



09-01-1999



101113760

PATENT

Practitioner's Docket No. _____



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Assignments
Commissioner of Patents and Trademarks
Washington, D.C. 20231

NOTE: "Documents and cover sheets to be recorded should be addressed to Assistant Commissioner for Patents, Box Assignments, Washington, D.C. 20231, unless they are filed together with new applications or with a petition under § 3.81(b)." 37 CFR 3.27.

ASSIGNMENT (DOCUMENT) COVER SHEET (37 CFR 3.31)

NOTE: "A cover sheet may not refer to both patents and trademarks." 37 CFR 3.31(b).

Attached please find an assignment (document) for recordal.

P NO. 4,347,501

CERTIFICATION UNDER 37 C.F.R. 1.8(a) and 1.10*
(When using Express Mail, the Express Mail label number is mandatory;
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

☐ deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

37 C.F.R. 1.8(a)

37 C.F.R. 1.10*

☐ with sufficient postage as first class mail.

☐ as "Express Mail Post Office to Addressee"
Mailing Label No. _____ (mandatory)

TRANSMISSION

☒ transmitted by facsimile to the Patent and Trademark Office.

Signature

WILLIAM R. EVANS

(type or print name of person certifying)

Date: DECEMBER 24, 1998

*WARNING:

Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. 1.10(b).
"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(Assignment (Document) Cover Sheet—page 1 of 6)

01/04/1999 TLJ11 00000058 4347501

01 FC:581

40.00 OP

PATENT
REEL: 010061 FRAME: 0397

**IDENTIFICATION OF APPLICATION(S) AND/OR PATENT(S)
FOR ASSIGNMENT (DOCUMENT) RECORDAL
(37 CFR 3.21 and 37 CFR 3.31(a)(4))**

NOTE: See 37 CFR 3.21.

NOTE: § 3.21 does not apply to documents other than assignment. Notice of June 24, 1992 (1140 O.G. 63-72 at 67).

This assignment is for the following patent application and/or issued patent:

National application: SN: 0 /
Provisional application: /
International application: PCT/
Patent No: 4,347,501

filed on
filed on
/
Issued: AUGUST 31, 1982

4347,501

(complete if applicable) which was previously assigned and recorded

Date APRIL 18, 1980

Reel 3799
Frame 629

NOTE: If an assignment of a patent application filed under § 1.53(b) is executed concurrently with, or subsequent to, the execution of the patent application, but before the patent application is filed, it must identify the patent application by its date of execution, name of each inventor, and title of the invention so that there can be no mistake as to the patent application intended. If an assignment of a provisional application under § 1.53(c) is executed before the provisional application is filed, it must identify the provisional application by name of each inventor and title of the invention so that there can be no mistake as to the provisional application intended. 37 CFR 3.21.

(also complete the following, if applicable)

[] and also for the applications and/or patents
shown on the attached list of FURTHER
APPLICATION(S) and/or PATENT(S) BEING ASSIGNED

Number of pages added _____

NOTE: "Where there is a listing of properties contained within a document, any listing may be copied and attached to the cover sheet to reduce the amount of typing necessary. A notation of this attachment can be made in lieu of entering every property identification number on the cover sheet." Notice of June 24, 1992 (1140 O.G. 63-72 at 67).

**TOTAL NUMBER OF APPLICATIONS AND/OR PATENTS
AND TOTAL FEE**

NOTE: All requests to record documents must be accompanied by the appropriate fee; a fee is required for each application or patent against which the document is recorded as identified in the cover sheet. The recording fee is set in § 1.21(h). 37 CFR 3.41.

2. A. The total number of applications and/or patents identified in this cover sheet is 1.

B. The total fee is (37 CFR 1.21(h)): 1 x \$40.00 = \$ 1
Total number of applications
and/or patents

(Assignment (Document) Cover Sheet—page 2 of 6)

**PATENT
REEL: 010061 FRAME: 0398**

C. Payment of fee is made by:

☒ the attached check for \$ 40.00.

