



09-21-2001



101852338

EET

U.S. Department of Commerce
Patent and Trademark Office

DB

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

Attorney Docket No. 944-003.025

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Toni ÖSTERGÅRD
Terho KAIKURANTA
Bror SVARFVAR
Kimmo JARVINEN

09/17/01

Additional name(s) of conveying party(ies) attached?

Yes No

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

Nokia Mobile Phones Ltd.
Joensuunkatu 7
E/Kiila 2a
FIN-24101
Salo, Finland

Additional name(s) and address(es) attached?

Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: 9/13/00 and 9/3/01

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)

09/641,199

Filed August 17, 2000

B. Patent No.(s)

Additional numbers attached? Yes No

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

Kenneth Q. Lao
Ware Fressola, Van Der Sluys & Adolphson LLP
Bradford Green, Building 5
755 Main Street
P.O. Box 224
Monroe, CT 06468-0224

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:

23-0442

(Attach duplicate copy of this page if paying by deposit account.)

Statement and signature:

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

Kenneth Q. Lao

Name of Person Signing

Kenneth Q. Lao

Signature

9/13/2001

Date

Total number of pages including cover sheet, attachments, and document: 5

09/20/2001 DBYRME 00000183 09641199

01 FC:581

40.00 DP

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

PATENT
REEL: 012172 FRAME: 0858

~~12-19-2000~~
~~101555453~~

1/ER SHEET

U.S. Department of Commerce
Patent and Trademark Office

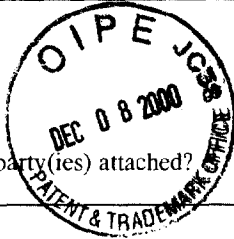
Y 12.8.00

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Toni ÖSTERGÅRD
Terho KAIKURANTA
Bror SVARFVAR

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



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

Nokia Mobile Phones Ltd.
Joensuukatu 7
E/Kiila 2a
FIN-24101
Salo, Finland

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: September 13, 2000

Additional name(s) and address(es) attached?

Yes No

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)

B. Patent No.(s)

09/641,199
Filed August 17, 2000

Additional numbers attached? Yes No

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

Kenneth Q. Lao
Ware Fressola, Van Der Sluys & Adolphson LLP
Bradford Green, Building 5
755 Main Street
P.O. Box 224
Monroe, CT 06468-0224

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:

23-0442
(Attach duplicate copy of this page if paying by deposit account.)

12/12/2000 WMAHNDL 06000004 09641199

04 FD:381

40.00 00

Statement and signature:

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

Kenneth Q. Lao
Name of Person Signing

Kenneth Q. Lao
Signature

12/6/2000
Date

Total number of pages including cover sheet, attachments, and document: 3

ATTORNEY DOCKET NO. 944-003.025

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

PATENT
REEL: 012172 FRAME: 0859

ASSIGNMENT AND AGREEMENT

T. Ö
 Sept. 13th, 2000
 TK 13/9/2000

FOR VALUE RECEIVED, we, TONI ÖSTERGÅRD, TERHO KAIKURANTA and
 BROR SVARFVAR, citizens of Finland and residing at ^{RUUKINKATU 1837, 20540 TURKU} ~~Kaarnatie 7 D 33, 00410~~
~~Helsinki~~, Finland; Sorvakuja 7, 20760 Piisp~~an~~risti, Finland; and Vaakunatie 7 a 4, 20780
 Kaarina, Finland, respectively, hereby sell, assign and transfer to NOKIA MOBILE
 PHONES LTD., a corporation duly organized and existing under the laws of Finland,
 and having a principal place of business at Joensuunkatu 7 E/Kiila 2a, FIN-24101, Salo,
 Finland, as assignee, and its successors, assigns and legal representatives, the entire right,
 title and interest, for all countries in and to certain inventions relating to improvements in
 ARRANGEMENT FOR INTEGRATION OF KEY ILLUMINATION INTO KEYMAT
 OF PORTABLE ELECTRONIC DEVICES., which is described in an application for
 Letters Patent of the United States, Serial No. 09/641,199, filed August 17, 2000; and all
 the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial property, as amended, or by convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be


required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at Salo this 13th day of September, 2000.



Toni ÖSTERGÅRD


Terho KAIKURANTA


Bror SVARFVAR

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness  Date 13.9.2000
SEPPÖ SALMINEN

Witness  Date 13.9.2000
Marko Parikka

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, I, KIMMO JÄRVINEN, a citizen of Finland and residing at Takapellonkatu 8B, 24260 Salo, Finland, hereby sell, assign and transfer to NOKIA MOBILE PHONES LTD., a corporation duly organized and existing under the laws of Finland, and having a principal place of business at Joensuunkatu 7 E/Kiila 2a, FIN-24101, Salo, Finland, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in ARRANGEMENT FOR INTEGRATION OF KEY ILLUMINATION INTO KEYMAT OF PORTABLE ELECTRONIC DEVICES., which is described in an application for Letters Patent of the United States, Serial No. 09/641,199, filed August 17, 2000; and all the rights and privileges under any and all Letters Patent that may be granted therefor.

I request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

I authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial property, as amended, or by convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be

required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with said assignee, its successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at Salo this 3 day of
September, 2001.



Kimmo JÄRVINEN

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness Timo Salo Date 3.9.01

Witness Samu Järvinen Date 3.9.2001

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, we, TONI ÖSTERGÅRD, TERHO KAIKURANTA and
 BROR SVARFVAR, citizens of Finland and residing at ~~Kaarina 7 D 33, 00410~~ ^{RUJKINKATU 1837, 20540 TURKU}
~~Helsinki~~, Finland; Sorvakuja 7, 20760 Piisp~~an~~risti, Finland; and Vaakunatie 7 a 4, 20780
 Kaarina, Finland, respectively, hereby sell, assign and transfer to NOKIA MOBILE
 PHONES LTD., a corporation duly organized and existing under the laws of Finland,
 and having a principal place of business at Joensuunkatu 7 E/Kiila 2a, FIN-24101, Salo,
 Finland, as assignee, and its successors, assigns and legal representatives, the entire right,
 title and interest, for all countries in and to certain inventions relating to improvements in
 ARRANGEMENT FOR INTEGRATION OF KEY ILLUMINATION INTO KEYMAT
 OF PORTABLE ELECTRONIC DEVICES., which is described in an application for
 Letters Patent of the United States, Serial No. 09/641,199, filed August 17, 2000; and all
 the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial property, as amended, or by convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.


We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be


required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at Salvo this 13th day of September, 2000.

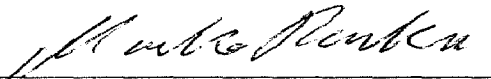

Toni ÖSTERGÅRD


Terho KAIKURANTA


Bror SVARFVAR

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness  Date 13.9.2000
SEPPÖ SALMINEN

Witness  Date 13.9.2000
Marko Parikka