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DEPARTMENT OF COMMERCE Patent and Trademark Office

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Attorney's Docket No. 040000-535

AVENIEN DIE	
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Johan RUNE Yun Chao HU Juan NOGUERA-RODRIGUEZ 7.16.	Name: Telefonaktiebolaget LM Ericsson (Publ)
Yun Chao HU Juan NOGUERA-RODRIGUEZ (15. W)	Address: SE-126, 25, Stockholm, SWEDEN
, , , ,	
Additional name(s) of conveying party(ies) attached? [] Yes [X] No	
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Execution Date: July 24, 2000, July 24, 2000 and August 7, 2000, respectively	
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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)
09/547,991, April 12, 2000	
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: Ronald L. Grudziecki	7. Total fee (37 CFR § 3.41): \$_40.00
Address: Burns, Doane, Swecker & Mathis, L.L.P.	[X] Enclosed
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Stephen W. Palan Res No. 43,420	August 15, 2000.
Stephen W. Palan Name of Person Signing	Signature Date
	Total number of pages including cover sheet, attachments, and document: 3
Mail documents to be recorded with required cover sheet information to:	
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9/11/2000 MTHAI1 00000181 09547991 01 FC:581 40.00 (Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231

(09/99)

THIS ASSIGNMENT, by Johan Rune, Yun Chap Hu, and Juan Noguera-Rodriguez, residing at Mother 5, SE-181 30 Liding Sweden, 68 20 Hommers Mothers (Area May 24/4-00) Yorkshama Japan and 1-34-10-602 Ishiwana Gumpa-ku, 130-0011 Tokro Japan (hereinafter referred to as "the Assignors"), respectively, witnesseth: 3/48 Deman of Eschow Vic 3040 Augustic Land by NR 07/08/00)

WHEREAS, the Assignors have invented certain new and useful improvements in GATEWAY LOCATION REGISTERS IN A UMTS SYSTEM set forth in an application for Letters Patent of the United States,

- - (a) I to be filed herewith; or
 - (b) Dearing Application No., and filed on; or
- (2) which is a non-provisional application
 - (a)
 A having an oath or declaration executed on even date herewith prior to filing of application;
 - (b) bearing Application No. 09/547,991, and filed on AFRIL 12, 2000; or
 - (c) D to be filed; and

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 SE-126-25 STOCKHOLM, SWEDEN (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and Interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

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, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the international Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or 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;

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

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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 applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents 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 or Patents for said inventions, without charge to the 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 authorize and request the attorneys of BURNS, DOANE, SWECKER & MATHIS, L.L.P. of Alexandria, Virginia to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date 24/7-2000 Signature of Assignor Johan RUNE

Date 24/7/2000 Signature of Assignor Yun Chao HU

Date 07/08/2000 Signature of Assignor

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