☐ Please charge Account _____
the sum of \$ _____.

A duplicate of this cover sheet is attached.

Please charge Account 12-0425 for any fee deficiency or credit to account any overpayment.

NAME OF PARTY(IES) CONVEYING INTEREST

(37 CFR 3.31(a)(1))

NOTE

"The term 'party' as used in this rule [§ 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the documents." Notice of June 24, 1992 (1140 O.G. 63-72, at 65).

3. The party(ies) conveying interest is (are):

Name 1: TELEFONAKTIEBOLAGET L M ERICSSON

Name 2:

Name 3:

NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST

(37 CFR 3.31 (a)(2))

The rights are being conveyed to:

Name: ASCOM TATECO AB
Address: BOX 8783, D-402.76
GOTEBORG, SWEDEN

(Assignment (Document) Cover Sheet—page 3 of 6)

PATENT

REEL: 010061 FRAME: 0399

**DESCRIPTION OF INTEREST CONVEYED OR
TRANSACTION RECORDED (37 CFR 3.31 (a)(3))**

5. The accompanying document intends to accomplish:

- ☒ an assignment.
- ☐ a security agreement.
- ☐ a merger.
- ☐ a license.
- ☐ a change of name.
- ☐ a change of address.
- ☐ other:

**NAME AND ADDRESS OF PARTY TO WHOM
CORRESPONDENCE SHOULD BE MAILED (37 CFR 3.31 (a)(5))**

Please address correspondence to:

Name: WILLIAM R. EVANS
Address: c/o LADAS & PARRY
26 WEST 61st STREET
Telephone No.: () NEW YORK, N.Y. 10023
Reg. No. 25,858 (212) 708-1945

**DATE ASSIGNMENT (DOCUMENT) EXECUTED
(37 CFR 3.31(a)(7))**

7. The attached assignment (document) was executed on JULY 9, 1998.
Date

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

NOTE: "The Office will accept and record non-English language documents only if accompanied by an English translation signed by the individual making the translation," 37 CFR 3.26.

8. The attached document:

- ☒ is in the English language.
- ☐ is not in the English language and an English translation signed by the individual making the translation is attached.

(Assignment (Document) Cover Sheet—page 4 of 6)

**PATENT
REEL: 010061 FRAME: 0400**

ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

NOTE: See 37 CFR 3.24.

9. Submitted herewith is:

- ☒ the original document.
☐ a true copy of the original document, which I certify to be a true copy.

NOTE: "If the original [assignment] document is two-sided or the wrong size, the practitioner can comply with the requirement [set out in 37 C.F.R. § 3.24] by providing a true copy of the original document using only one side of each page on the correct size paper." Notice of June 24, 1992, 1140 O.G. 63-76, at 67.

NOTE: "Certification shall be made by the person submitting a copy of an original document that the document submitted is a true copy of the original. The certification is not required to be in an oath or declaration form." M.P.E.P., 6th ed., § 302.01.

ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF ADDRESS

(check item, if applicable)

10. ☐ Because the purpose of the attached documents is to record a change of address of the assignee, the particulars of the previously recorded assignments for each application and/or patent are shown.

ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF NAME

(check item, if applicable)

11. ☐ Because the purpose of the attached documents is to record a change of name of the assignee, the particulars of the previously recorded assignments for each application and/or patent are shown.

CHANGE OF PATENT MAINTENANCE FEE ADDRESS

(check item, if applicable)

12. ☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent to the Office separately.

(Assignment (Document) Cover Sheet—page 5 of 6)

**PATENT
REEL: 010061 FRAME: 0401**

**STATEMENT (37 CFR 3.31(a)(9)) AND
SIGNATURE (37 CFR 3.31(a)(10))**

13. 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.

NOTE: "The term 'party' as used in this rule [§ 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the document." Notice of June 24, 1992, 1140 O.G. 63-76, at 65.

