05-10-1999

## Attorney Docket No. 015999-11US

	PTO-1595	et U.S. Department of Commerce
(Rev. (	Honorable Asst. Commissione 101032613	Patent and Trademark Office
	me of conveying party(ies):	2. Ivanic and address of receiving partities E VE
	Michael Hoppe	Name: Kaiser Electro-Optics, Inc.
Additional name(s) of conveying parties attached? ☐ Yes ☒ No.		Internal Address:
		Street Address: 2752 Loker Avenue West
3. Nat	ture of conveyance: 4.29.99	City: Carlsbad State: CA ZIP: 92008
$\boxtimes$	Assignment Merger	
	Security Agreement	Additional names and addresses attached? ☐ Yes ☒ No
	Other:	
Execu	tion Date: April 13, 1999	
4. App	olication Number(s) or Patent Numbers.	<u></u>
If this	document is being filed together with a new application, the e	xecution date of the application is:
	A. Patent Application No(s): 09/239,356	B. Patent No(s):
	Additional numbers attached?	☐ Yes ☒ No
	me and address of party to whom correspondence ming document should be mailed:	Total number of applications and patents involved 1
Name:		7. Total fee (37 CFR 3.41):\$40
	TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8 <sup>th</sup> Floor	☐ Enclosed ☐ Charge Fees to Deposit Account
	San Francisco, California 94111-3834	
	(415) 576-0200	Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.
		8. Deposit account number: 20-1430
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origina	To the best of my knowledge and belief, the foregoing is track document.	rue and correct and any attached copy is a true of copy of the
	David G. Beck Name of Person Signing Signature	#/2x / 99 Date
	Atty Reg. No. 37,776 Total number of pages	s including cover sheet, attachments and document 3
10 0	hange Correspondence Address to that of Part 5?	Yes ⊠ No
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FC:581	Box: Ass	signments , D.C. 20231
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SF 214851 v1

PATENT REEL: 9929 FRAME: 0172

Attorney Docket No.: 15999-11US Client Reference No.: PHW113-98

## ASSIGNMENT OF PATENT APPLICATION

**SOLE** 

WHEREAS, Michael Hoppe, of 2222 Baxter Canyon Road, Vista, CA 92083, hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:	COMPACT COLLIMATING APPARATUS	
Date(s) of execution	of Declaration:	
Filing Date:	Jan 28, 1999	
Application No.:	09/239,356	; and

WHEREAS, Kaiser Electro-Optics, Inc., located at 2752 Loker Avenue West, Carlsbad, CA, 92008, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

PATENT REEL: 9929 FRAME: 0173

Assignment Application No.: 09/239,356 Page 2
IN TESTIMONY WHEREOF, Assignor has signed his/her names on the dated indicated.  Dated: 4/13/99  Michael Hoppe
STATE OF CALIFORNIA ) ss. COUNTY OF San Diego )
On April 13, 1999, before me, matthew p majesti, what sersonally appeared Michael Hoppe, 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.
Matte O. M.
NOTARY PUBLIC $^{ u}$

SF 202184 v1

My Commission Expires: Jul 1, 2001

**RECORDED: 04/29/1999** 

MATTHEW P. MAJESKI
COMM. #1141019
NOTARY PUBLIC-CALIFORNIA
SAN DIEGO COUNTY
My Comm. Expires June 1, 2001

PATENT REEL: 9929 FRAME: 0174