating to said improvements an the history thereof; and generally do everything possible which said Assignce, its successors, assigns or legal 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.

SIGNATURE:	NAME: Martin Friedrich	DATE:
SIGNATURE:	NAME: Christian Grewing	DATE:

June, 20th, 1008

RECORDED: 07/27/2005

SIGNATURE:		DATE:
	NAME: Giuseppe Li Puma	
SIGNATURE:	NAME: Christoph Sandner	DATE:
SIGNATURE:	NAME; Andreas Wiesbauer	DATE:
SIGNATURE:	NAME: Kay Winterberg	DATE:
SIGNATURE:	NAME: Stephan Van Waasen Stefan	DATE: Zune 20th, 2005