Form PTO-1595 (Rev. 06/04)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office			
RECORDATION FORM COVER SHEET  PATENTS ONLY				
To the Director of the U.S. Patent and Trademark Office. Please re	ecord the attached documents or the address(es) below			
1. Name of conveying party(ies)/Execution Date(s): (1) Eva ENGLUND 01-15-2008 (2) Kristina JERSENIUS 01-07-2008 (3) Henning WIEMANN 01-07-2008 (4) Anna LARMO 12-21-2007 (5) Peter MOBERG 12-21-2007	Name and address of receiving party(les):  NAME: Telefonaktiebolaget L M Ericsson (publ)			
additional name(s) of conveying party(ies) attached?  attached? Yes X No	ADDRESS: SE-164 83 Stockholm Sweden			
3. Name of Conveyance:    X Assignment	Additional name(s) & addresses(es) attached?			
4. Application number(s) or patent number(s):	This document is being filed together with a new application			
A. Patent Application No.(s)	B. Patent No.(s)			
12/664,962				
Additional numbers attached? Yes X No				
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name: Brian S. Rosenbloom Address: Rothwell, Figg, Ernst & Manbeck Suite 800 Street Address: 1425 K St., N.W. City: Washington, State: D.C. Zip: 20005 Telephone No.: 202/783-6040 Facsimile No.: 202/783-6031 Email Address: Attorney Docket No.: 3602-101	7. Total fee (37 CFR 3.41): \$40			
DO NOT USE THIS SPACE				
9. Signature. Signature	12/16/01 Date			
Brian S. Rosenbloom, Reg. No. 41,276 Total number of pages including cover sheet, attachments and documents: 8				

PATENT

REEL: 023666 FRAME: 0084

#### ASSIGNMENT (Joint)

THIS ASSIGNMENT, by Eva Englund Kristina Jersenius Henning Wiemann Anna Larmo Peter Moberg

(hereinafter referred to as "the Assignors") residing at Alholmsvägen 4, 589 37LINKÖPING ,Sweden Rekrytgatan 4, lgh 443, 58214 LINKÖPING ,Sweden Monheimsallee 29, 52062 Aachen ,Germany Huopalahdentie 7 B 19, 00330 HELSINKI ,Finland Timotejgatan 7, 11859 Stockholm ,Sweden

respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in "METHODS AND SYSTEMS FOR SCHEDULING RESOURCES IN A TELECOMMUNICATION SYSTEM"

said invention being disclosed in Sweden application no. 0701516-7 filed on 2007-06-19 and said invention being based on PCT application no. PCT/SE2007/051044 filed on 2007-12-19

WHEREAS, Telefonaktiebolaget LM Ericsson (publ), a corporation duly organized under and pursuant to the laws of Sweden and having its principal place of business at S-164-83 STOCKHOLM SWEDEN, (hereinafter referred to as "the Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents of the United States of America that may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, and reissues and extensions of said Letters Patent or Patents, the same to be held and enjoyed by the Assignee, for its use and behoof and the use and the behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent and Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

Page 1 of 7

PATENT REEL: 023666 FRAME: 0085

#### ASSIGNMENT (Joint)

AND for the same consideration, the Assignors hereby convenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions and application for Letters Patent above-mentioned, and that the same are uncumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation, continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request that said Letters Patent or Patent be issued to Assignee as the Assignee of said inventions, the Letters Patent or Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

Date January 15 2008	Signature of Assignor	Eva Englund
Date Jan. 23, 2008	Witnessed by Name: Address:	Elle Posin Alle Posin Palmers gala 12 58937 Linksping Sweden
Date Jan 23, 2008	.Witnessed by Name:  Address:	Jones Früberg Olsson Nilsbovagen 9 59074 Ljungsbro

#### ASSIGNMENT (Joint)

Date January 7, 2008 Signature of Assignor

Mristina Jersenius Kristina Jersenius

Date January 7, 2008 Witnessed by

Name:

Address:

Ke Wong Helwersson Spengerumsgatan 33 587 25 Linkoping Sweden

Date January 71,2008 Witnessed by

Name:

Address:

PONTUS WALLEUTIN

HOÑLMGÄTERSGATANZB

SRIT LINKÓPING

IWEDEL

Date: 2008-01-07	Signature of Assignor	Henning Wiemann
Date 2008=01-07	Witnessed by Name: Address:	Soline Sovies Lothrigash 56 52070 Andrey
Date 2008 - 01 - 07	Witnessed by Name: Address:	MICHAEL MEYER GROSSHEID STR. 77 D-52080 AACHEN

Date 2007 - 12 - 21	Signature of Assignor	Ance
Date 2007 -12 - 21		Anna Larmo
Dello	Witnessed by	G
	Name:	PHERA SUSTRIVAL
	Address:	MANNERHEIMINTE 82 X 13
		ODASO HELSINKI
		FINHAND
Date 2007-12-21		$\sim 110$
Date2007-12-21	Witnessed by	
	Name:	Johan Torsner
	Address:	Skogstorpsv. 269
		02 430 Mase by
		Ph 1. 0

Date 21/12 - 2007	Signature of Assignor	Peter Moberg
Date 21/12 - 2007	Witnessed by Name: Address:	Gunnar Mildh Gunnar Mildh Turebergs Allé 7 19162 Sollentuna SWEDEN
Date 21/12 - 2007	Witnessed by Name: Address:	Willas Johansson  Tojnavagen 27 A  191 34 Sollentuna  Sweden