an Box	ector of the U.S. Patent ad Trademark Office Assignments Ishington, D.C. 20231	RECORDATION FORM COVER SHEET 06 - 07 - 2000		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
		- 10137	1 5284	Attorney Docket No.	102364
	To the Director of the U.S. Pater			ed original document or co	py thereof.
1.	 A. Name of conveying party(ie Rolls-Royce plc B. Additional name(s) of conversion 	MAY 1 6 2000	CHROMA 1 LINKM	address of receiving party ALLOY UNITED KINGDO EL ROAD, EASTWOOD GHAM NG16 3RZ D	
3.	A. Nature of conveyance:		B. Additiona	I name(s) & address(es) att □Yes ⊠ N	
		 Merger Change of Name 			
	 Other B. Execution Date: May 12, 20 	000	MRD !	5/16/2002)
4.	 A. If this document is being filed together with a new application, the execution date of the application is: B. Patent Application No.(s) 09/211,317 C. Patent No.(s) 				
		Additional numbers att			
5.			6. Total number of applications and patents involved. 1		
	Name: James A. Oliff			37 CFR 3.41)\$ <u>40.4</u> Check No. <u>108554</u>)	00
	Address: OLIFF & BERRIDGE P.O. Box 1992 Alexandria, VA	8		payment or charge any und number 15-0461.	lerpayment to
07/2000 JSHABA FC:581	ZZ 00000044 09211317 40.00 00				
9.	Statement and signature. To the best of my kny whether and the original document future for the second second future for the second second second second James A. Oliff, Registration No. 2	27,075		ct and any attached copy is :: <u>May 16, 2000</u>	a true copy of
	Edward A. Brown, Registration N		ncluding cover sheet, a	ttachments, and document:	2

PATENT REEL: 010825 FRAME: 0802

<u>ASSIGNMENT</u>

WHEREAS, Rolls-Royce plc, a company established under the laws of England whose address is 65 Buckingham Gate, London, SW1E 6AT, England, (hereinafter called "Assignor") is the owner by assignment duly recorded in the United States Patent and Trademark Office at the Reel and Frame indicated below of the following United States Letters Patent and/or patent application (hereinafter called "Patent Properties"):

Application Number and Date of Filing	Named Inventor	Reel and Frame
09/211,317, filed	David Stafford Rickerby	9645/0202
December 16, 1998		

The undersigned has reviewed all the documents in the chain of title identified above, and to the best of the undersigned's knowledge and belief, title is in the Assignor. The undersigned is empowered to sign this Assignment on behalf of the Assignor.

WHEREAS, CHROMALLOY UNITED KINGDOM LIMITED, a company established under the laws of England, whose address is 1 Linkmel Road, Eastwood, Nottingham NG16 3RZ, ENGLAND, (hereinafter called "Assignee") is desirous of acquiring one-half of the right, title and interest for the United States, its territories, dependencies and possessions, in and to said Patent Properties (and/or patents that may be granted therefrom), and any confirmations, divisions, continuations, reexaminations, reissues or extensions of the same;

Now, To All Whom It May Concern: Be it known that for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over, unto Assignee, its successors, assigns and legal representatives, one-half of the right, title and interest for the United States, its territories, dependencies and possessions, in and to said Patent Properties (and/or patents that may be granted therefrom), and any confirmations, divisions, continuations, reexaminations, reissues or extensions thereof; the same one-half interest to be held and enjoyed by Assignee, its successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment and sale not been made.

Assignor agrees that this assignment is binding on Assignor and its heirs, successors, assigns and legal representatives.

PATENT REEL: 010825 FRAME: 0803

Assignor authorizes and requests the Director of the U.S. Patent and Trademark Office to issue any Letters Patent of the United States, resulting from said Patent Properties and any confirmations, divisions, continuations, reexaminations, reissues or extensions thereof, jointly to Assignor and Assignee.

Assignor covenants that it has full right to convey the interest herein assigned and that it has not executed and will not execute any agreement in conflict herewith.

Assignor grants the firm of OLIFF & BERRIDGE, PLC of Alexandria, Virginia the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment is effective as of the 12th day of Nun, 2000.

Witness

Witness

Signature Officer of Assignor

M A GUNN Typewritten Name of Officer

Patents Manager Title of Officer

- 2 of 2 -

RECORDED: 05/16/2000