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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Reiner Ludwig	08/18/2008
Hannes Ekstrom	09/02/2008
Per Willars	09/15/2008

RECEIVING PARTY DATA

Name:	Telefonaktiebolaget LM Ericsson (publ)
Street Address:	SE-164 83
City:	Stockholm
State/Country:	SWEDEN
Postal Code:	SE-164

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12160545

CORRESPONDENCE DATA

Fax Number: (972)583-7864

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ATTORNEY DOCKET NUMBER: P21725-US1

NAME OF SUBMITTER: Thomas Bethea

Total Attachments: 4

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PATENT REEL: 021646 FRAME: 0992 5

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PATENT REEL: 021646 FRAME: 0993

ASSIGNMENT

right, title, and interest in and to the inventions and application for Letters Patent abovementioned, and that the same are unencumbered, and that the Assignor(s) have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

Further, and for the same consideration, the Assignor(s) hereby covenant(s) and agree(s) to and with the Assignee, its successors, legal representatives, and assigns that the Assignor(s) 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 and any multilateral treaty organization, 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. If any of the Assignor(s) is prevented by any obstacles from signing said documents in person, this Assignment shall be valid as a Power of Attorney for the Assignee to sign these documents on behalf of any such Assignor(s) or, in the event of the death of the latter, the estate thereof.

This Assignment shall be governed by and construed under, and any dispute, controversy or claim related hereto shall be decided in accordance with, the laws of:

UNITED STATES

without regard to the conflicts of laws provisions thereof. Any dispute, controversy or claim arising under, out of or relating to this Assignment and any subsequent amendments of this Assignment, including, without limitation, its formation, validity, binding effect, interpretation, performance, breach or termination, as well as non-contractual claims, shall be referred to and finally determined by arbitration in accordance with the WIPO Arbitration Rules. The arbitral tribunal shall consist of a sole arbitrator. The place of arbitration shall be in the country of the inventor's residence. The language to be used in the arbitral proceedings shall be English.

No modifications shall be made to this Assignment unless in writing and signed by each of the Assignor(s) and Assignee. If any of the provisions of this Assignment shall be deemed invalid or unenforceable, then the entire Assignment shall be construed as if not containing the particular invalid or unenforceable provision or provisions, and the rights and obligations of Assignee and Assignor(s) shall be construed and enforced accordingly. Assignee's failure to exercise any option made available as a result hereof, shall not be construed as a waiver of such provisions, rights, or options, or affect the validity of this Assignment. Assignor covenants and agrees that it will not take any actions in violation of this Assignment.

ASSIGNMENT

Date Aug. 18, 2008	Signature of Assignor	REINER LUDWIG
Date 18 Aug. 2008	Witnessed by Name:	Too H Kristenen
	Address:	Gienrah. 5 4728 Heigenmade
Date 18 A - 3 . 2 . 0 8	Witnessed by	Jelojun Je Net
J	Name:	Martina Mertens Pley 13A
		52146 Worselen

Rusthallarevärgen 10

Stockholm, Swedon

ASSIGNMENT

	ASSIGNMENT	
Date Sep 2, 2008	Signature of Assignor	Mannes West Till HANNES EKSTROM
Date <u>Sop 2</u> 2008	Witnessed by	ell
	Name:	DAVID SANDBERG
	Address:	EZIK SANOBERGI GATA P
		169 34 SOLNA
		Sweden
Date Sep 2 2008	Witnessed by	Suy

Name:

Address:

ASSIGNMENT

Date. 15 5 6 7, 2008	Signature of Assignor	Per WILLARS
Date 15th sept 2008	Witnessed by Name: Address:	INCCA RASMUSSON GIBRWELLSG 17 112 60 STDCKHOLM
Date 15 sept 2008	Witnessed by Name: Address:	Ingrid Stenberg Lokevagen 43 18776 Taby