FORM PTO-1595 (Modified) (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) P08/REV03	102143515	ER SHEET	U.S. DEPARTMENT OF COMM Patent and Trademark
Ta the Hangrahle Commissioner	<u> </u>	None manual 4h - 244 - 4 - 4 - 4	Compres.
To the Honorable Commissioner of the	- Z/ - 2Z	2. Name and address of rece Name: Molecular OptoEle Internal Address:	iving party(ies):
Additional names(s) of conveying party(ies) ☐ Yes ☒ No		
3. Nature of conveyance: DOCUMEN	I ID NO. 102060663		
🖾 Assignment	☐ Merger	Street Address: 877 25th S	Street
☐ Security Agreement	☐ Change of Name		
Other KC 10/11/01; RESERVED Date PG 10/11/01; RESERVED PG 10/11/01; RESERV		•	State: NY ZIP: 12189
4. Application number(s) or patent n	iumbers(s):		
If this document is being filed tog	ether with a new application,	the execution date of the appli	cation is:
A. Patent Application No.(s)		B. Patent No.(s)	
09/812,097		hado 🗇 Vaa 🕅 Ma	
	Additional numbers attac	hed? 🔲 Yes 🛛 No	
Name and address of party to wh concerning document should be		Total number of application	ns and patents involved:
Name: Martha L. Boden, Esq.		7. Total fee (37 CFR 3.41):	\$ 0.00
Internal Address:		Enclosed - Any excess or insufficiency should be credited or debited to deposit account	
		Authorized to be charg	ed to deposit account
Street Address: Heslin Rothenbo	erg Farley & Mesiti P.C.	8. Deposit account number:	
5 Columbia Circle		08-1935	
City: Albany	State: NY ZIP: 12203	(Attach duplicate copy of this page if paying by deposit account)	
	DO NOT	USE THIS SPACE	
 Statement and signature. To the best of my knowledge and of the original document. Martha L. Boden, Esq. Reg. No. 3 	Ma W.	ation is true and correct and an	y attached copy is a true copy June 21, 2002
Name of Person Signing		Signature	13 Date
Total num	ber of pages including cover st	neet, attachments, and document:	

07-02-2002

Docket No.: 0953,093

	Docket No.: 0953.093	
FORM PTO 1595 (Modified) Rev. 03-01) DMB No. 0651-0027 (exp.5/31/2002) P08/REV03 Tab settings → → ▼	SHEET U.S. DEPARTMENT OF COMMERCY Patent and Trademark Office A Company of the Commercy of	
To the Honorable Commissioner of Fatents and Trademarks.	Please record the attached original documents or copy thereo.	
1. Name of conveying party(ies): Kwok P. Chan Robert Filkins David G. Gascoyne Richard A. Hogle Robert C. Tatar	Name: Molecular OptoElectronics Corporation Internal Address:	
Additional names(s) of conveying party(ies) attached?		
3. Nature of conveyance: DOCUMENT ID NO. 101956022		
☑ Assignment ☐ Merger	Street Address: 877 25th Street	
☐ Security Agreement ☐ Change of Name		
☐ Other	City: Watervliet State: NY ZIP: 12189	
Execution Date: Oct. 11, 2001; Oct. 15, 2001; Oct. 17, 2001	Additional name(s) & address(es) attached? 🔲 Yes 🗷 No	
09/812,097 Additional numbers attack	ched? ☐ Yes 🗷 No	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Martha L. Boden, Esq.	7. Total fee (37 CFR 3.41):\$ 0.00	
Internal Address:	☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account	
	Authorized to be charged to deposit account	
Street Address: Heslin Rothenberg Farley & Mesiti P.C.	8. Deposit account number:	
5 Columbia Circle	08-1935	
City: Albany State: NY ZIP: 12203	(Attach duplicate copy of this page if paying by deposit account)	
	USE THIS SPACE	
9. Statement and signature. To the best of my knowledge and belief, the foregoing inform of the original document. Martha L. Boden, Esq. Reg. No. 39,115	Pation is true and correct and any attached copy is a true copy April 1, 2002	
Name of Person Signing Total number of pages including cover s	Signature sheet, attachments, and document: Date	