Date: DECEMBER 21, 1998

Name of party submitting document

Signature of party submitting document

(complete the following, if the party submitting the document is applicant's attorney)

SIGNATURE OF PRACTITIONER

WILLIAM R. EVANS

(type or print name of practitioner)

Reg. No.:

WILLIAM R. EVANS

Tel. No.: ()

c/o LADAS & PARRY

Customer No.:

P.O. Address 26 WEST 61st STREET
NEW YORK, N.Y. 10023
Reg No. 25,858 (212) 708 1945

TOTAL NUMBER OF PAGES BEING SUBMITTED

14. The total number of pages being submitted, including cover sheet attachment(s), and documents are:

8 (EIGHT)

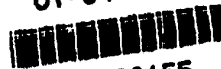
Total number of pages submitted

(Assignment (Document) Cover Sheet—Added page)

**PATENT
REEL: 010061 FRAME: 0402**

12-22-98

01-04-1999



100933155

PATENT

Practitioner's Docket No. SPU 4627

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Assignments
 Commissioner of Patents and Trademarks
 Washington, D.C. 20231

NOTE: "Documents and cover sheets to be recorded should be addressed to Assistant Commissioner for Patents, Box Assignments, Washington, D.C. 20231, unless they are filed together with new applications or with a petition under § 3.81(b)." 37 CFR 3.27.

ASSIGNMENT (DOCUMENT) COVER SHEET (37 CFR 3.31)

NOTE: "A cover sheet may not refer to both patents and trademarks." 37 CFR 3.11(h).

Attached please find an assignment (document) for recordal.

Pat. 4,347,501

CERTIFICATION UNDER 37 C.F.R. 1.18(a) and 1.18*
 (When using Express Mail, the Express Mail label number is mandatory;
 Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

☐ deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

37 C.F.R. 1.8(a)

37 C.F.R. 1.18*

☐ with sufficient postage as first class mail

☐ as "Express Mail Post Office to Addressee"
 Mailing Label No. _____ (mandatory)

TRANSMISSION

☐ transmitted by facsimile to the Patent and Trademark Office.

Date: DECEMBER 22, 1998

Signature

WILLIAM R. EVANS

(type or print name of person certifying)

*WARNING: Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing 37 C.F.R. 1.18(h).
 "Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1998, 60 Fed. Reg. 56,439, at 56,442.

(Assignment (Document) Cover Sheet page 1 of 1)

01/04/1999 TLJH1 00000058 4347501

01 FC:561

40.00 DP

PATENT
 REEL: 010061 FRAME: 0403

C. Payment of fee is made by:

☒ the attached check for \$ 40.00.

☐ Please charge Account _____
the sum of \$ _____.

A duplicate of this cover sheet is attached.

Please charge Account 12-0425 for any fee deficiency or credit to account any overpayment.

NAME OF PARTY(IES) CONVEYING INTEREST
(37 CFR 3.31(a)(1))

NOTE:

"The term 'party' as used in this rule (§ 3.31) means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the documents." Notice of June 24, 1992 (1141 O.G. 63-72, at 63).

3. The party(ies) conveying interest is (are):

Name 1: TELEFONAKTIEBOLAGET L M ERICSSON

Name 2:

Name 3:

NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST
(37 CFR 3.31(a)(2))

The rights are being conveyed to:

Name: ASCOM TATECO A/S
Address: BOX 8783, D-402 76
GOTEBORG, SWEDEN

(Assignment (Document) Cover Sheet - Page 3 of 6)

PATENT
REEL: 010061 FRAME: 0404

IDENTIFICATION OF APPLICATION(S) AND/OR PATENT(S)
FOR ASSIGNMENT (DOCUMENT) RECORDAL
(37 CFR 3.21 and 37 CFR 3.31(a)(4))

NOTE: See 37 CFR 3.21.

NOTE: § 3.21 does not apply to documents other than assignment. Notice of June 24, 1992 (11401) G. 6.3-72 at 67).

