Docket No.: COHP-5721 02-15-2007 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08/REV04 103372863 Tab settings → → To the Director of the United States Patern and Fragernark Onice. Please record the attached original documents or copy thereof. 2.12.07 Name and address of receiving party(ies): Name of conveying party(ies): Arash Ghorbani Peter Frank Name: COHERENT, INC. R. Ian Edmond Internal Address: 5100 Patrick Henry Drive Additional names(s) of conveying party(ies) ☐ Yes ☒ No 3. Nature of conveyance: ☑ Assignment □ Merger Street Address: 5100 Patrick Henry Drive ☐ Change of Name ☐ Security Agreement □ Other City: Santa Clara ZIP: 95054 State: CA Execution Date: November 30, 2006 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) Filing Date B. Patent No.(s) 11/589,352 10/30/2006 02/13/2007 DBYRNE 00000176 11589352 bi FC:8021 40.00 GP Additional numbers attached? ☐ Yes ☑ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved:

concerning document should be mailed:

Name: STALLMAN & POLLOCK LLP

Internal Address: Attn: Michael A. Stallman

Street Address: 353 Sacramento Street, Suite 2200

8. Deposit account number:
50-1703

City: San Francisco State: CA ZIP: 94111 (Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

DO NOT USE THIS SPACE

Michael A. Stallman (Reg. No. 29,444)

February 3, 2007

Name of Person Signing

Signature

3

7. Total fee (37 CFR 3.41):....\$ 40.00

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Enclosed - Any excess or insufficiency should be

Date

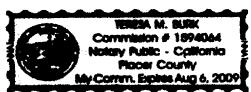
Total number of pages including cover sheet, attachments, and document:

ASSIGNMENT

WHEREAS, WE, <u>Arash Ghorbani</u>, <u>Peter Frank and R. lan Edmond</u>, 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:

Filing Date:	October 30, 2006	Amaliantia	n No :	14/500 252	
Filing Date:		••		11/589,352	
95054 hereinafte	REAS, <u>COHERENT, INC.</u> , a corpora er referred to as "ASSIGNEE", is des in any Letters Patent which may be s	sirous of acquiring the entire	<u>, 5100 Patrick</u> right, title and	Henry Drive, Santa interest in the said in	Clara, California nvention and
valuable conside by these present interest in and to granted on the s whole or in part, said Assignee as	THEREFORE, TO ALL WHOM IT Meration, receipt of which is hereby acts do sell, assign and transfer unto the test of the said invention, said application ame in the United States and all cousubstitutions, conversions, reissues is fully and exclusively as it would hat to the full end and term of any such	knowledged by Assignors, A he said Assignee, and Assign for United States Letters Pat untries throughout the world in prolongations or extensions we been held and enjoyed by	ssignors have nee's success ent, and any ncluding any s thereof, said	e sold, assigned and fors and assigns, all r Letters Patent which divisions, renewals, of interest to be held a	transferred, and right, title and may hereafter be continuations in nd enjoyed by
Assignee in the including applica perform such oth	nors further agree that they will, with prosecution of said application and/o ations for Letters Patent and for the ner acts as Assignee lawfully may re untries, and to vest title thereto in sa	or applications, execute, verif reissue thereof, and instrume equest, to obtain or maintain l	y, acknowled nts of assignr _etters Patent	ge and deliver all suc nent and transfer the t for said invention an	th further papers, reof, and will
Assigr California 94111	nors hereby authorize and request S , to insert herein above the applicati	Stallman & Pollock LLP, 353 Ston number and filing date of	Sacramento S said applicati	treet, Suite 2200, Sa on when known.	n Francisco,
IN TE	STIMONY WHEREOF, Assignor has	s hereunto signed his/her nar	nerto this ass	ignment on the date i	indicated below.
Date:	30-06	Arash Orti	orbani	<u>, , , , , , , , , , , , , , , , , , , </u>	
State of <u>CA</u>	LIFORNIA				
County of PL	ACEC				
basis of satisfact	BER 30, 2006 ared <u>ARASH (THORB)</u> tory evidence to be the person(M) which we have a same in his/na/th, erson(M), or the entity upon behalf o	nose name(s ŭ is/a ié subscriba	M. Bu personally keed to the with and that by his executed the	RK, NOTAPY I nown to me or proved in instrument and ack s/hb/(their signature) instrument.	WBLK d to me on the knowledged to on the
			WITNESS m	y hand and official se	eal.
			_Jer	wa m B	mik
			Signature of	Notary	•

SEAL



Title of Invention: VACUUM CELL FOR OPTICAL COMPONENTS

PATENT REEL: 018909 FRAME: 0832

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her n	name to this assignment on the date indicated below.
Date: 11 30 2006	rank
State of CALIFORNIA	
County of PLACER	
On NOVEMBER 30, 2006 before me, TERESA (personally appeared PETER FRANK) basis of satisfactory evidence to be the person (%) whose name (x) is/34 subscrime that he/s) e/that executed the same in his/har/that authorized capacity (is instrument the person (x), or the entity upon behalf of which the person (x) acted	m. BURK, NOTARY PUBLIC personally known to me or proved to me on the ribed to the within instrument and acknowledged to any and that by his/her/thur signature(s) on the d, executed the instrument.
	WITNESS my hand and official seal.
SEAL TERESA M. BURK Commission # 1594064 Notary Public - Collionia	Signature of Notary
My Comm. Expires Aug 6, 2009	
IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her r	
Date: $\frac{l/30/06}{R_{-}}$	Ann Glussel
	read Cectricity
v	Dan Edmond
·	Edmond
State of CALIFORNIA County of PLACER	Edmond
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State of CALIFORNIA County of PLACER	M. BURK. NOTARY PABLIC personally known to me or proved to me on the proved to the within instrument and acknowledged to a signature of on the signature of on the
State of	m. BURK. NOTARY PUBLIC personally known to me or proved to me on the ribed to the within instrument and acknowledged to an and that by his/per/the signature on the d, executed the instrument. WITNESS my hand and official seal.
State of	M. BURK. NOTARY PABLIC personally known to me or proved to me on the control of the within instrument and acknowledged to be and that by his/her/ther signature of on the d, executed the instrument. WITNESS my hand and official seal. Lucium M. Bawak.
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State of	M. BURK. NOTARY PABLIC personally known to me or proved to me on the control of the within instrument and acknowledged to be and that by his/her/ther signature of on the d, executed the instrument. WITNESS my hand and official seal. Lucium M. Bawak.

RECORDED: 02/12/2007

PATENT REEL: 018909 FRAME: 0833