Form PTO-1595 (Rev. 6-93)	08-0	8-2001	U.S DEPARTMENT OF COMMERCE Patent and Trademark Office	
OMB No. 0651-0011 (exp. 4/94			Trade mark office	
Attorney Docket No. 3036/502				
To the Honorable Commission coriginal documents or copy ther	1018	303713	Please record the attached	
1. Name of conveying party(ies):		2. Name and address of receiving party(ies)		
(1) Simon Paul DAVIS		Name: ROKE MANOR RESEARCH LIMITED Internal Address:		
Additional name(s) of conveying party(ies) attached? yes _X no		Street Address:	Old Salisbury Lane Romsey Hampshire, SO51 OZN ENGLAND	
3. Nature of Conveyance:		Additional name	(s) & address(es) attached?	
X Assignment Merger		yes _x_ no		
Security Agreement Change of Name			553 101	
Other:			915	
Execution Date: July 12, 2001			9 8	
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: July 12, 2001				
A. Patent Application No.(s)		В	. Patent No(s).	
19/015650 PENDING				
Additional numbers attached? Yes X No				
5. Name and address of party to whom correspondence concerning document should be mailed:		6.Total number of applications and patents involved: <u>1</u>		
Gary R. Edwards, Esquire Crowell & Moring LLP Intellectual Property Group P.O. Box 14300 Washington, D.C. 20044-4300		7. Total Fee (37 CFR 3.41): \$ 40.00	
		underpayment in Assignment to De	ed. Please charge any connection with this eposit Account No. 05-1323	
		Authorized to be charged to Deposit Account		
		8. Deposit Account No.		
		(Attach dupl. copy of this page if paying by Deposit Account)		
DO NOT WRITE IN THIS SPACE				
9. 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. July 27, 2001				
Name Gary R. Edwards Reg. No. 31,824 Date TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS, AND DOCUMENT: 3				
07/2001 LNUELLER 00000121 09915553 FC:581 40.00 DP	DO NOT USE THIS SPACE			
Do not detach this portion				
Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231				

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

ROKE MANOR RESEARCH LIMITED Roke Manor, Old Salisbury Lane, Romsey Hampshire, SO51 OZN Great Britain

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

IMPROVEMENTS IN OR RELATING TO SWITCHING DEVICES

IMPROVEN	MENTS IN OR RELATING TO SWITCHING DEVICES
X executed con	ed States Patent Application (check one): currently herewith, PCT international application Number on
Serial No	, filed,
continuations thereof and may issue on any such app extensions thereof, to representatives and assig Letters patent may be gra	States Patent Application including any and all divisions or d in and to any and all Letters Patent of the United States, which plication or for said invention, including any and all reissues or be held and enjoyed by said ASSIGNEE, its successors, legal must be the full end of the term or terms for which any and all such anted as fully and entirely as would have been held and enjoyed by Assignment not been made.
	hereby authorizes and requests the Commissioner of Patents and and all such Letters patent to said ASSIGNEE, its successors or rewith.
to sell and assign the in	warrants and covenants that he has the full and unencumbered right nterests herein sold and assigned and that he has not executed and ment or instrument in conflict herewith.
its successors, legal repsaid invention or patent all rightful oaths, testimecessary or desirable by perfect title to said invitereof and to any and all reissues or extensions, ASSIGNEE, its successors	further covenants and agrees he will communicate to said ASSIGNEE, presentatives or assigns all information known to him relating to application and that he will execute and deliver any papers, make fy in any legal proceedings and perform all other lawful acts deemed said ASSIGNEE, its successors, legal representatives or assigns to vention, to said application including divisions and continuations letters Patent which may be granted therefor or thereon, including in said ASSIGNEE, its successors, or assigns or to assist said s, legal representatives or assigns in obtaining, reissuing or of the United States for said invention.
thereof, the power to ins	hereby grants the firm of CROWELL MORING L.L.P. , or any partner sert into this Assignment any further identification, which may be comply with the rules of the U.S. Patent and Trademark Office for grament.
INVENTOR: Citizenship: Britis Residence/	DAVIS Simon Paul sh
Post Office Address:	17 Westering, Romsey Hampshire S051 7LX GREAT BRITAIN
12/7/01	S.P. Danis
(date)	(signature of 1st inventor)

PATENT REEL: 012039 FRAME: 0886

ASSIGNMENT

Page 2 of 2

Attorney Docket No: 3034/49104

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

PATENT
RECORDED: 07/27/2001 REEL: 012039 FRAME: 0887