L ocket No.: 0953.093 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMER (Rev 03-01) OMB No. 0651-0027 (exp.5/31/2002) Patent and Trademark Off P08/REV03 Tab settings 🔷 🔷 💠 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereo. 1. Name of conveying party(ies): 2. Name and address of receiving party(it as): Kwon P. Chan Robert C. Tatar Robert Filkins Name: Molecular OptoElectronics Corporation David G. Gascoyne Richard A. Hogel Internal Address: Kevin J. Shughnessy 3. Nature of conveyance: Assignment Street Address: 877 25th Street ☐ Merger ☐ Security Agreement ☐ Change of Name Other ____ City: Watervliet _____ State: NY ZIP: 12189 Execution Date: Oct. 11, 2001; Oct. 15, 2001; Oct. 17, 2001 Additional name(s) & address(es) attached? Yes No 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) B. Patent No.(s) 09/812,097 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: Martha L. Boden, Esq. 7. Total fee (37 CFR 3.41):....\$ 40,00 Internal Address: Enclosed - Any excess or insufficiency should be credited or debited to deposit account 01/23/2002 GTON11 00000205 09812097 D1 FC:581 40.00 DP Authorized to be charged to deposit account Street Address: Heslin Rothenberg Farley & Mesiti P.C. 8. Deposit account number: 08-1935 5 Columbia Circle (Attach duplicate copy of this page if paying by deposit account) City: Albany __ State: NY ZIP: 12203 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing intermation is true and correct and any attached copy is a true copy of the original document. Martha L. Boden Reg. No. 39,115 Nov. 8, 2001 Name of Person Signing Date Total number of pages including cover sheet, attachments, and document: Mail documents to be recorded with required cover sheet information to:

Mall documents to be recorded with required cover sheet information to Commissioner of Patents & Trademarks, Box Assignments Washington D.C. 20231

PATENT

REEL: 013032 FRAME: 0205

ASSIGNMENT

WHEREAS, We, Kwok P. Chan, Robert Filkins, David G. Gascoyne, Richard A. Hogle, and Robert C. Tatar, citizens of the United States of America and Hong Kong, residing at 34 Riding Club Road, Troy, New York 12180; 2114 Rankin Road, Niskayuna, New York 12309; 1487 Lexington Avenue, Schenectady, New York 12309; 206 Shirlwood Drive, Schenectady, New York 12306; and 567 Grand Avenue, Saratoga Springs, New York 12866, respectively, have invented certain new and useful improvements in FIBER OPTIC POWER CONTROL SYSTEMS AND METHODS which are the subject of United States Patent Application Serial No. 09/812,097, filed March 19, 2001; and

WHEREAS, Molecular OptoElectronics Corporation having offices at 877 25th Street, Watervliet, New York 12189-1903, is desirous of obtaining the entire right, title and interest in, to and under said improvements and said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, said Kwok P. Chan, Robert Filkins, David G. Gascoyne, Richard A. Hogle, and Robert C. Tatar, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said Molecular OptoElectronics Corporation, its successors, legal representatives and assigns, the entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said Molecular OptoElectronics Corporation, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREEY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

PATENT REEL: 013032 FRAME: 0206

AND WE HEREBY further covenant and agre	e that we will communicate to said
Molecular OptoElectronics Corporation, its success	sors, legal representatives and assigns, any
facts known to us respecting said improvements, and t	estify in any legal proceeding, sign all
lawful papers, execute all divisional, continuing and re	eissue applications, make all rightful oaths
and generally do everything possible to aid said Molec	cular OptoElectronics Corporation, its
successors, legal representatives and assigns, to obtain	and enforce proper patent protection for
said improvements in all countries.	
IN TESTIMONY WHEREOF, I hereunto set r	ny hand and seal this day of
October, 2001.	
	Kwok P. Chan
STATE OF NEW YORK)	22.11022.21.1022.01.2
) ss.: COUNTY OF)	
COUNTY OF)	
On this day of June, 2001, before me pers and known to me to be the person of that name, who sand he acknowledged the same to be his free act and d	igned and sealed the foregoing instrument,