This assignment is for the following patent application and/or issued patent:

National application: SN: 0 / filed on
Provisional application: / filed on
International application: PCT/ /
Patent No: 4,347,501 Issued: AUGUST 31, 1982

4347,501

(complete if applicable) which was previously assigned and recorded

Date APRIL 18, 1980 Reel 3799
Frame 229

NOTE: If an assignment of a patent application filed under § 1.53(b) is executed concurrently with, or subsequent to, the execution of the patent application, but before the patent application is filed, it must identify the patent application by its date of execution, name of each inventor, and title of the invention so that there can be no mistake as to the patent application intended. If an assignment of a provisional application under § 1.53(c) is executed before the provisional application is filed, it must identify the provisional application by name of each inventor and title of the invention so that there can be no mistake as to the provisional application intended. 37 CFR 3.21

(also complete the following, if applicable)

[] and also for the applications and/or patents
shown on the attached list of FURTHER
APPLICATION(S) and/or PATENT(S) BEING ASSIGNED

Number of pages added . . .

NOTE: "Where there is a listing of properties contained within a document, any listing may be copied and attached to the cover sheet to reduce the amount of typing necessary. A notation of this attachment can be made in lieu of entering every property identification number on this cover sheet." Notice of June 24, 1992 (11401) G. 6.3-72 at 67).

TOTAL NUMBER OF APPLICATIONS AND/OR PATENTS
AND TOTAL FEE

NOTE: All requests to record documents must be accompanied by the appropriate fee; a fee is required for each application or patent against which the document is recorded as identified in the cover sheet. The recording fee is set in § 1.21(h), 37 CFR 3.41.

2. A. The total number of applications and/or patents identified in this cover sheet is 1.

B. The total fee is (37 CFR 1.21(h)): 1 x \$40.00 = \$ 40.00
Total number of applications
and/or patents

(Assignment (Document) Cover Sheet--page 2 of 6)

PATENT
REEL: 010061 FRAME: 0405

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

- | | |
|-----|-----------------------|
| [x] | an assignment. |
| [] | a security agreement. |
| [] | a merger. |
| [] | a license. |
| [] | a change of name. |
| [] | a change of address. |
| [] | other: |

Please address correspondence to:

Name: WILLIAM W. EVANS
Address: 15 LINDAN ST. BARRY
NEW AFS 414 STRIBT
Telephone No.: () 4EN 7000 10 23
SP2 40 0834 12 18 1945

7. The attached assignment (document) was executed on JULY 9, 1998 Date

NOTE: "The Office will accept and record non-English language documents only if accompanied by an English translation signed by the individual making the translation," 31 CFR 3.26.

- 8 The attached document:
- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | is in the English language. |
| <input type="checkbox"/> | is not in the English language and an English translation signed by the individual making the translation is attached. |

PATENT
REEL: 010061 FRAME: 0406

ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

NOTE See 37 CFR 3.24.

9. Submitted herewith is:
[x] the original document.
[] a true copy of the original document, which I certify to be a true copy.

NOTE: "If the original [assignment] document is two-sided or the wrong size, the practitioner can comply with the requirement [set out in 37 C.F.R. § 3.24] by providing a true copy of the original document using only one side of each page on the correct size paper." Notice of June 24, 1992, 1140 O.G. 63-76, at 67.

NOTE: "Certification shall be made by the person submitting a copy of an original document that the document submitted is a true copy of the original. The certification is not required to be in an oath or declaration form." M.P.E.P., 6th ed. § 312.01.

ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF ADDRESS

check item, if applicable

10. [] Because the purpose of the attached documents is to record a change of address of the assignee, the particulars of the previously recorded assignments for each application and/or patent are shown

ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF NAME

check item, if applicable

11. [] Because the purpose of the attached documents is to record a change of name of the assignee, the particulars of the previously recorded assignments for each application and/or patent are shown.

CHANGE OF PATENT MAINTENANCE FEE ADDRESS

check item, if applicable

12. [] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent to the Office separately.

(Assignment (Document) Cover Sheet - page 5 of 11)

PATENT
REEL: 010061 FRAME: 0407

STATEMENT (37 CFR 3.31(a)(9)) AND
SIGNATURE (37 CFR 3.31(a)(10))

13. 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.

