$\cdot$	Docket No.: COHO-5092		
FORM PTO-1595 (Modified) (Rev. 03-01) (130 (130 (130 (130 (130 (130 (130 (130	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
OMB No. 0651-0027 (exp.5/31/2002)			
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To the Director of the United States Patent a 1028	21645ched original documents or copy thereof.		
1. Name of conveying party(ies): Christian J. Shackleton Phillip J. Gardner Anthony J. DeMaria	2. Name and address of receiving party(ies): Name: COHERENT, INC.		
Vernon Seguin John T. Kennedy	Internal Address: 5100 Patrick Henry Drive		
Additional names(s) of conveying party(ies)			
3. Nature of conveyance:			
Assignment  Merger	Street Address: 5100 Patrick Henry Drive		
Security Agreement     Change of Name			
□ Other	City: Santa Clara State: CA ZIP: 95054		
Execution Date: June 23, 2004	Additional name(s) & address(es) attached?		
4. Application number(s) or patent numbers(s):	FIN, FIN,		
If this document is being filed together with a new application			
A. Patent Application No.(s)	B. Patent No.(s)		
	B. Patent No.(s)		
10/869,964	B. Patent No.(s)		
Additional numbers attac	hed? 🗋 Yes 🛛 No		
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involved:		
Name: STALLMAN & POLLOCK LLP	7. Total fee (37 CFR 3.41):\$ 40.00		
Internal Address: Attn: Michael A. Stallman	Enclosed - Any excess or insufficiency should be credited or debited to deposit account		
6	Authorized to be charged to deposit account		
Street Address: <u>353 Sacramento Street, Suite 2200</u> 08/24/2004 ECODPER 00000056 10869964	8. Deposit account number:		
01 FC:8021 40.00 DP	50-1703		
City: San Francisco State: CA ZIP: 94111	(Attach duplicate copy of this page if paying by deposit account)		
	USE THIS SPACE		
<ol> <li>Statement and signature.</li> <li>To the best of my knowledge and belief, the foregoing inform of the original document.</li> </ol>	ation is true and correct and any attached copy is a true copy		
Michael A. Stallman (Reg. No. 29,444)	August / 2, 2004		
Name of Person Signing	Signature		
Total number of pages including cover sh	4		
	n required cover sheet information to: t Recordation Services		
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REEL: 015712 FRAME: 0175

## ASSIGNMENT

WHEREAS, WE, Christian J. Shackleton, Phillip J. Gardner, Anthony J. DeMaria, Vernon Seguin and John T. Kennedy, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: DIELECTRIC COUPLED CO2 S	SLAB LAS	ER			
Application (Declaration/Oath) Execution Date:	June 23	2004		<u> </u>	
Filing Date: June 17, 2004			Application No.:	10/869,964	

WHEREAS, COHERENT, INC., a corporation of the State of Delaware, 5100 Patrick Henry Drive, Santa Clara, California 95054 hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any such Letters Patent.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Stallman & Pollock LLP, 353 Sacramento Street, Suite 2200, San Francisco, California 94111, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Date: 6/23/34 × C.J. Shackleton State of Convecticut

County of 1/ARTFORD

On <u>JUNE 73 2004</u> before me, <u>HARMON LEETE</u> personally appeared <u>CHRISTIAN J. SHACKLETEN</u> personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

W. Harry

W. MARMON LEETE No. CATO FUBLIC

MY COMMISSION EXTERES JUNCE CO. 2006

Signature of Notary

SEAL

PATENT REEL: 015712 FRAME: 0176

Attorney Docket No. COHO-5092

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated

below. Phillip J. Gardne 6/23/04 Jandho Date: State of CANNECTICUT County of HARTFORD On JUNE 33 2004 before me, <u>LU HARMON LESTE</u>, personally appeared <u>PHILLIP J. GARDNER</u> personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. WITNESS my hand and official seal. Signature of Notary W. MARMON LEETE NGRAEY PUBLIC SEAL MY COMMISSION EXPIRES JUNE 30, 2008 IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below. · Ceciflony J. Helloria Anthony J. DeMaria 6/23/04 Date: State of County of HARTFORD On JUNE 23, 2004 before me, W. HARMONS LESTE personally appeared ANTHONSY J. DE MARIA personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. WITNESS my hand and official seal. Signature of Notary

SEAL

PATENT REEL: 015712 FRAME: 0177

VOTANY PUBLIC

Y COMMISSION EXPIRES JUNE 30, 2008

Attorney Docket No. COHO-5092

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated

below. \_ \_ Date: 06/23/04x C Vernon Seguin State of CONNECTICUT County of \_\_\_\_ HARTFORD

On JUNG 23 2004 before me, W. HARMON LOGTO, personally appeared Vernow Security personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their

signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

W. Harmon Signature of Notary

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SEAL

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Date: 6-23-07

John T. Kennedy

State of CONNECTICOT

County of 14ARTFORD

On JUNE 23 2004 before me, W. HARMON 65575 personally appeared JOHN T. KENNEDY personally known to me or proved to me on the

WITNESS my hand and official seal.

W. Harma

NO PARY PUBLIC N COMMISSION EXPIRES JUNE 20, 2008

W. HARMON L

Signature of Notary

SEAL

PATENT REEL: 015712 FRAME: 0178

**RECORDED: 08/23/2004**