Image: Second States State None K vanderbye P C. Solution Notes States State None K vanderbye P C. Solution Notes States State None K vanderbye P C. Solution State States State None K vanderbye P C. Solution State States State None K vanderbye P C. Solution State States State None K vanderbye P C. Solution State States State None K vanderbye P C. Solution States State None K vanderbye P C. Solution States Sta	~	IAPO3Rec'd PCT 20 DEC
2.2010 RI 12/22/2010 ET ID3614193 To the Director of the U.S. Patent and Trademane outcome transmession or one of the U.S. Patent and Trademane outcome transmession or one of the U.S. Patent and Trademane outcome transmession or one of the U.S. Patent and Trademane outcome transmession or one of the U.S. Patent Address of conveying partylies 2 Name and address of conveying partylies) 2 Name of conveying partylies 8 2 Additional name/s of conveying partylies attached? 2 3 Nature of conveying partylies attached? 2 2) Name 29 September 2010, 5 October 2010, October 2010, October 1, 2010, August 11, 2010, respectively 20 4 Application number(s) or patent number(s): This assignment is being filed together with a new application. A Patent Application No(s). B. Patent No(s). (1) 12/93,907 3 Additional numbers attached □ Yes ⊠ No 5 Name and address of party to whom correspondence concerning document should be mated 6. Total number of applications & patents involved 1 7 Total fee (37 CFR 341) 40 00 4 Street Address: None (10 GER Road 10 Merger) 14 <td></td> <td>U S. Department of Commerce United States Patent and Trademark Office</td>		U S. Department of Commerce United States Patent and Trademark Office
Out RCL: ITWD 22300-1323 103614193 To the Director of the U.S. Patent and Trademane ornor. Found the attached original documents or copy thereof. 1 Name of conveying party(ies) 2 Name and address of receiving party(ies) 1 Peter MOBERG 5 2 Magnus LINSTROM 6 3 Nature of conveying party/ies attached? 1 3 Nature of conveyance: Merger Security Assignment Merger Cher Contry Sweden 29 September 2010, 5 October 2010, October 1, 2010, August 11, 2010, respectively 4. Application number(s): This assignment is being filed together with a new application. (1) 2033,007 (2) (2) (3) Additional numbers of party to whom correspondence concerning document should be mailed 6. Total number of applications & patents involved		2/22/2010 _{ET}
To the Director of the U.S. Patent and Trademane Concerner academic orginal documents or copy thereof. 1 Name of conveying party(res) 2 Magina and address of receiving party(res) 2 Magina and address of receiving party(res) 2 Magina and address of receiving party(res) 3 Nature of conveying party/res attached? 4 Henrik ENBUSKE 8 Seare NG(J) Xasignment 3 Nature of conveying party/res attached? 4 Application number(s) or patent number(s): 1 Niterial address of party to whom correspondence concerning document should be marted 1 Name 1 Numer H. Warren Burnam, Jr. 901 North Glebe Road 110h Floor 110h Ploor City: Arlington by this firm) to our Account No. 14-1140. Statements and signature 10h Port 22 110h Floor 110h Ploor 110h Ploor 110h Ploor 110h Ploor </td <td>Our Ref.: 11 W B-2300-1323</td> <td>nem nung mung nant mungh (ang angan (op jen)</td>	Our Ref.: 11 W B-2300-1323	nem nung mung nant mungh (ang angan (op jen)
Peter MOBERG 5 2 Magnus LINSTROM 6 3 Eva ENGLUND 7 4 Henrik ENBUSKE 8 3 Nature of conveyance 2 2 Name and address of party Assignment Change of Name 0 Other 2 2 Name and address of party to whom correspondence 7 3 Additional numbers of application No(s). 1 (1) 12/93.907 (1) (2) 3 Additional numbers attached Yes 3 Additional numbers of application No(s). 1 (2) (3) Additional numbers of applications & patents involved 1 7 Total fee (37 CFR 3.41) 40 00 2 Enclosed 1 14-1140. 8 The Commissioner is hareby authorized to charge any deficie	To the Director of the U.S. Patent and Traden	J3014193
1 Name Henrik NSTROM 6 2 Magnus LINSTROM 6 3 Eva ENGLUND 7 4 Henrik ENBUSKE 8 Additional name's of conveying party/ies attached? 5 3 Nature of conveying party/ies attached? 5 3 Nature of conveying party/ies attached? 5 3 Nature of conveying party/ies attached? 2 3 Nature of conveying party/ies attached? 2 9 Other 29 September 2010, 5 October 2010, October 1, 2010, August 11, 2010, respectively 4 Application number(s) or patent number(s): This assignment is being filed together with a new application. 10 12/933,907 10 10 (2) 3 Additional numbers attached Yes (3) Additional numbers attached Yes No 5. Name and address of party to whom correspondence concerning document should be mailed 6. Total number of applications & patents involved 1 7 Total fee (37 CFR 3.41) 40.00 4. Authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account #14-1140. DO NOT USE THIS SPACE Statements and si	1 · · · · · · · · · · · · · · · · · · ·	2 Name and address of receiving party(ies):
