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F^M PTO-1595 (Rev. 6/93) 5. RECORE	-19-1999 DEPARTMENT OF COMMERCE Patent and Trademark Office Attorney's Docket No. 000500-161		
To the Honorable Commissioner of Dates 14.	01041080 al documents or copy thereof.		
1. Name of conveying party(ies): Hakan OHLGREN MAY 1 1 1999 Additional name(s) of conveying party(ies) and the state of the state of conveyance: [X] Assignment [] Merger [] Merger [] Change of Name Other: Execution Date: March 30, 1999	2. Name and address of receiving party(ies): Name:Telefonaktiebolasest LM Ericason Address: _S-126 25 Stockholm, Sweden Additional name(s) & address(es) attached? [] Yes [X] 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) 09/623,101 Additional numbers attached? [] Yes [X] No			
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
Name: Ronald L. Grudziecki Address: Burns, Dosne, Swecker & Mathia, L.L.P. Post Office Box 1404 Alexandria, Virginia 22313-1404	7. Total fee (37 CFR 3.41): \$40.00 [X] Enclosed [X] Authorized to be charged to deposit account, if necessary 8. Deposit account number: 02-4800		
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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. Innaiter Pearson Wright. Registration Number 41.385 Signifian Total number of pages including cover sheet, attachments, and document: 2			

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95/12/1979 MINIMIE 0000067 05/22/01 01 FE:584

> (BDSM 8) (5/95)

PATENT REEL: 009948 FRAME: 0099

ASSIGNMENT — PATENT APPLICATION UNITED STATES OF AMERICA

	Håkan OHLGREN.	a citizen of Sweden	MAY 1 1 1999 %)
Whereas, I/We			TRADEMARK OFFICE
of Klena	vägen 23, S-136 69	Haninge, Sweden	•
••		METHOD AND APPARATUS	(hereinafter "Assignor!") FOR WIRELESS
have invented certain ne	w and usaful improvements in	COMMUNICATION .	for which application for
Letters of Patent in the	United States of America	lis about to be filed; 🛭 has been fil	ed;
And Whereas,	Telefonaktiebolage	et L M Ericsson (publ)	
of	S-126 25 STOCKHOLM	f, Sweden	(hereinafter "Assignee")
is/are desirous of acquir	ing an interest therein and in the	Letters Patent to be obtained therefo	or;
Naw, Therefore, I	be it known by all whom it may	concern, that for good and valuable c	onsideration (the sufficiency of which
is hereby acknowledged) the Assignor has assigned, tran	isferred and set over, and by these pre	sents does assign, transfer and set over
unto the said Assignee	for the territory of the United Si	tates of America, the full and exclusiv	e right, title, and interest in and to the
said invention, as fully s	et forth and described in the spe	cification	
A. prepared and o	executed on ·		
8. filed in the U.	S. Patent and Trademark Office	under Ser. No.	n <u>5 March 1999</u>
including any division,	continuation, substitute or rene	wel application thereof; said inventio	n, application and Letters Patent to be
held and enjoyed by th	e said Assignee to the full end	of the term for which said Letters Pr	stent is granted, as fully and entirely as
the same would have be	en held by the Assignee had this	; assignment and transfer not been ma	de.
Assignor hereby	authorizes and requests the Co	mmissioner of Patents and Tradema	irks to issue any and all such Letters
Patent for said inventio	n to said Assignee.		•
In testimony who	ereof, the Assignor has hereunto	set his hand this	
30th	day ofMarch	19	
WITNESSES:		INVENTOR(S):	
Carina ve	amuelam	Håkan Ohle	Maren
<u>Magacie b</u>	amuelson fauclott		
g/			

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1. Name of conveying party(ies) Hakan OHLGREN MAY 1 1 1999 Additional name(s) of conveying party(ies) PADEMAN Additional name(s) of conveying party(ies) PADEMAN Address: S-126 25 Stockholm. Sweden Additional name(s) & address(ss) attached? [1] Yes [X] No Other: Execution Date: March 30, 1999 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) 09/623,101 Additional numbers attached? [1] Yes [X] No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Rosald L. Grudriecki Address: Burns. Donne. Swecker & Mathis. L.L.P. Post Office Box 1404 Alexandris. Virginia 22313-1404 8. Deposit account number:	To the Honorable Commissioner of Pennsyland Graiemarks.	Please record the attached original documents or copy thereof.
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PATENT (ADSM. 5)
REEL: 009948 FRAME: 0101 (5/95)

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1. Name of conveying party(ies):	43	Name and address of a	receiving party(ies):
Hakan OHLGREN	MAY 1 1 1999	Name: <u>Telefonski</u>	iebolaget L.M. Bricsson
Additional name(s) of conveying party(iss) attack	WATER THE PARTY OF	Address: <u>\$-126.25</u> \$	tockholm. Sweden
3. Nature of conveyance:			
(X) Assignment [] M	lerger hange of Name	Additional name(s) & address	ne(on) attached? [:] Yes [X] No
Execution Date: March 30, 1999			
Application number(s) or patent number(s) If this document is being filed together with A. Patent Application No.(s) 09/623,101	ith a new application, the ex	. Patent No.(s)	tion is:
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Name: Roseld L. Grudziecki		. Total fee (37 CFR 3.41)	: \$40.00
Address: Burns, Dosne, Swecker & Mar	1.	[X] Enclosed	
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Alexandria, Virginia, 22313-14	404 8	. Deposit account number	me men
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Jennifer Pearson Wright, Registration Number 41. Name of Person Signing	385	Signiture	may 1999

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RECORDED: 05/11/1999 REEL: 009948 FRAME: 0102 (5/95)