For a PTO-1595 1-3-92	04-09-2003 U.S. DEPARTMENT OF COMME -Patent and Trademark Of (Text Mod.)
PERCONSTRUCTOR R	Γ Atty. Docket No. 3826.03 (A
201 APR -3 14 9 06	102413167
FINANCE SECTION Please	e record the attached original documents or copy thereof.
1 Name of conveying party(ies): 4.3	2. Name and address of receiving party(ies):
1. MELANIE HOLMES	Name: THOMAS SWAN & CO. LTD
Additional name(s) of conveying party(ies) attached? []Yes [X] No	Street Address: Crookhall, Consett Co. Durham DH8 7ND United Kingdom
3 Nature of conveyance:	
[X Assignment [] Merger	
[] ecurity Agreement [] Change of Name	
[Other	Additional name(s) & address(ss)
Exacution Date: 1. FEBRUARY 25, 2003	Additional name(s) & address(es) attached? []Yes [X] No
10/148,906	Additional numbers attached? [] Yes [X] No
5 lame and address of party to whom correspondence oncerning document should be mailed:	6. Total number of applications and patents involved: [1]
Name: ALLSTON L. JONES PETERS VERNY JONES & SCHMITT,	L.L.P. 7. Total fee (37 CFR 3.41): \$ 40.00
	[X] Authorized to be charged to deposit account
St eet Address: 385 Sherman Avenue, Suite	8. Deposit account number:
	16-1331
City: Palo Alto State: CA ZIP:94306-1840	(Attach duplicate copy of this page if paying by deposit account)
9 statement of Signature	DO NOT USE THIS SPACE
9 Statement of Signature To the best of my knowledge and belief, the fore	egoing information is true land correct and any attained copy is a true copy of the original document.
	(Max X)
ALLSTON L. JONES (Reg. 27,906) Name of Person Signing	April 3, 2003 Date
· .	\ '\
\	Total number of pages comprising cover sheet:

PATENT REEL: 013923 FRAME: 0049

ASSIGNMENT

WHEREAS, I/We, a named inventor of the below identified patent application

Attorney Docket No. 3826.03

1. HOLMES, Melanic
And
Thomas Swan & Co. Ltd. a company incorporated in the United Kingdom having its principal place of business located at Crookhall, Consett, Co. Durham. DH8 7ND, United Kingdom hereinafter called the Assignee;
NOW, THEREFORE, I/we the named inventor(s) for good and valuable consideration, receipt of which is hereby acknowledged, we each do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire title, interest and right, including the right of priority, in, to and under an application for Letters Patent of the United States for Improvements in:
OPTICAL DEVICE AND METHODS OF MANUFACTURE THEROF
and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor in (check one)
(a) U.S. patent application entitled as above and listing the above named person(s) as inventor(s) and filed herewith.
(b) X U.S. application serial no. 10/148,906 , filed on June 3, 2002
(c), issued,
And for the above consideration we each agree promptly upon request of the assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application whether original, continuation, continuation in part, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance be paid by the Assignee.
IN WITNESS WHEREOF, I, HOLMES, Melanie hereunto set my hand and seal
this 25th day of February, 2003.
Melane Volmes
at <u> smth</u> (city) (country)
U.K. (country)
1

RECORDED: 04/03/2003

PATENT REEL: 013923-FRAME: 0050