Notary Public

IN TESTIMONY WHEREOF, I he	reunto set my hand and seal this 15_ day of
October, 2001.	
	11.4711
	Robert Fixins
STATE OF NEW YORK)	RODORT DAMES
) ss.: COUNTY OF)	
COUNTY OF)	
On this day of June 2001 before	ore me personally came Robert Filkins, to me known
	ame, who signed and sealed the foregoing instrument,
and he acknowledged the same to be his fre	· · · · · · · · · · · · · · · · · ·
	Notary Public
	Tiolary I dolle
IN TESTIMONY WHEDEOE I be	rounto set my hand and seal this day of
	reunto set my hand and seal this day of
October, 2001.	
	David G. Gascoyne
STATE OF NEW YORK)	
) ss.:	
COUNTY OF)	
On this day of June, 2001, before	ore me personally came David G. Gascoyne, to me
 -	f that name, who signed and sealed the foregoing
instrument, and he acknowledged the same	to be his free act and deed.

Page 3 of 4

Notary Public

IN TESTIMONY	WHEREOF, I hereunto s	et my hand and seal this	day of
October, 2001.			
		Dishard A III ala	
STATE OF NEW YORK)	Richard A. Hogle	
TAIL OF NEW TORK) ss.:		
COUNTY OF	_)		
<u> </u>	to be the person of that na	personally came Richard A. Hame, who signed and sealed this free act and deed.	~
		Notary Public	
IN TESTIMONY October, 2001.	WHEREOF, I hereunto s	et my hand and seal this	day of
		Robert C. Tatar	
STATE OF NEW YORK)	resource. Tutal	
) ss.:		
COUNTY OF	_)		
-	e person of that name, wh	personally came Robert C. Ta no signed and sealed the foreg and deed.	
		Notary Public	

Page 4 of 4

ASSIGNMENT

WHEREAS, We, Kwok P. Chan, Robert Filkins, David G. Gascoyne, Richard A. Hogle, and Robert C. Tatar, citizens of the United States of America and Hong Kong, residing at 34 Riding Club Road, Troy, New York 12180; 2114 Rankin Road, Niskayuna, New York 12309; 1487 Lexington Avenue, Schenectady, New York 12309; 206 Shirlwood Drive, Schenectady, New York 12306; and 567 Grand Avenue, Saratoga Springs, New York 12866, respectively, have invented certain new and useful improvements in FIBER OPTIC POWER CONTROL SYSTEMS AND METHODS which are the subject of United States Patent Application Serial No. 09/812,097, filed March 19, 2001; and

WHEREAS, Molecular OptoElectronics Corporation having offices at 877 25th Street, Watervliet, New York 12189-1903, is desirous of obtaining the entire right, title and interest in, to and under said improvements and said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, said Kwok P. Chan, Robert Filkins, David G. Gascoyne, Richard A. Hogle, and Robert C. Tatar, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said Molecular OptoElectronics Corporation, its successors, legal representatives and assigns, the entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said Molecular OptoElectronics Corporation, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

REEL: 013032 FRAME: 0210

AND WE HEREBY further covenant and agree that we will communicate to said Molecular OptoElectronics Corporation, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Molecular OptoElectronics Corporation, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set r	ny hand and seal this 1 day of
October, 2001. —	Kwok P. Chan
STATE OF NEW YORK)	
) ss.:	
COUNTY OF)	
On this day of June, 2001, before me pers and known to me to be the person of that name, who s and he acknowledged the same to be his free act and d	igned and sealed the foregoing instrument,
-	Notary Public

IN TESTIMONY WHEREOF, I he	ereunto set my hand and seal this day of
October, 2001.	
	Robert Filkins
STATE OF NEW YORK)	
) ss.: COUNTY OF)	
COUNTY OF)	
	fore me personally came Robert Filkins, to me known name, who signed and sealed the foregoing instrument ee act and deed.
	Notary Public
IN TESTIMONIV WHEDEOF I be	ereunto set my hand and seal this 11 day of
	treunto set my hand and scar tins H day of
October, 2001.	David G. Gascoyne
STATE OF NEW YORK)	David C. Gustoyne
) ss.:	
COUNTY OF)	
	fore me personally came David G. Gascoyne, to me of that name, who signed and sealed the foregoing e to be his free act and deed.
	Notary Public

	into set my hand and seal this day of
October, 2001.	
STATE OF NEW YORK)) ss.: COUNTY OF)	Richard A. Hogle
On this day of June, 2001, before	me personally came Richard A. Hogle, to me nat name, who signed and sealed the foregoing be his free act and deed.
	Notary Public
IN TESTIMONY WHEREOF, I hereu October, 2001.	nto set my hand and seal this day of
30.0301, 2 001.	Robert C. Tator Robert C. Tatar
STATE OF NEW YORK)	Robert C. Tatai
) ss.: COUNTY OF)	
	me personally came Robert C. Tatar, to me known e, who signed and sealed the foregoing instrument, act and deed.
	Notary Public

