

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Christoph Schultz</td> <td>05/01/2012</td> </tr> <tr> <td>Markus Hammes</td> <td>05/18/2012</td> </tr> <tr> <td>Rainer Kreienkamp</td> <td>05/21/2012</td> </tr> <tr> <td>Stefan van Waasen</td> <td>05/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Christoph Schultz	05/01/2012	Markus Hammes	05/18/2012	Rainer Kreienkamp	05/21/2012	Stefan van Waasen	05/21/2012
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Christoph Schultz	05/01/2012										
Markus Hammes	05/18/2012										
Rainer Kreienkamp	05/21/2012										
Stefan van Waasen	05/21/2012										
RECEIVING PARTY DATA											
Name:	Intel Mobile Communications GmbH										
Street Address:	Am Campeon 10-12										
City:	Neubiberg										
State/Country:	GERMANY										
Postal Code:	85579										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13453162</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13453162						
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Application Number:	13453162										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Thomas G. Eschweiler										

OP \$40.00 13453162

Total Attachments: 7

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Filing Date: April 23, 2012

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

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Assignee:

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85579 Neubiberg
Federal Republic of Germany

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled
"MIXER, MIXER SYSTEM AND METHOD" for which:

a non-provisional application for United States Letters Patent:

- was executed on even date preparatory to filing (each inventor should sign this
Assignment on the same day as he/she signs the Declaration and Power of
Attorney); or

Filing Date: April 23, 2012

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PARTIES TO THE ASSIGNMENT

Assignor(s):

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Assignor(s):

~~Stefan Waasen~~
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Germany

Stefan van Waasen

*SW
2012-05-21*

Assignee:

Intel Mobile Communications GmbH
Am Campeon 10-12
85579 Neubilberg
Federal Republic of Germany

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled
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was filed on April 23, 2012 and accorded U.S. Serial No. 13/453,162; or

I hereby authorize and request my attorney associated with Customer No. 18052, to insert on the designated lines below the filing date and application number of said application when known:

U.S. Serial No. _____

filed on _____

WHEREAS, ASSIGNEE (listed above), a corporation of the Federal Republic of Germany is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said invention and improvements, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all

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letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

May 21st, 2012
Date


Name 1st Inventor Christoph Schultz

Filing Date: April 23, 2012

May 18, 2012

Date

Markus Hammes

Name 2nd Inventor Markus Hammes

Filing Date: April 23, 2012

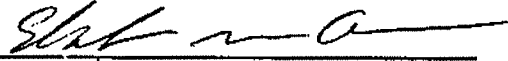
May 21, 2012
Date

Rainer Kreienkamp
Name 3rd Inventor Rainer Kreienkamp

Filing Date: April 23, 2012

2012-05-21

Date



Name 4th Inventor ~~Stefan Waasen~~

Stefan van Waasen

SW
2012-05-21