FORM PTO-1595 (Rev. 6/93)		08-19-1998	EPARTMENT OF COMME Patent and Trademark Of	
	RECORDA		Tucht and Trademark Of	
		100796813	Attorney's Docket No. 040080-0	
To the Honorable Commis	sioner of Patents and Trade	marks. Please record the attached of	riginal documents or copy thereof.	
1. Name of conveying party(ies) Torsten AUGUSTSSON Jean-Pierre WEBER Paul Weber (Legal Representation of Jean-Pierre WEBER)		Name: <u>Telefonal</u>	 Name and address of receiving party(ies): Name: <u>Telefonaktiebolaget LM Ericsson</u> Address: <u>S-126 25 Stockholm</u> 	
Additional name(s) of conveying party(ies) attached? [] Yes [X] No			Sweden	
3. Nature of conveyance:	and a second			
[X] Assignment [] Merger [] Security Agreement [] Change of Name Other:		ne Additional name(s) & addr	Additional name(s) & addressees) attached? [] Yes [X] No	
 4. Application number(s) or pate If this document is being filed A. Patent Application No.(s) 09/032,946 		ation, the execution date of the applic B. Patent No.(s)	cation is:	
	Additional numb	ers attached? Yes [X] No		
 Name and address of party to document should be mailed: 			cations and patents involved: 1	
Name: Ronald L. Grudziecki Address: BURNS, DOANE, SWECKER & MATHIS, L.IP. P.O. Box 1404		7. Total fee (37 CFR 3.41): <u>\$ 40.00</u> [X] Enclosed		
		[X] Authorized to be c	[X] Authorized to be charged to deposit account, if necess	
Alexandria, Virgin	ia 22313-1404	 Deposit account number 02-4800 	er:	
1998 GONEKETT 00000023 09032946	DO N	OT USE THIS SPACE		
Statement and signature.	10 DP belief, the foregoing informati	on is true and correct and any attached c	opy is a true copy of the original docume	
Jeffrey A. Pade	ŧ	age g	August 4, 1998	

Mail documents to be recorded with required cover sheet information to

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Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231

040080-015 Attorney's Docket No.

ASSIGNMENT

THIS ASSIGNMENT, by <u>TORSTEN AUGUSTSSON</u>, and <u>JEAN-PIERRE WEBER</u>, residing at <u>UPPLANDS VÄSBY, SWEDEN</u> and <u>SOLNA, SWEDEN</u> (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in <u>OPTICAL DEVICE</u>, \Box which is a provisional application to be filed herewith; \Box which is a non-provisional application having an oath or declaration executed on even date herewith prior to filing of application; \Box bearing Application No. <u>09/032,946</u>, and filed on <u>MARCH 2, 1998</u>; and

WHEREAS, <u>TELEFONAKTIEBOLAGET LM ERICSSON</u>, a corporation duly organized under and pursuant to the laws of <u>SWEDEN</u> and having its principal place of business at <u>S-126 25 STOCKHOLM</u>, <u>SWEDEN</u> (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 invertions 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 application, 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 Assigners 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;

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

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(10/97)

PATENT REEL: 9382 FRAME: 0452

Application No. <u>09/032,946</u> Attorney's Docket No. <u>040080-015</u>

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 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	_ Signature of Assignor		·
		Torsten AUGUSTSSON	
Date	_ Signature of Assignor	Buy Orang	Times Londall
	Authorized Legal Representative of Jean-Pierre WEBER		

Telefonaldisbolaget LM Ericeson (publ)

040080-015 Attorney's Docket No.

