Name and address of party to whom correspondence concerning document should be mailed: Name and address of party to whom correspondence concerning document should be mailed: Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Internal Address: 300 North Seventeenth Street Suite 1800 State: VA Zip: 22209 Do NOT USE THIS SPACE Date Address: Signature	OIPE	Docket No.: 017.38737X00	
1. Name of conveying party(ies): Stefano M. FACCIN and Jakko RAJANIEMI 2. Name and address of receiving party(ies): Name: Nokia Networks OY. Internal Address: Additional name(s) of conveying party(ies) stached? Ves	1-31-92 MAY 2 1 2001 RF 05-25-2	A STATE SAID SEED SAID SEED	
Name: Nokia Networks OY. Internal Address:	To the Honorable Commencer of Pate 1017285	ached original documents or copy thereof.	
3. Nature of conveyance: Assignment		Name: Nokia Networks OY.	
3. Nature of conveyance: Assignment	Additional name(s) of conveying party(ies) attached?		
Additional name(s) & address(es) attached? 4. Application number(s) or patent number(s): 09/783,087 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) Additional numbers attached? B. Patent No.(s) Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Internal Address: Street Address: 1300 North Seventeenth Street Suite 1800 City: Arlington State: VA Zip: 22209 DO NOT USE THIS SPACE 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. Henry M. Zykorie Name (Preson Signing Signature Signature Date Name of Person Signing Signature Signature Date May 21, 2001 Name of Person Signing Signature Signature Date May 21, 2001 Dono OS51-0011 (exp. 4/94) Additional name(s) & address(es) attachments, and document: 2 OMB No. 0651-0011 (exp. 4/94)	3. Nature of conveyance: Assignment		
4. Application number(s) or patent number(s): 09/783,087 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) Additional numbers attached?		Additional name(s) & address(es) attached? Yes X No	
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Internal Address: Street Address: 1300 North Seventeenth Street Suite 1800	- · ·	6. Total number of applications and patents involved: 1	
Any deficiencies may be charged to deposit account Authorized to be charged to deposit account Street Address: 1300 North Seventeenth Street Suite 1800 City: Arlington State: VA Zip: 22209 DO NOT USE THIS SPACE 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. Henry M. Zykorie Name of Person Signing Any deficiencies may be charged to deposit account (Attach duplicate copy of this page if paying by deposit account) May 21, 2001 Signature Date Attorney Registration No. 27,477 Total number: 01-2135 May 21, 2001 Date OMB No. 0651-0011 (exp. 4/94)	Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP	7. Total fee (37 CFR 3.41)\$40.00	
Suite 1800 City: Arlington State: VA Zip: 22209 DO NOT USE THIS SPACE 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. Henry M. Zykorie Name of Person Signing Signature Attorney Registration No. 27,477 Total number of pages including cover sheet, attachments, and document: 2 OMB No. 0651-0011 (exp. 4/94)	Internal Address:	Any deficiencies may be charged to 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. Henry M. Zykorie Name of Person Signing Signature Attorney Registration No. 27,477 Total number of pages including cover sheet, attachments, and document: 2 OMB No. 0651-0011 (exp. 4/94) //22/2001 TEESHARI 00000043 09783087		(Attach duplicate copy of this page if paying by deposit account)	
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. Henry M. Zykorie Name of Person Signing Signature Attorney Registration No. 27,477 Total number of pages including cover sheet, attachments, and document: 2 OMB No. 0651-0011 (exp. 4/94) /22/2001 TEESHARI 00003043 09783087	DO NOT USE	THIS SPACE	
OMB No. 0651-0011 (exp. 4/94) /29/2001 TEESHAL1 00003043 03783087	To the best of my knowledge and belief, the foregoing infector of the original document. Henry M. Zykorie Name of Person Signing Attorney Registration No. 27,477	May 21, 2001	
1 Localiti	}		

PATENT REEL: 011824 FRAME: 0218

ASSIGNMENT

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to

TECHNIQUE FOR ENABLING EMERGENCY CALL CALLBACK OF A TERMINAL WITHOUT A VALID SUBSCRIBER IDENTITY

For which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.

For which U.S. Application Serial No. 09/783,087 for Letters Patent was filed in the U.S. Patent and Trademark Office on

February 15, 2001

for which an International Application was filed as , designating the United States.

AND WHEREAS

NOKIA NETWORKS OY Keilalahdentie 4 FIN-02150 Espoo, FINLAND

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Antonelli, Terry, Stout, Kraus, LLP 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 and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVERPOR=S SIGNATURE	DATE
Stefano M. FACCIN	M-L-	040\$7001
FULL NAME OF SECOND JOINT INVENTOR	/////VENTOR=S SIGNATURE	DATE
Jaakko RAJANIEMI	Manuel Issur	ne. 4. 2001
FULL NAME OF THIRD JOINT INVENTOR	INVENTOR=S SIGNATURE	DATE
FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR=S SIGNATURE	DATE
FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR=S SIGNATURE	DATE
FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR=S SIGNATURE	DATE
FULL NAME OF TWELFTH JOINT INVENTOR	INVENTOR=S SIGNATURE	DATE
	FULL NAME OF SECOND JOINT INVENTOR Jaakko RAJANIEMI FULL NAME OF THIRD JOINT INVENTOR FULL NAME OF FOURTH JOINT INVENTOR FULL NAME OF FIFTH JOINT INVENTOR FULL NAME OF SIXTH JOINT INVENTOR	FULL NAME OF SECOND JOINT INVENTOR Jakko RAJANIEMI FULL NAME OF THIRD JOINT INVENTOR INVENTOR=S SIGNATURE FULL NAME OF FOURTH JOINT INVENTOR INVENTOR=S SIGNATURE FULL NAME OF FIFTH JOINT INVENTOR INVENTOR=S SIGNATURE FULL NAME OF SIXTH JOINT INVENTOR INVENTOR=S SIGNATURE

PATENT RECORDED: 05/21/2001 REEL: 011824 FRAME: 0219