-			talan semeran sanaka manjar paserah lanakan amasan semeran muna	
.°O	RM PTO-1595 REC			Atty. Docket: BHT-3249-33
	To the Commissioner of Patents and Trade		2946992	-cuments or copy thereof.
1.	Name of conveying party(ies):	5	2. Name and address of	receiving party(ies):
	Name of conveying party(ies): Chang Chen E Shang		Name: Asia Optical Co.,	Inc
	Additional name(s) of conveying party(ies) attached?			-3 South 2 <sup>nd</sup> Road, T.E.P.Z.
3.	Nature of conveyance:		Domestic Address:	
	X Assignment Merger   Security Agreement Change of N	amo		11/20
	Other	ame	City	State ZIP
	Execution Date: _ January 1, 2005 (All of them)			
4.	Application number(s) or patent number(s):		Additional name(s) & add	dress(es) attached? Yes X No
	A. Patent Application No.(s)	ew application,	the execution date of the ap B. Patent Registration	
	Additional numb	ers attached?	Yes X No	0
5.	Name and address of party to whom correspondence concerning document should be mailed:       Name:     TROXELL LAW OFFICE PLLC       5205 Leesburg Pike       Suite 1404		6. Number of application One (1)	ns and patents involved:
			7. Total fee (37 CFR 3.4	41): \$40.00
				/
	Falls Church, Virginia 22041	-3401	Enclosed X Authorized to be a	charged to deposit account
	Telephone No.:     (703) 575-2711       Facsimile No.:     (703) 575-2707		8. Deposit account number <u>501874</u>	
			(Attach duplicate copy	of this page if paying by deposit account)
	]	DO NOT USE	THIS SPACE	
9.				
	To the best of my knowledge and belief, the fore, original document.	going informati	ion is true and correct and a	any attached copy is a true copy of the
	Bruce H. Troxell			February 11, 2005
	Name of Person Signing Registration No.26,592	Sign	ature	Date
125		otal number of	f pages including cover shee	et, attachments, and documents:
1	/2005 ECDOPER 00000155 501874 11055692 :8021 40.00 DA			BIII

PATENT REEL: 016280 FRAME: 0152

## ASSIGNMENT

WHEREAS, I (we), Chang Chen E Shang

whose post office address(es) appear below, hereinafter referred to as ASSIGNOR, is (are) the owner(s) of certain new and useful improvements in

Ion Source With Particular Grid Assembly

(Hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

executed on even date herewith

whose post office address is

executed on:

🗆 filed on: Serial No.:

C established by PCT International Patent Application No.:

WHEREAS, ASIA OPTICAL CO., INC.

No. 22-3 South 2nd Road, T.E.P.Z, Taichung 427, Taiwan

hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation-in-part and reissue of said application; and the entire right, title and interest in and to the said INVENTION throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to the only and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said INVENTION.

ALSO, ASSIGNOR hereby agrees to executed any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE is and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof, and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes TROXELL LAW OFFICE PLLC to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Assignor Name Cha	ang Chen E Shang		Address			
Where Signed			No. 98 An-He Road, Tantz Shiang, Taichung, T	Faiwan		
Date J	anuary 1, 2005		signature Chang Chen E Shara			
			0 0			
		s.	(Notarization preferred but not required)			
Before me personally a	ppeared said		And acknowledged this instrument to b	e his (her) free		
act and deed this day of			, 2001.			
			ary Public			
My Commission Expires:						

□ Continued on Next page