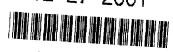
## 12-27-2001

Form PTO-1595 RE (Rev. 03/01) (modified)



HEET

U.S. DEPARTMENT OF COMMERCE U.S. Patent And Trademark Office

OMB No. 0651-0027 (exp 5/31/2002)  To the Honorable Commissioner For Patents: Please re-	5844 inal documents or copy thereof:				
Name of conveying party(ies):	2. Name and address of receiving party(ies):				
Sol P. DiJaili, Jeffrey D. Walker and Frank G. Patterson	Name: Genoa Corporation				
Additional name(s) of conveying party(ies) attached?  Yes No MRD	Internal Address:				
3. Nature of Conveyance:	Street Address: 41762 Christy Street				
Assignment Merger  Security Agreement Change of Name	City: Fremont				
Other:	State: CA Zip: 94538				
Cinci.	Additional name(s) & address(es) attached?				
Execution Date: 12/12/2001	Yes No				
<ul> <li>4. Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new application</li> <li>A. Patent Application No.(s): 10016954</li> </ul>	on, the execution date of the application is: 12/12/2001  B. Patent No.(s):				
A. Patent Application No.(s):  12/19/2001 52EMDIE1 00000047 10016954  03 FC:28. 40.00 0F Additional numbers a					
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1				
Name: Michael W. Farn, Esq.	7. Total fee (37 CFR 3.41): \$40.00				
Internal Address: Fenwick & West LLP					
Street Address: Two Palo Alto Square	Fee Transmittal Enclosed				
City: Palo Alto State: CA Zip Code: 94306	deposit account.				
DO NOT US	8. Deposit Account No.: SE THIS SPACE				
9. Statement and signature:					
To the best of my knowledge and belief, the foregoing informative copy of the original document.  Michael W. Farn, Reg. No. 41,015	hation is true and correct and any attached copy is a  December 13, 2001				
Name of Person Signing	Signature Date				
Total πumber of pages including co	ver sheet, attachments, documents: 4				
Mail documents to be recorded with required cover sheet information to: Box A Case Docket No.: 21153-05932	Assignment, Commissioner For Patents and Trademarks, Washington, D.C. 20231				

## **ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to Genoa Corporation, a California corporation, having a place of business at 41762 Christy Street, Fremont, California 94538 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1.	The	entire	worldwid	le right,	title,	and	interest	in	all in	vention	ns and
improvements	("SU	JBJECT	MATTE	R") that	are dis	sclos	ed in the	pro	vision	al appl	ication
filed under 3.	5 U.S	S.C. §1	11(b) or	non-pro	visiona	l app	plication	file	d und	ler 35	U.S.C.
§111(a) and e	entitle	ed Bro	adband (	Gain-Cla	amped	Sem	niconduc	tor	Optic	al Am	plifier
Devices ("API	PLICA	ATION	"), which:								

$\boxtimes$	is to be filed herewith	
	was filed on,	
	now bearing U.S. application number_	; and

- 2. The entire worldwide right, title, and interest in and to:
- (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all utility, divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), (c) and (d) above; and (e) all right of priority in the APPLICATION, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

PATENT REEL: 012385 FRAME: 0214

Re: Title: Filed: (if applicable) Serial No.: (if applicable)	Broadband Gain-O Not yet known Not yet known	Clamped Semiconducto	or Optical Amplifier
Name and Signature  Sol P. DiJaili	John .	Date of Signature  Dec. 12,2001	Date Declaration Executed By This Person  Ou-12,2001
State ofCounty of	}S.S.		
appeared [INVENTOR] be the person whose name is su	personally known to build to the with	o me or proved to me or in instrument and ackno	personally TARY PUBLIC] In the basis of satisfactory evidence to Developed to me that he/she executed the instrument the person, or the entity
upon behalf of which the person			
Name and Signature		Date of Signature	Date Declaration Executed By This Person
Jeffrey D. Walker  State of County of	}S.S.	Dec 12 ,2001	Dec 12,2001
[INVENTOR] be the person whose name is su	personally known to be abscribed to the with capacity, and that by	o me or proved to me or in instrument and ackno- his/her signature on the	personally TARY PUBLIC] In the basis of satisfactory evidence to Developed to me that he/she executed the instrument the person, or the entity
Notary Seal		Nota	ary

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Case Docket # 21153-05932

Title of Document: ASSIGNMENT

PATENT REEL: 012385 FRAME: 0215

**PATENT** 

Title of Document: ASSIGNMENT						
Re: Title: Filed: (if applicable) Serial No.: (if applicable)	Broadband Gain-C Not yet known Not yet known	Clamped Semiconductor	Optical Amplifier			
Name and Signature  And S. Ad  Frank G. Patterson		Date of Signature  Dec. 12,2001	Date Declaration  Executed By This Person  Oct. 12:2001			
State ofCounty of	}\$5.5. }					
On						
Notary Seal		Notar	y 21153/05932/DOCS/1227439.1			

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Case Docket # \_\_\_\_21153-05932

**RECORDED: 12/13/2001** 

PATENT REEL: 012385 FRAME: 0216