NOTE:

"The term 'party' as used in this rule [§ 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer whose corporation's name appears on the document." Notice of June 24, 1992, 11 *id.* O.G. 63-76, at 63.

Date: DECEMBER 21, 1998

Name of party submitting document

Signature of party submitting document

(Complete the following, if the party submitting the document is applicant's attorney)

SIGNATURE OF PRACTITIONER

WILLIAM R. EVANS

(Type or print name of practitioner)

Reg. No.:

Tel. No.: ()

Customer No.:

WILLIAM R. EVANS
C/O ADAS & PART
24 WEST 61ST STREET
NEW YORK, NY 10019
Reg. No. 15 108 0121 000 000

TOTAL NUMBER OF PAGES BEING SUBMITTED

14. The total number of pages being submitted, including cover sheet attachment(s), and documents are:

8 (EIGHT)

Total number of pages submitted

(Assignment (Document) Cover Sheet - Added page)

PATENT
REEL: 010061 FRAME: 0408

UNITED STATES OF AMERICA

A S S I G N M E N T

WHEREAS, TELEFONAKTIEBOLAGET L M ERICSSON, a corporation organized under the laws of Sweden, with an office at Stockholm, Sweden, (hereinafter called the ASSIGNOR) is the proprietor of the following Patent(s), Design Registration(s) and Patent Application(s) in the United States of America:

Patent No. 4347501

AND WHEREAS, ASCOM TATECO AB, a corporation organized and existing under the laws of Sweden, with an office at Box 8783, D-402 76 Göteborg, Sweden, (hereinafter called the ASSIGNEE) is desirous of acquiring the entire right, title and interest of the ASSIGNOR in and to the aforesaid Patent(s), Design Registration(s) and Patent Application(s).

NOW, THEREFORE, in consideration of U.S. \$1.00 and other good and valuable consideration, the ASSIGNOR hereby assigns to the ASSIGNEE, its successors and assigns, absolutely all its right, title and interest in and to the aforesaid Patent(s), Design Registration(s) and Patent Application(s) including all emoluments, advantages, profits and benefits accruing or belonging thereto.

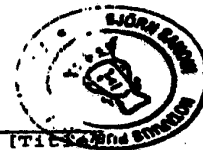
The ASSIGNOR consents to the ASSIGNEE'S proceeding with the aforesaid Patent Application(s), if any, in its own name in substitution of the ASSIGNOR and the said ASSIGNOR agrees to do all that may be required to put the foregoing into effect.

IN WITNESS WHEREOF, the said ASSIGNOR has executed this document on this 8 day of July 1968.

TELEFONAKTIEBOLAGET L M ERICSSON : publ

By Klas Norin
Klas Norin
IPR Manager

By Per Hultström
Per Hultström
Executive Vice President



IN WITNESS WHEREOF, the said ASSIGNEE has executed this document on this 7 day of October 1968.

ASCOM TATECO AB

By Mats Fridlund [Title]
Mats Fridlund
President and CEO
of Ascom Tateco AB

(See over for Notarial Acknowledgment)

PATENT
REEL: 010061 FRAME: 0409

Björn Sandin

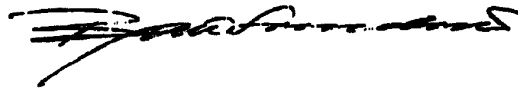
XXXXXXXXXXXXXXXXXXXX Notary Public
Sweden, certify that

Klas Norin Kurt Hellström

Telefonaktiebolaget L M Ericsson (publ)

has issued and the foregoing document,

From Stockholm, 24.7.1998
Crowns 375,- Ex officio.



The execution on behalf of
TELEFONAKTIEBOLAGET L M ERICSSON
must be acknowledged before a Notary, but does
not require legalization by an American Consulate.

RECORDED: 12/28/1998

PATENT
REEL: 010061 FRAME: 0410