SHEET U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 Patent and Trademark Office (REV 6-93) 101920542 OMB No. 0651-011 (exp.4/94) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): Solid State Opto Limited Name: Jeffery R. Parker Internal Address: ____ Timothy A. McCollum Additional name(s) of conveying party(ies) attached? [] Yes [X] No P.O. Box 957, Offshore Incorporations Street Address: 3. Nature of conveyance: Centre, Road Town] Merger [X] Assignment Tortola City: Security Agreement [] Change of Name British Virgin Islands ZIP: State/Country: Execution Date: December 4, 2001 Additional name(s) & address(es) attached? [] Yes [X] No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: December 4, 2001 10/010835 B. Patent No.(s) A. Patent Application No.(s) 12/44/2001 SDIRETA1 00000022 10010835 FC:581 Additional Numbers attached? [] Yes [X] No 6. Total number of applications and patents involved: [1] 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41)\$____ Name: Donald L. Otto Internal Address: [X] Enclosed [] Authorized to be charged to deposit account RENNER, OTTO, BOISSELLE & SKLAR, LLP Street Address: 1621 Euclid Avenue Nineteenth Floor Deposit account number: 18-0988 City: Cleveland ZIP: 44115-2191 State: Ohio (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 belief, the foregoing information is true and correct and any attached copy is a true copy

of the original document.

Donald L. Otto

December 5, 2001

Date

Name of Person Signing Total number of pages including cover sheet attachments, and document: [3] 22,125

Reg. No. Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

GLOLPO113US EXPRESS MAIL NO. EV040724268US

PATENT

REEL: 012373 FRAME: 0502

ASSIGNMENT

For One Dollar (\$1.00) and other good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, the undersigned

Jeffery R. Parker 3050 Whitetail Ct. Richfield, Ohio 44286

Timothy A. McCollum 27565 Remmington Circle Westlake, Ohio 44145

hereby sell and assign to Solid State Opto Limited, a British Virgin Islands corporation, having a place of business at P.O. Box 957, Offshore Incorporations Centre, Road Town, Tortola, British Virgin Islands, its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions in TRANSREFLECTORS, TRANSREFLECTOR SYSTEMS AND DISPLAYS AND METHODS OF MAKING TRANSREFLECTORS set forth in the application for United States Letters Patent executed by the undersigned

Jeffery R. Parker on

Timothy A. McCollum on

12/4/2001

said application for United States Letters Patent, any and all other applications for Letters Patent on said inventions in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents of the United States of America and the empowered officials of all other governments being hereby authorized to issue/transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that said

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inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be used for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

Attested By:	Signed:	\bigcirc	Dated:	, /
		Kkn		12/4/01
	Jeffery	R. Parker		1 /
	Tomothy	fllcloth.		12/4/200
	Timoth	y A. McCollum		
STATE OF OHIO	}			
) SS:			
COUNTY OF)			
Before me personally	y appeared the	above named Jeffery	R. Parker	
who acknowledged the exe	ecution of the fo	oregoing instrument a	is his free a	ct and deed.
12/4/01		Laref Zd	Jew .	
DATE	•	NOTARY PÚBI	LIC	
STATE OF OHIO)	Notary Pu	otto, Attorney At 1 blic - State of Ohio has no expiration 147.03 O. R. C.	
COUNTY OF) SS:			

Before me personally appeared the above named Timothy A. McCollum who acknowledged the execution of the foregoing instrument as his free act and deed.

C:\107\GLOL\P113\ASSIGNMENT.wpd

RECORDED: 12/05/2001

DONALD L. OTTO, Attorney At Law Notary Public - State of Ohio My commission has no expiration date. Section 147 03 0 R.C.

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