3 Eva ENGLUND 7 4 Henrik ENBUSKE 8 Additional name's of conveying party/ies attached? 3 3 Nature of conveyance: Assignment 3 Nature of conveyance: Assignment 3 Nature of conveyance: Merger 4 Henrik ENBUSKE 8 2 Name Street Address: 3 Nature of conveyance: Assignment 9 Other Change of Name 0 Other 29 September 2010, 5 October 2010, October 1, 2010, August 11, 2010, respectively Name 4. Application number(s) or patent number(s): This assignment is being filed together with a new application. 9 (1) 2933,907 (2) (2) (3) 5. Name and address of party to whom correspondence concerning document should be mailed 6. Total number of applications & patents involved	-	
4 Henrik ENBUSKE 8 Additional name/s of conveying party/ies attached? □ 3 Nature of conveyance: □ Additional name/s of conveying party/ies attached? □ 3 Nature of conveyance: □ B Assignment □ □ Other 29 September 2010, 5 October 2010, October 1, 2010, august 11, 2010, respectively Name 4. Application number(s) or patent number(s): □ (1) (2) (3) Additional numbers attached □ (2) (3) Additional numbers attached □ (3) Additional numbers attached □ 10 Name H. Warren Burnam, Jr. □ 10 10 Internal Address □ 1111 Piloor 1111 Piloor 14-1140 Street Address: Nixon & Vanderhye P.C. 901 North Glebe Road 14-1140 <td< td=""><td></td><td></td></td<>		
Additional name/s of conveying party/ies attached? State/Country: Sweden Zip' SE-164.83 3 Nature of conveyance: Assignment Merger 2) Name State/Country Sweden Zip' SE-164.83 4 Assignment Change of Name 2) Name Execution Date: 29 September 2010, 5 October 2010, October 1, 2010, August 11, 2010, respectively Additional name/s & address/es attached? Yes 4. Application number(s) or patent number(s): This assignment is being filed together with a new application. B. Patent No(s). 1) (1) (2) (3) Additional numbers attached Yes No 5. Name and address of party to whom correspondence concerning document should be mailed 6. Total number of applications & patents unvolved 1 Name H. Warren Burnam, Jr. Street Address: Street Name & Vanderhye P.C. 6. Total number of application by this firm) to our Account #14-1140 8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 11th Floor Do NOT USE THIS SPACE Statements and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy	· · · · · · · · · · · · · · · · · · ·	Street Address: Torshamnsgatan 23
Nature of conveyance □ Solution and solution of conveyance □ Solution of conveyance □ Other □ Conveyance □ Conveyance □ Conveyance □ Conveyance □ Conveyance □ Conveyance □ Security Assignment □ Charge of Name □ Other 29 September 2010, 5 October 2010, October 1, 2010, August 11, 2010, respectively Application number(s) or patent number(s): □ This assignment is being filed together with a new application. B. Patent No(s). [1] (1) [2] (3) Additional numbers attached Name — H. Warren Burnam, Jr. [6] Internal Address [6] Street Address: Non & Vanderhye P.C. 901 North Glebe Road [1] 11th Floor [1] City Arlington Statements and signature O To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a	Additional name/a - factor and the second	State 10
Assignment Merger Street Address: Security Assignment Change of Name Street Address: Other 29 September 2010, 5 October 2010, October 1, 2010, August 11, 2010, respectively Additional name/s & address/es attached? Yes ⊠ No 4. Application number(s) or patent number(s): This assignment is being filed together with a new application. B. Patent No(s). (1) 12/933,907 (2) (3) Additional numbers attached Yes ⊠ No 5. Name and address of party to whom correspondence concerning document should be marled 6. Total number of applications & patents involved1 Name H. Warren Burnam, Jr. 6. Total number of applications & patents involved1 Street Address: Nixon & Vanderhye P.C. 6. Total number of application by this firm) to our Account #14-1140 Street Address: Nixon & Vanderhye P.C. 8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed mit has application by this firm) to our Account No. 14-1140. 14-1140. DO NOT USE THIS SPACE Statements 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 H. Waren Burnam, Jr. Muthorized code any disched copy is	3 Nature of conveyance	
Security Assignment Change of Name City State/Country: Zip. Execution Date: 29 September 2010, 5 October 2010, October 1, 2010, August 11, 2010, respectively Additional name/s & address/es attached? Yes No 4. Application number(s) or patent number(s): This assignment is being filed together with a new application. B. Patent No(s). (1) (2) (3) Additional numbers attached Yes No 5. Name and address of party to whom correspondence concerning document should be mailed 6. Total number of applications & patents involved	Assignment Merger	,
Execution Date: 29 September 2010, 5 October 2010, October 1, 2010, August 11, 2010, respectively Additional name/s & address/es attached? Yes ⊠ No 4. Application number(s) or patent number(s): This assignment is being filed together with a new application. A Patent Application No(s). B. Patent No(s). (1) (1) 12/933,907 (1) (2) (3) Additional numbers attached Yes ⊠ No 5. Name and address of party to whom correspondence concerning document should be mailed 6. Total number of applications & patents involved1 1 Name H. Warren Burnam, Jr. 6. Total number of applications & patents involved1 1 Street Address: Nixon & Vanderhye P.C. 6. Total number of application by this firm) to our Account #14-1140 Street Address: Nixon & Zip: 22203 22203 K. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140. DO NOT USE THIS SPACE Statements 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 December 20, 2010	Security Assignment Change of Name	
