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FORM PTO-1595
(Rev. 6-93)

To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Allan E. Schrum
Michael D. Rogers

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

2. Name and address of receiving party(ies)

Name: Varatouch Technology Incorporated

Internal Address:

Street Address: 7325 Roseville Road

City: Sacramento State: CA ZIP: 95842

Additional names and addresses attached? Yes No

U.S. P.T.O.
09/31/83
05/25/99

3. Nature of conveyance:

 Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: May 21, 1999

4. Application Number(s) or Patent Numbers.

If this document is being filed together with a new application, the execution date of the application is: May 21, 1999
09/318183
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: Chun-Pok Leung, Esq.
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.

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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.

Chun-Pok Leung
Name of Person Signing

Atty Reg. No. 41,405

Signature

5/25/99
Date

Total number of pages including cover sheet, attachments and document 3

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

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

Mail documents to be recorded with required cover to:

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

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Allan E. Schrum, of 3197 Boeing Road, Cameron Park, CA 95682, Michael D. Rogers, of 966 King George Way, El Dorado Hills, CA 95762, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **VARIABLE RESISTANCE DEVICES AND METHODS**

Date(s) of execution of Declaration: May 21, 1999

Filing Date: Herewith

Application No.: N/A; and

WHEREAS, Varatouch Technology Incorporated, a California corporation, located at 7325 Roseville Road, Sacramento, CA, 95842, 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 Assignors, Assignors have 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 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 Assignors 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.

Assignors further agree that they 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 patent 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.


PATENT

REEL: 009993 FRAME: 0639


Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 5/21/99


Allan E. Schrum

Dated: 5/21/99


Michael D. Rogers

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