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FORM PTO 10254	Patent and Trademark Offi 10682
 Name of conveying party(ies): Anderson Stevens Leonidas Gomes Michael Lee Sundheimer Mariana Torres Carvalho Additional name(s) of conveying party(ies) attached? X_YesNo Nature of conveyance: 	····.
Additional numbers a	attached? _ Yes X No
 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Stanley R. Moore JENKENS & GILCHRIST, P.C. 1445 Ross Avenue, Suite 3200 Dallas, Texas 75202-2799 	 6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41): <u>X</u> Check in the Amount of \$40.00 enclosed. <u>X</u> Deficiencies to be charged to deposit accourt 8. Deposit account number: 10-0447
. DO NOT U	SE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing i of the original document. <u>Ross T. Robinson, Reg. No.47,031</u> Name of Person Signing Signature	nformation is true and correct and any attached copy is a true copy <u>August 27, 2003</u> Date:
Total number of pages including cov Mail documents to be recorded with	th required cover sheet information to:
Total number of pages including cov Mail documents to be recorded with Mail Stop Assignment Recordation Services,	

Docket No. 45687-00097 Serial No. 10/385,876

ų,

Additional Conveying Parties:

Joaquim Ferreira Martins-Filho

Carmelo José Albanez Bastos-Filho

Walter Margulis

Execution Date:

April 22, 2003

April 22, 2003

April 11, 2003

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Docket No. 45687-00097 (P05867PC00/CD/ce (Ericsson ref: P16372))

ASSIGNMENT

WHEREAS, We, Anderson Stevens Leonidas Gomes, Michael Lee Sundheimer, Mariana Torres Carvalho, Joaquim Ferreira Martins-Filho, Carmelo José Albanez Bastos-Filho, and Walter Margulis have invented certain new and useful improvements in the following "METHODS AND ARRANGEMENTS IN A PUMPED FIBER AMPLIFIER" for which we have made application for United States Letters Patent, and;

WHEREAS, **Telefonaktiebolaget LM Ericsson (publ)**, a corporation organized and existing under the laws of Sweden, having its principal place of business at SE- 126 25 Stockholm, Sweden (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives our entire right, title and interest in and to said invention and in and to said applications and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, continuation-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

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We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

We further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

We further authorize and direct our attorneys to insert below* the serial number and filing date of said application now identified as Case Docket No. 45687-00097 as soon as the same shall have been made known to them by the United States Patent Office.

*Serial Number: 10/385,876 *Filing Date: March 10,2003

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IN WITNESS WHEREOF, I have hereunto set my hand and seal this 23^{11} day of

. 2003.

Mame: Address: Anderson Stevens Leonidas Gomes Rua Padre Rodrigues Campelo 259/101 50730-670 Recife, Brazil

On the <u>23</u>^m day of <u>april</u>, <u>2003</u> before us personally appeared Anderson Stevens Leonidas Gomes, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he executed the same.

WITNESS (1) SIGNATURE

 $\frac{1}{2}$ WITNESS (2) SIGNATURE

1. M. Minua mom PRINTED NAME

ADDRESS Rua Potenqy, 345 IPSEP S1350180 Reeje - PE Brasil

Linet de Sai Santos PRINTED NAME

PRINTED NAME ADDRESS Rua Prog. Francisco P. de Melo. 6303/103 e Canduig Jaboatas - PE.

Dallas2 964268 v 1, 45687.00097

IN WITNESS WHEREOF, I have hereunto set my hand and seal this $22 \stackrel{\frown}{\longrightarrow}$ day of $April_{1}, 2003$.

Name: Address:

Michael Lee Sundheimer Rua Felix de Brito Melo, 912, apto. 1003, Boa Viagem 51020-260 Recife-PE, Brazil

On the $\underline{22}$ day of \underline{Apul} , $\underline{2003}$ before us personally appeared Michael Lee Sundheimer, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he executed the same.

