

08-31-1999

Attorney Docket No. 17002-169

FORM PTO-1586

(Rev. 6-93)

msd 8.20.99



101130807

U.S. Department of Commerce
Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents

Documents or copy thereof

1. Name of conveying party(ies):

JEAN LAROCHE

Additional name(s) of conveying parties attached? Yes
 No.

2. Name and address of receiving party(ies)

Name: CREATIVE TECHNOLOGY LTD.

Internal Address:

Street Address: 31 INTERNATIONAL BUSINESS PARK,
CREATIVE RESOURCE

City/Country: SINGAPORE ZIP: 609221

Additional names and addresses attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other:

Execution Date: August 20, 1999

4. Application Number(s) or Patent Numbers.

09,378,377

If this document is being filed together with a new application, the execution date of the application is: August 17, 1999

A. Patent Application No(s):

B. Patent No(s):

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Charles E. Krueger
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(415) 576-0200

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): -----\$40.00

Enclosed Charge Fees to Deposit Account

Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.

8. Deposit account number: 20-1430

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.

08/27/1999 FLOYD 00000005 201430 09378377

03 FC:584 40.00 CH

Charles E. Krueger
Name of Person Signing

Charles E. Krueger
Signature

8/20/99
Date

Atty Reg. No. 30,077

Total number of pages including cover sheet, attachments and document 2

10. Change Correspondence Address to that of Part 5? Yes No

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover to:

Asst. Commissioner for Patents
Box: Assignments
Washington, D.C. 20231

U.S. PTO
09/378377
08/20/99

Attorney Docket No.: 17002-169US

ASSIGNMENT OF PATENT APPLICATION

SOLE

WHEREAS, Jean Laroche, of 131 Chrystal Terracc, Santa Cruz, CA 95060, hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: METHOD AND APPARATUS FOR TRANSIENT DETECTION AND NON-DISTORTION TIME SCALING

Date(s) of execution of Declaration: August 17, 1999

Filing Date: _____

Application No.: _____; and

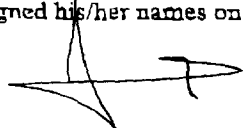
WHEREAS, Creative Technology Ltd., 31 International Business Park, Creative Resource, Singapore, 609221, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has signed his/her names on the dated indicated.

Dated: 8/20/99



Jean Laroche