Page 4 of 4

ASSIGNMENT

WHEREAS, We, Kwok P. Chan, Robert Filkins, David G. Gascoyne, Richard A. Hogle, and Robert C. Tatar, citizens of the United States of America and Hong Kong, residing at 34 Riding Club Road, Troy, New York 12180; 2114 Rankin Road, Niskayuna, New York 12309; 1487 Lexington Avenue, Schenectady, New York 12309; 206 Shirlwood Drive, Schenectady, New York 12306; and 567 Grand Avenue, Saratoga Springs, New York 12866, respectively, have invented certain new and useful improvements in FIBER OPTIC POWER CONTROL SYSTEMS AND METHODS which are the subject of United States Patent Application Serial No. 09/812,097, filed March 19, 2001; and

WHEREAS, Molecular OptoElectronics Corporation having offices at 877 25th Street, Watervliet, New York 12189-1903, is desirous of obtaining the entire right, title and interest in, to and under said improvements and said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, said Kwok P. Chan, Robert Filkins, David G. Gascoyne, Richard A. Hogle, and Robert C. Tatar, have sold, assigned, transferred and set over, and by these presents do hereby sell. assign, transfer and set over, unto said Molecular OptoElectronics Corporation, its successors. legal representatives and assigns, the entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions. renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said Molecular OptoElectronics Corporation, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

PATENT REEL: 013032 FRAME: 0214 AND WE HEREBY further covenant and agree that we will communicate to said Molecular OptoElectronics Corporation, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Molecular OptoElectronics Corporation, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set m	ny hand and seal this day of
October, 2001.	
	Kwok P. Chan
STATE OF NEW YORK)	
) ss.:	
COUNTY OF)	
On this day of June, 2001, before me person and known to me to be the person of that name, who si and he acknowledged the same to be his free act and determined to the same to be act and determined	gned and sealed the foregoing instrument,
	Notary Public

	HEREOF, I hereunto set 1	ily liceria aria ocur ar	way vi
October, 2001.			
	-	Robert Filkin	ns
STATE OF NEW YORK)		
COUNTY OF)		
On this day of and known to me to be the pand he acknowledged the sa	June, 2001, before me per person of that name, who ame to be his free act and	signed and sealed to	t Filkins, to me known e foregoing instrumen
	-	Notary Publi	c
DA TOCTO (ONIA U	/HEREOF, I hereunto set	my hand and seal th	nis day of
	HEREOF, I nereumo ser	my nand and sear th	day or
October, 2001.			
		David G. Ga	scoyne
STATE OF NEW YORK)		•
) ss.:		
COUNTY OF	_)		
On this day of known and known to me to instrument, and he acknow	June, 2001, before me pe be the person of that nan ledged the same to be his	ne, who signed and s	d G. Gascoyne, to me sealed the foregoing
		Notary Publ	ic

Page 3 of 4

IN TESTIMONY WHEREOF, I hereunto set my ha	and and seal this 17th day of
October, 2001.	and and scar this 11 day of
STATE OF NEW YORK)	Richard A. Høgle
COUNTY OF COUNTRY OCTOBER	
On this 17 day of 1 day, 2001, before me personall	y came Richard A. Hogle, to me
known and known to me to be the person of that name, who	signed and sealed the foregoing
instrument, and he acknowledged the same to be his free ac	Notary Public
	Notary Public C
	JOAN M. KING Notary Public in the State of New York Qualified in Schenectady County My Commission Expires May 31, 20.
IN TESTIMONY WHEREOF, I hereunto set my ha	
October, 2001.	
· · · · · · · · · · · · · · · · · · ·	
STATE OF NEW YORK)	Robert C. Tatar
) ss.:	
COUNTY OF)	
On this day of June, 2001, before me personall and known to me to be the person of that name, who signed and he acknowledged the same to be his free act and deed.	
	Notary Public

Page 4 of 4

RECORDED: 04/01/2002