Claudio Floridia	Claudi Floridia, Recife - PE
WITNESS (1) SIGNATURE	PRINTED NAME
	ADDRESS Department of Mysics
	ADDRESS Department of Physics University Federal of Verrambuca Necife 50670-2001
- Culor Ali In hulle Brow	Carlos Augré de Granduto Bosco, necite-PE
WITNESS (2) SIGNATURE	
	ADDRESS Department of physics
	ADDRESS Department of Allered of Secondares
	Recip 50670-601

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 23^{4} day of 2003.

Name: na Torres Carvalho Address:

Rua Antônio Ferreira Lima, s/n km 4,5, Aldeia 54792-100 Camaragibe, Brazil

On the <u>23</u>th day of <u>APAIL</u>, <u>2003</u> before us personally appeared Mariana Torres Carvalho, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he executed the same

VULDER: 20160 des Jentes PRINTED NAME ADDRESS Flue: General Polidoro, 606 Opt. 03 Jaizen - Receite - PE CEP: 50740-050 BRASIL valder. 30360 30300 de WITNESS (1) SIGNATURE LEONAADO VIANA PEREIAA TURE PRINTED NAME ADDRESS AV. END DOMINGOS FEAREMA 3183/403 BOA VIAGEM - RELIFE - PE 51020-035 BRAZIL

Dellas2 964268 v 1, 45687.00097

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 22^{nd} day of $APRIL_{2003}$.

Daquim Ferreira Martins-Filho ime: Rua José Nunes da Cunha, 248, odress:

Rua José Nunes da Cunha, 248 Apto. 702, Piedade 54410-280 Recife, Brazil

On the <u>22</u>^{maday} of \underline{APnL} , <u>2003</u> before us personally appeared Joaquim Ferreira Martins-Filho, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he executed the same.

Witness (9) SIGNATURE

Eric DE <u>ALBUQUERQUE JONGE</u> <u>ANANTES</u> PRINTED NAME ADDRESS R. Luis Banbalho 120/802 - BOS UISTS RECITE - PE - BASIL - CEP: 50070-120

VITNESS (2) SIGNATURE

SERSIO CAMPELLO OLIVEIRA PRINTED NAME

ADDRESSR. ALMIRANTE TAMANDARE -221 RIU DUCE, OLINDA-1E. BRASIL.

53040-100

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IN WITNESS WHEREOF, I have hereunto set my hand and seal this $\frac{22^{Md}}{APRIL}$, 2003.

annels to José Albanez Bastos-Carmelo

Address:

Filho Av. Cons. Rosa e Silva, 197, Apto. 1004, Espinheiro 52020-220 Recife, Brazil

On the 22^{nd} day of <u>APRIL</u>, <u>2003</u> before us personally appeared Carmelo José Albanez Bastos-Filho, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he executed the same

WITNESS (1) SIGNATURE

WITNESS (2) SIGNATURE

ERIC DE ALBUQUERQUE TORGE ANANTES PRINTED NAME ADDRESS R. 2013 Barbalho 120/802 - BOS VUIS RECIFE - PE - BROZIZ - 50070-120

SEREID CAMPELLO OLIVEIRA PRINTED NAME ADDRESS R. ALMIRANTE TAMANDAKE - 221 RIU DOCE - OLINDA, PE. BRASIL 53040-100

IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of ______.

Name: Address:

Walter Marguilis Walter Marguilis Musseronvägen 58 SE-141 60 HUDDINGE, Sweden

On the <u>1</u> day of <u>April</u>, <u>2003</u> before us personally appeared Walter Margulis, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he executed the same.

Anders Djupsjöbacha

Aufles gazzif Flat.

WITNESS (1) SIGNATURE

PRINTED NAME ADDRESS

WITNESS (2) SIGNATURE

ANDERS BERRITSON

PRINTED NAME ADDRESS

Dallas2 964268 v 1, 45687.00097

RECORDED: 08/28/2003