Form PIO-1595	U.S. DEPARTMENT OF COMME
(Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)	U.S. Patent and Trademark C
Tab settings ⇔⇔ Ψ	02849903
To the honorable Commissioner of Patents and Trademan	rks: Please record the attached original documents or copy thereof.
Name of conveying party(ies): Jun MAKINO and Boon Ghee TING	2. Name and address of receiving party(ies) Name: CREATIVE TECHNOLOGY LTD. Internal Address:
Additional name(s) of conveying party(ies) attached? Yes X	No O Tri
3. Nature of conveyance:	
X Assignment Merger	Street Address: 31 INTERNATIONAL BUSINESS
Security Agreement Change of Name	CREATIVE RESOURCE
Other	
Execution Date: 9/20/2004	City: SINGAPORE State: Zip: 609921 Additional name(s) & address(es) attached? Yes X
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: 09/21/2004
A. Patent Application No.(s)	B. Patent No.(s)
Additional number	s attached? Yes X No
5. Name and address of party to whom correspondence	
concerning document should be mailed:	Total number of applications and patents involved:
Name: Russell N. Swerdon	7. Table (07.05D 0.44)
Creative Labs, Inc.	7. Total fee (37 CFR 3.41) \$ 40.00
Internal Address:	X Enclosed
	Authorized to be charged to deposit account
Street Address: 1901 McCarthy Boulevard	8. Deposit account number:
City: Milpitas State: CA Zip: 95035	(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 Is a true copy of the original document.	Information is true and correct and any attached copy
Russell N. Swerdon	Mill 09/21/04
Name of Person Signing	Signature Date
Total number of pages including cover sh	
004 ECOOPER 00000323 10947783 Commissioner of Patents	with required cover sheet information to: & Trademarks, Box Assignments
vvasning	gton, D.C. 20231
021 40.00 UP	

PATENT REEL: 015837 FRAME: 0840

Attorney Docket No: CLI-018

ASSIGNMENT

In consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, we, JUN MAKINO of Blk 19B Hillview Ave #12-05, Hillview Park, Singapore 669555, Singapore and BOON GHEE TING of Blk 305A Anchorvale Link #13-15, Singapore 541305, Singapore, hereby assign to <u>Creative Technology Ltd.</u>, a corporation of <u>Singapore</u> having a place of business at: 31 International Business Park, Creative Resource, Singapore 609921, Singapore and its successors and assigns (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled A SWITCH CIRCUIT, filed _____ with attorney docket number CLI-018 and assigned U.S. Serial Number _____; and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to

Page 1 of 2

Attorney Docket No: CLI-018

perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: 20 52p 2004

DATE: 20 Sep 2004

RECORDED: 09/21/2004

Page 2 of 2

PATENT REEL: 015837 FRAME: 0842