Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| Kok-Liang LIM | 10/16/2008 |
| Kee Keong LEW | 11/04/2008 |

RECEIVING PARTY DATA

| Name: | Creative Technology Ltd | |
|-------------------|--------------------------------|--|
| Street Address: | 31 International Business Park | |
| Internal Address: | Creative Resource | |
| City: | Singapore | |
| State/Country: | SINGAPORE | |
| Postal Code: | 609921 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12158296 |

CORRESPONDENCE DATA

Fax Number: (408)428-6699

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (408) 428-6600

Email: kennedy_koblin@creativelabs.com

Correspondent Name: Kennedy Koblin

Address Line 1: 1901 McCarthy Blvd

Address Line 2: Creative Labs, Inc.

Address Line 4: Milpitas, CALIFORNIA 95035

| ATTORNEY DOCKET NUMBER: | CTLP132US_ASSIGN |
|-------------------------|------------------|
| NAME OF SUBMITTER: | Kennedy Koblin |

Total Attachments: 2

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PATENT REEL: 021781 FRAME: 0982

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PATENT REEL: 021781 FRAME: 0983

Attorney Ref. No.: CTLP132US

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned:

المنطق في الأمام المنطقة

LIM Kok-Liang, 3 Belair Close, Craigieburn, Victoria 3064, Australia LEW Kee Keong, 41 Hume Ave, #04-02, Symphony Heights, Singapore 598738, Singapore

hereby sell, assign, and transfer to Creative Technology Ltd, a corporation of Singapore, having a principal place of business at 31 International Business Park, Creative Resource, Singapore 609921, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled to SIMULTANEOUS SHARING OF SYSTEM RESOURCES BY MULTIPLE INPUT DEVICES filed on 06/19/2008 as application US 12/158,296.

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications. renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths. assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

PATENT

REEL: 021781 FRAME: 0984

Attorney Ref. No.: CTLP132US

| Each Inventor: Pleas | e Sign <u>and Date</u> Below: | Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY: |
|--------------------------------|-------------------------------|--|
| <u> 6∫ 10 2082 </u> Date | LIM Kok-Liang | |
| Each Inventor: Please | e Sign <u>and Date</u> Below: | Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY: |
| <u>04/11/>00</u> 8 Date | LEW Kee Keong | 4/11/2018 Date |
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RECORDED: 11/04/2008