

FORM PTO-1595

RI

01-02-2002



R SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Assistant Commissioner for

101930335

Documents or copy thereof:

## 1. Name of conveying party(ies):

Yimin Niu  
Edmund B. Fanslau, Jr.  
Muhammad A. HawwaNPD  
12-18-01

## 2. Name and address of receiving party:

Name: Read-Rite Corporation  
Street Address: 44100 Osgood Road  
City: Fremont  
State: CA ZIP: 94539Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒
- Assignment
- ☐
- Merger
- 
- ☐
- Security Agreement
- ☐
- Change of Name
- 
- ☐
- Other \_\_\_\_\_

Execution Dates: 12/14/01

Additional name(s) & addresses attached? ☐ Yes ☒ No11036 U.S. PTO  
10/024438  
12/18/01

## 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: 12/18/2001

10024438

## A. Patent Application No.(s)

Patent Application Entitled: "PIEZOELECTRIC  
MICROACTUATORS WITH SUBSTANTIALLY  
FIXED AXIS OF ROTATION AND  
MAGNIFIED STROKE"

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Mark Lauer  
7041 Koll Center Parkway, Suite 280  
Pleasanton, CA 94566

## 6. Total number of applications and patents involved: 1

## 7. Total Fee (37 CFR 3.41) \$ 40.00

- ☒
- Enclosed
- 
- ☐
- Authorized to be charged to deposit account

8. Deposit account number:  
(attach duplicate copy of this page if paying by deposit account)

## 9. Statement and signature.

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

Mark Lauer

Name of Person Signing

Signature

12-18-01

Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:  
Assistant Commissioner for Patents, Box Assignments  
Washington, D.C. 20231

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box PATENT APPLICATION, Assistant Commissioner for Patents, Washington D.C., 20231, on December 18, 2001.

Mark Lauer

Date

12-18-01

PATENT

REEL: 012397 FRAME: 0612

## ASSIGNMENT OF PATENT APPLICATION

WHEREAS, we, Yimin Niu, Edmund B. Fanslau, Jr. and Muhammad A. Hawwa (hereinafter referred to as ASSIGNORS), having post office addresses of: 2944 Park Place Common, Fremont, CA 94538; 14865 Elton Drive, San Jose, CA 95124; and 30499 Gallaudet Drive, Fremont, CA 94538; respectively, are the joint inventors of an invention entitled "PIEZOELECTRIC MICROACTUATORS WITH SUBSTANTIALLY FIXED AXIS OF ROTATION AND MAGNIFIED STROKE," as described and claimed in the specification forming part of an application for United States letters patent filed herewith;

WHEREAS, Read-Rite Corporation (hereafter referred to as ASSIGNEE), a corporation of the State of Delaware having a place of business at 44100 Osgood Road, Fremont, CA 94539, is desirous of acquiring the entire right, title, and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty, or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors an assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer, and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protection title to said invention or letters patent therefor.

IN WITNESS WHEREOF, We have hereunto signed our names on the day and year set forth below.

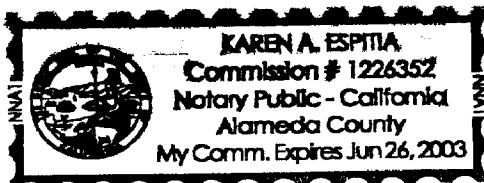
  
 \_\_\_\_\_  
 Inventor's Signature

Yimin Niu  
 \_\_\_\_\_  
 Inventor's Printed Name

12/14/01  
 \_\_\_\_\_  
 Date

STATE OF California )  
 )  
 COUNTY OF Santa Clara )

On this 14<sup>th</sup> day of December, 2001, before me personally came the above named Yimin Niu, who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.



Karen A. Espitia  
 NOTARY PUBLIC

My Commission Expires: 6/26/03

E. B. Fanslau, Jr.  
 Inventor's Signature

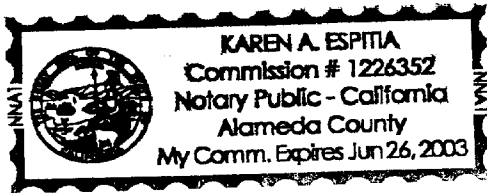
Edmund B. Fanslau, Jr.  
 Inventor's Printed Name

12/14/01  
 DATE

STATE OF CALIFORNIA

COUNTY OF Santa Clara

On this 14<sup>th</sup> day of December, 2001, before me personally came the above named Edmund B. Fanslau, Jr., who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.



Karen A. Espitia

NOTARY PUBLIC

My Commission Expires: 6/26/03

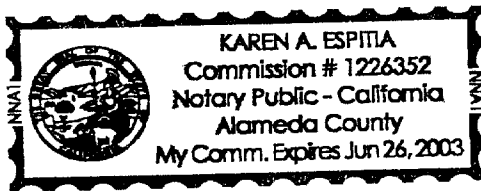
M. A. Hawwa  
Inventor's Signature

Muhammad A. Hawwa  
Inventor's Printed Name

12/14/01  
Date

STATE OF CALIFORNIA )  
 )  
COUNTY OF santa clara )

On this 14<sup>th</sup> day of December, 2001, before me personally came the above named Muhammad A. Hawwa, who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.



Karen A. Espitia

NOTARY PUBLIC

My Commission Expires: 6/26/03

ASSIGNMENT OF PATENT APPLICATION ENTITLED  
PIEZOELECTRIC MICROACTUATORS WITH SUBSTANTIALLY FIXED AXIS OF ROTATION  
AND MAGNIFIED STROKE

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RECORDED: 12/18/2001

PATENT  
REEL: 012397 FRAME: 0615