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FORM PTO-1595  
(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)  
Tab settings



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the attached original documents or copy

To the Honorable Commissioner of Pa  
thereof.

1. Name of conveying party(ies):  
THOMPSON, John  
FILIPPI, Raymond  
BÄNGS, Joakim

2. Name and address of receiving party(ies):

Telefonaktiebolaget L M Ericsson

Street Address:

S-126 25 Stockholm, Sweden

Additional name(s) of conveying party(ies)  
attached? Yes  No

Additional name(s) & address  
attached? Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: March 9, 2000

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)  
09/461,324 filed December 15, 1999

Additional numbers attached? Yes  No

5. Name and address of party to whom  
correspondence concerning document should  
be mailed:

Stanley R. Moore, Esq.  
Jenkins & Gilchrist, P.C.  
1445 Ross Avenue, Suite 3200  
Dallas, Texas 75202-2799

6. Total number of applications and patents  
involved: One (1)

7. Total fee (37 C.F.R. 3.41):....\$ 40.00

Enclosed  
 Authorized to be charged to deposit  
account

8. Deposit account number:  
10-0447  
(Attach duplicate copy of this page if  
paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and  
any attached copy is a true copy of the original document.

Stanley R. Moore  
Name of Person Signing

*Stanley R. Moore*  
Signature (Reg. No. 26,958)

17 March 2000  
Date

Total number of pages including cover sheet, attachments, and document: 6

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

04/21/2000 TTOM11 00000338 09461324

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(40.00 DP)

Dallas2 663732 v 1, 29206.00018

PATENT  
REEL: 010711 FRAME: 0452

Docket No.29206-00018  
HL70660/002/DCO/JJM

## ASSIGNMENT

WHEREAS, We, John THOMPSON, Raymond FILIPPI, Joakim BÄNGS, have invented certain new and useful improvements in the following "LEVEL SHIFT CIRCUIT" for which we have made application for United States Letters Patent, and;

WHEREAS, Telefonaktiebolaget L M Ericsson, a corporation organized and existing under the laws of Sweden, having its principal place of business at S-126 25 Stockholm, Sweden (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives our entire right, title and interest in and to said invention and in and to said applications and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, continuation-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said

applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

We further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to me respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

We further authorize and direct our attorneys to insert below\* the serial number and filing date of said application now identified as Case Docket No. 29206-00018 as soon as the same shall have been made known to them by the United States Patent Office.

\*Serial Number: 09/461,324

Filing Date: December 15, 1999

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 9<sup>th</sup> day of March

2000.

*J Thompson*

Name: John THOMPSON  
Address: Shaw Bank Farm, Heaton  
Macclesfield  
Cheshire, United Kingdom

On the 9<sup>th</sup> day of March, 2000 before us personally appeared John THOMPSON, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he executed the same.

*C. Valerie Smith*  
WITNESS (1) SIGNATURE

C. VALERIE SMITH  
PRINTED NAME

58 CHURCH MANOR,  
LANSWORTH,  
BURY, LANC'S. GLA R.I.F.  
ADDRESS

*R. J. Goldman*  
WITNESS (2) SIGNATURE

R. J. GOLDMAN  
PRINTED NAME

OSKENGATES, WATER LANE,  
SOMERFORD KEVNES, CIRENCESTER,  
GL7 6DS.  
ADDRESS

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 9 day of MARCH, 2000.

*R. Filippi*  
Name: Raymond FILIPPI  
Address: 2 Romney Way  
Shaw, Swindon  
Wiltshire, United Kingdom

On the 9 day of MARCH, 2000 before us personally appeared Raymond FILIPPI, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he executed the same.

<i>[Signature]</i>	RICHARD JAMES CASWELL	THE FORGE, WEMPSFORD FAIRFORD, GLOS. GL7 4EJ.
WITNESS (1) SIGNATURE	PRINTED NAME	ADDRESS
<i>[Signature]</i>	RICHARD JAMES GOLDMAN	OAKBAGGATES, WATER LANE, SOMBRFORD KENNES, CIRENCESTER GL7 6DS, UK.
WITNESS (2) SIGNATURE	PRINTED NAME	ADDRESS

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 9th day of March, 2000.

Name: Joakim BÄNGS

Address: 14 Rye Close  
Middleaze, Swindon  
Wiltshire, United Kingdom

*JLB*  
5 Sudeley Way  
Grange Park  
Swindon  
SN5 6BA

On the 9 day of MARCH, 2000, before us personally appeared Joakim BÄNGS, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he executed the same.

<u>J.C. Stanton</u>	<u>J.C. STANTON</u>	<u>12 SPRING-FIELD ROAD, SWINDON, WILTSHIRE SN1 4EP</u>
WITNESS (1) SIGNATURE	PRINTED NAME	ADDRESS
<u>R.J. Goldman</u>	<u>R.J. GOLDMAN</u>	<u>DAKENGATES, WATER LANE, SOMERFORD KEYNES, CIRENCESTER, GL7 6DS, UK.</u>
WITNESS (2) SIGNATURE	PRINTED NAME	ADDRESS