Execution Date 29 September 2010, 5 October 2010, October 1, 2010, August 11, 2010, respectively Additional name/s & address/es attached? □ Yes ⊠ No 4. Application number(s) or patent number(s): □ This assignment is being filed together with a new application. B. Patent Application No(s). [] This assignment is being filed together with a new application. (1) 12/933,907 [] [] (2) [] [] (3) Additional numbers attached □ Yes ⊠ No 5. Name and address of party to whom correspondence concerning document should be mailed 6. Total number of applications & patents involved		State/Country· Z1p.
Image: spectrvely 4. Application number(s) or patent number(s): This assignment is being filed together with a new application. A Patent Application No(s). B. Patent No(s). (1) 12/933,907 (1) (2) (3) 3 Additional numbers attached ☐ Yes ☑ No 5. Name and address of party to whom correspondence concerning document should be mailed 6. Total number of applications & patents involved	Execution Date 29 September 2010, 5 October 2010 October 1, 2010 August 11, 2010	Additional name/s & address/es attached? \Box V \Box V
A Patent Application No(s). B. Patent No(s). (1) 12/933,907 (1) (2) (3) Additional numbers attached ☐ Yes ⊠ No 5. Name and address of party to whom correspondence concerning document should be mailed 6. Total number of applications & patents involved		
5. Name and address of party to whom correspondence concerning document should be mailed 6. Total number of applications & patents involved1	A Patent Application No(s). (1) 12/933,907 (2) (3) Additional number	B. Patent No(s). (1) (2) (3)
Name H. Warren Burnam, Jr. Internal Address Street Address: Nixon & Vanderhye P.C. 901 North Glebe Road 11th Floor City: Arlington State: VA Zip: 22203 DO NOT USE THIS SPACE Statements 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 H. Warren Burnam, Jr. WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	b. Name and address of party to whom correspondence	
Name H. Warren Burnam, Jr. Internal Address Street Address: Nixon & Vanderhye P.C. 901 North Glebe Road 8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. City: Arlington State: VA Zip: 22203 DO NOT USE THIS SPACE Statements 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 H. Warren Burnam, Jr. WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	concerning document should be mailed	
Internal Address Authorized to be charged to deposit account #14-1140 Street Address: Nixon & Vanderhye P.C. Authorized to be charged to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. City: Arlington State: VA Zip: 22203 14-1140. DO NOT USE THIS SPACE Statements 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 H. Warren Burnam, Jr. MUCOCOCCONS COLOR DECOMED December 20, 2010	Name H. Warren Burnam Ir	
Street Address: Nixon & Vanderhye P.C. 901 North Glebe Road 8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. City: Arlington State: VA Zip: 22203 DO NOT USE THIS SPACE Statements 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 H. Warren Burnam, Jr. MOODOB Score Account Account December 20, 2010		
901 North Glebe Road		_
Inth Floor Should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. City: Arlington State: VA Zip: 22203 14-1140. DO NOT USE THIS SPACE Statements 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 H. Warren Burnam, Jr. MUUDOBBEOBLOAD December 20, 2010	Street Address: Nixon & Vanderhye P.C.	deficiency in the fee(s) filed, or asserted to be filed, or which
City: Arlington State: VA Zip: 22203 14-1140. DO NOT USE THIS SPACE Statements 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 Multiple Colspan="2">December 20, 2010 H. Warren Burnam, Jr. Multiple Colspan="2">December 20, 2010		should have been filed herewith (or with any paper thereafter
Statements 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 H. Warren Burnam, Jr. Matter December 20, 2010 Name of Person Signing Signature		lifed in this application by this firm) to our Account No
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 H. Warren Burnam, Jr. Image: Comparison of the original document Name of Person Signing Signature	DO NOT I	USE THIS SPACE
H. Warren Burnam, Jr. Name of Person Signing Signature December 20, 2010	Statements and signature	
Name of Person Signing Name of Person Signing December 20, 2010	To the best of my knowledge and belief, the foregoing inform of the original document	mation is true and correct and any attached copy is a true copy
Signature	H. Warren Burnam, Jr. 20000	Ochegoe of December 20, 2010
Date Date	Reg. No. 29,366	Signature Determoler 20, 2010 Date
Total number of pages including original cover sheet, attachments, and document [7]	Total number of pages including or	iginal cover sheet, attachments, and document [.] [7]
cuments to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to. In Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450	cuments to be recorded (including cover sheet) should be fax- il Stop Assignment Recordation Services. Director of the US	