THIS ASSIGNMENT, by <u>PAUL WEBER (LEGAL REPRESENTATIVE OF JEAN-PIERRE WEBER)</u>, residing at <u>REGENMEUTERLAAN 4, 3090 OVERIJSE, BELGIUM</u> (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in <u>OPTICAL DEVICE</u>, \Box which is a provisional application to be filed herewith; \Box which is a non-provisional application having an oath or declaration executed on even date herewith prior to filing of application; \Box bearing Application No. <u>09/032,946</u>, and filed on <u>MARCH 2, 1998</u>; and

WHEREAS, <u>TELEFONAKTIEBOLAGET LM ERICSSON</u>, a corporation duly organized under and pursuant to the laws of <u>SWEDEN</u> and having its principal place of business at <u>S-126 25 STOCKHOLM</u>, <u>SWEDEN</u> (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 application, 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 Assigners 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;

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

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Application No. <u>09/032,946</u> Attorney's Docket No. <u>040080-015</u>

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 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 <u>17 JULY 1957</u> Signature of Assigner

Paul WEBER (Legal Representative of Jean-Pierre WEBER)

P07808SE

Rätt till uppfinning

ÖVERLÅTELSE

Härmed förklarar vi att vi till

TELEFONAKTIEBOLAGET L M ERICSSON.

126 25 STOCKHOLM, SVERIGE överlåtit vår rätt till patent i alla länder på en uppfinning gjord av:

Jean-Pierre Weber och Torsten Augustsson

benämnd: OPTISK ANORDNING

Right to an invention

ASSIGNMENT

We hereby declare, that we have assigned to

TELEFONAKTIEBOLAGET L M ERICSSON, S-126 25 STOCKHOLM, SWEDEN our right to patents, in all countries, on an invention made by:

Sean-Pierre Weber and Torsten Augustsson

bearing the title: OPTICAL DEVICE

inlämnad i Sverige den 7 mars 1997

Överlåtelsen av ovannämnda rätt till uppfinning innefattar ett överförande av patenträttigheterna i alla länder, samt rätten att i alla länder utnyttja konventionsprioritet från den svenska patentansökningen.

FÖRVÄRVAREN förfogar härefter ensam över uppfinningen och innehar med full äganderätt beviljade inoch utländska patent med ursprung i denna.

ÖVERLÅTARNA förpliktar sig att underteckna alla handlingar som erfordras för uttagande av patent och i övrigt alla sådana handlingar som kan erfordras för att göra de härmed överlåtna rättigheterna gällande.

Jkulle ÖVERLÅTARNA vara förhindrade att personligen underteckna nämnda handlingar, gäller denna överlåtelsehandling som fullmakt för FÖRVÄRVAREN att för ÖVERLÅTARNAS räkning - eller om dessa senare nkulle avlida, för ifrågavarande dödsbos räkning underteckna dessa handlingar.

 $K_{15}ha = \frac{10}{3} - 97$ Ort och datum/Place and date

Pin Angra Överlåtarens underskrift/Signature of the Assignor

Torsten Augustsson Namnförtydligande/Clarification of the signature

Jahtvägen 48 Överlåtarens adress/Address of the Assignor

194 61 Upplands Varby 170 56 SOLM, SWEDEN

filed in Sweden on March 7, 1997

with the Application No ... 97.00865-0

The assignment of the above mentioned right to an invention includes a transfer of the patent rights in all countries, as well as the right to use a convention priority of the Swedish patent application in all countries.

The ASSIGNEE alone hereinafter has the entire disposal of the invention and possesses entire ownership to any domestic and foreign patents granted thereinafter.

The ASSIGNORS undertake to sign all documents necessary for taking out a patent and, moreover, all such documents, which may be required to assert the rights transferred hereby.

If the ASSIGNORS are prevented by any obstacles from signing said documents in person, this document of assignment shall be valid as a Power of Attorney for the ASSIGNEE to sign these documents on behalf of the ASSIGNORS or, in the event of the death of the latter, the estate thereof.

KISTA MARCH 10 1397 Place and date/Ort och datum Y Differer Signature of the Assignor/Overlåtarens underskrift

JEAN-FIERRE WEBER Clarification of the signature/Namnförtydligande

UNCERUDANSEN 46 Address of the Assignor/Överlåtarens adress