

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| 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>Ralf Kukla</td><td>11/23/2005</td></tr><tr><td>Gerd Morsberger</td><td>09/21/2005</td></tr><tr><td>Georg Sporlein</td><td>09/23/2005</td></tr><tr><td>Gerhad Goedert</td><td>03/06/2006</td></tr><tr><td>Edmund Goetz</td><td>10/06/2005</td></tr></tbody></table> | Name | Execution Date | Ralf Kukla | 11/23/2005 | Gerd Morsberger | 09/21/2005 | Georg Sporlein | 09/23/2005 | Gerhad Goedert | 03/06/2006 | Edmund Goetz | 10/06/2005 | |
| Name | Execution Date | | | | | | | | | | | | |
| Ralf Kukla | 11/23/2005 | | | | | | | | | | | | |
| Gerd Morsberger | 09/21/2005 | | | | | | | | | | | | |
| Georg Sporlein | 09/23/2005 | | | | | | | | | | | | |
| Gerhad Goedert | 03/06/2006 | | | | | | | | | | | | |
| Edmund Goetz | 10/06/2005 | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| Name: | Telefonaktiebolaget LM Ericsson (publ) | | | | | | | | | | | | |
| Street Address: | SE-164 83 | | | | | | | | | | | | |
| City: | Stockholm | | | | | | | | | | | | |
| State/Country: | SWEDEN | | | | | | | | | | | | |
| 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>10528604</td></tr></tbody></table> | Property Type | Number | Application Number: | 10528604 | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 10528604 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
| Fax Number: | (972)583-7864 | | | | | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | | | |
| Phone: | 972-583-8656 | | | | | | | | | | | | |
| Email: | melissa.wingo@ericsson.com | | | | | | | | | | | | |
| Correspondent Name: | Sidney Weatherford | | | | | | | | | | | | |
| Address Line 1: | 6300 Legacy Drive | | | | | | | | | | | | |
| Address Line 2: | MS EVR 1C11 | | | | | | | | | | | | |
| Address Line 4: | Plano, TEXAS 75024 | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | P16666-US1 | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Sidney Weatherford | | | | | | | | | | | | |

CH \$40.00 10528604

Total Attachments: 7

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Assignment Letter

In consideration of One Dollar and Other good and valuable consideration, of which we acknowledge receipt, we,

- 1) Ralf Kukla, a citizen of Germany, residing at Nuschelberger Weg 4, 905 62 Herddsberg, Germany,
- 2) Gerd Morsberger, a citizen of Germany, residing at Johannesstr. 10 a, 91088 BUBENREUTH, Germany,
- 3) Georg Sporlein, a citizen of Germany, residing at Bahnhofstrasse 33, 96114 HIRSCHAID, Germany,
- 4) Gerhard Goedert, a citizen of Germany, residing at Fliederweg 14, 65760 Eschborn-Niederhöchstadt, Germany, and
- 5) Edmund Goetz, a citizen of Germany, residing at Hauptstr. 2 a, 91090 EFFELTRICH, Germany,

sell and assign to **Telefonaktiebolaget LM Ericsson (publ)**, a corporation organized under the laws of Sweden (the Company), having registered offices at SE-164 83 Stockholm, Sweden, its successors and assigns the entire right, title, and interest in and to the improvements in INTERLEAVING FOR MOBILE COMMUNICATIONS, invented by us, as described in the application for United States patent executed concurrently herewith, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patents on said improvements or resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, and nominees to obtain and enforce proper patent protection for said improvements in all countries.

We further authorize and direct our attorneys to insert below the application number and filing date of said application now identified as Attorney Docket No.

Assignment Letter

P16666US1 as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

Serial Number: PCT/EP02/10670


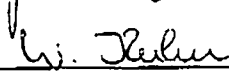
Filing Date: September 24, 2002

Attorney Docket Number P16666-US1
Page 3 of 7

Assignment Letter

23.11.2005
Date
Ralf Kukla
First Inventor

On the 23 day of November, 2005, before us personally appeared
, to us known and known to us to be the individual named in and who
executed the foregoing instrument, and acknowledged that he/she executed the
same.

| | | |
|---|---------------|---|
|  | Jan Schreiber | Inde Renth 103 D-91056 ERLANGEN |
| Witness 1 Signature | Print Name | Address |
|  | Wolfgang Kuhn | Raimund-Huber-Str. 15 76829 Landau |
| Witness 2 Signature | Print Name | Address |

Assignment Letter

21.9.05
Date


Gerd Morsberger
Gerd Morsberger
Second Inventor

On the 21 day of September, 2005, before us personally appeared
, to us known and known to us to be the individual named in and who
executed the foregoing instrument, and acknowledged that he/she executed the
same.

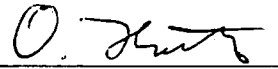
| | | |
|---------------------|----------------------|---|
| <u>[Signature]</u> | <u>Berk, Jan</u> | <u>Usterstr. 10236284 Hohenrad</u> |
| Witness 1 Signature | Print Name | Address |
| <u>[Signature]</u> | <u>Binder, Georg</u> | <u>Riegelsteiner Str. 11, 91287 Plech</u> |
| Witness 2 Signature | Print Name | Address |

Assignment Letter

23.09.05
Date

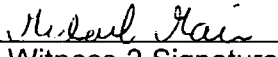

Georg Sporlein
Third Inventor

On the 23rd day of September, 2005, before us personally appeared
, to us known and known to us to be the individual named in and who
executed the foregoing instrument, and acknowledged that he/she executed the
same.


Witness 1 Signature

OLIVER HARTFUSS
Print Name

FAERTSERSTR. 14
Address 78050 VILLINGEN


Witness 2 Signature

MICHAEL MAIER
Print Name

ARNDTSTR. 54 ; 78054 VS-0
Address SCHWENNINGEN

Assignment Letter

06.23.2006
Date

G. Goedert
Gerhard Goedert
Fourth Inventor

On the 6. day of March, 2006, before us personally appeared
, to us known and known to us to be the individual named in and who
executed the foregoing instrument, and acknowledged that he/she executed the
same.

| | | |
|---------------------|------------------------|---------|
| <u>G. Goedert</u> | <u>Gerhard Goedert</u> | |
| Witness 1 Signature | Print Name | Address |
| <u>G. Goedert</u> | <u>Gerhard Goedert</u> | |
| Witness 2 Signature | Print Name | Address |

Assignment Letter

05/10/06
Date

Edmund Goetz
Edmund Goetz
Fifth Inventor

On the 06. day of October, 2005, before us personally appeared
, to us known and known to us to be the individual named in and who
executed the foregoing instrument, and acknowledged that he/she executed the
same.

| | | |
|-----------------------|-----------------------|-------------------------------------|
| <u>Alexander Graf</u> | <u>Alexander Graf</u> | <u>Meinweg 28, 91301 Forchheim</u> |
| Witness 1 Signature | Print Name | Address |
| <u>C. Wolff</u> | <u>Claudia Wolff</u> | <u>Seetalweg 3, 91301 Forchheim</u> |
| Witness 2 Signature | Print Name | Address |

PATENT

RECORDED: 03/14/2006

CT DE

REEL: 017301 FRAME: 0635