1

12/21/2010 TLUU22 00000035 12933907

01 FC:8021

PATENT REEL: 025614 FRAME: 0762

<u>ASSIGNMENT</u>

WHEREAS, Peter MOBERG, Magnus LINSTROM, Eva ENGLUND and Henrik ENBUSKE (hereinafter ASSIGNORS) of Timotejgatan 7, S-SE-118 59, Stockholm Sweden; Mjölnarstigen 41, S-SE-163 41, Spånga Sweden; Alholmsvägen 4, S-SE-589 37, Linköping Sweden; and Norrbackagatan 4, 3tr., S-SE-11341, Stockholm Sweden, respectively, have invented a certain improvement in PROHIBITING UNNECESSARY SCHEDULING REQUESTS FOR UPLINK GRANTS for which a so-entitled application for Letters Patent of the United States is being concurrently executed herewith;was filed in the United States Patent and Trademark Office on September 21, 2010 under Serial No.

WHEREAS, TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (hereinafter ASSIGNEE), a corporation of the Country of Sweden, having an office and place of business at S-164 83, Stockholm, Sweden is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNORS by these presents hereby sell, assign, and transfer unto the ASSIGNEE, its successors, assigns, and legal representatives, the aforesaid application(s) and the full and exclusive right to the invention and improvements therein in the United States and all foreign countries, as described in the aforesaid application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other

PATENT REEL: 025614 FRAME: 0763

2380-1525

international agreements to which the United States of America adheres, and hereby authorizes and requests the Commissioner of Patents and 'Irademarks to issue any Letters Patent or Patents claiming priority from the aforesaid application to ASSIGNEE, for its interest as ASSIGNEE, for the sole use and behoof of ASSIGNEE, its successors, assigns, and legal representatives.

ASSIGNORS hereby agree to assist in the preparation of and hereby assign a like interest to said ASSIGNEE, its successors, assigns, and legal representatives, without further remuneration, any continuation, divisional, reissue, or foreign application claiming priority from the aforesaid application or otherwise growing out of or related to the invention; and to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives necessary to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNORS specifically agree, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE. It is understood and agreed that ASSIGNEE'S automeys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention; and

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

- 2 -

.

24th Suptember 2010 Date	Peter Haliaj
Witnessed by: Name:	Date: 24 Sop 2076
Date Witnessed by:	Magnus LINSTROM
Name:	Date:
Date	Eva ENGLUND
Witnessed by: Name:	Date:
Date Witnessed by:	Henrik ENBUSKE
Name:	Date:

1

.

Date	Peter MOBERG
Witnessed by:	
Name:	Date:
5 October ? 010 Date	
Witnessed by: 12 - 152.	Magnus LINSTROM
Name: Michaelickeyn	Date: 5 October 2010
Date	Eva ENGLUND
Witnessed by:	
Name:	Date:
Date	Henrik ENBUSKE
Witnessed by:	
Name:	Date:

1

Date	Peter MOBERG
Witnessed by:	
Name:	Date:
Date	Magnus LINSTROM
Witnessed by:	
Name:	Date:
Det 1, 2010 Date	Eva ENGLUND
	Date: 0.7 1, 2010
Date	Henrik ENBUSKE
Witnessed by:	
Jame:	Date:

1

.

•

Date	Peter MOBERG
Winessed by:	
Name:	Date:
Date	Magnus LINSTROM
Witnessed by:	
Name:	Date:
Date	Eva ENGLUND
Witnessed by:	
Name:	Date:
1. 11 2010 Date	Heuch Entrylie
	Henrik ENBUSKE
Witnessed by: Name: <u>Jee Jon ()</u>	Date: <u>8/11/2010</u>

1

- 3 -