To the Honorable Commissioner of Patents:

1. Name of conveying party(ies):
   YIMIN GUO, TAI MIN, POKAG WANG, XI ZENG SHI

2. Name and address of receiving party(ies):
   Name: Headway Technologies, Inc.
   Street Address: 678 S. Hillview Drive
   City: Milpitas State: CA Zip: 95035

3. Nature of conveyance
   X Assignment  □ Merger
   □ Security Agreement  □ Change of Name
   □ other ____________________________

   Execution Date: 6/10/04

4. Application number(s) or patent number(s):
   10872915
   If this document is being filed together with a new application, the execution date of the application is: 6/10/04
   A. Patent Application No(s)  B. Patent No.s

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: GEORGE O. SAILE
   Internal Address: ____________________________
   Street Address: 28 DAVIS AVENUE
   City: POUGHKEEPSIE  State: NY  ZIP: 12603

6. Total no. of applications and patents involved: 1

7. Total fee (37 CFR 3.41): $40.00
   X Authorized to be charged to deposit acct.

8. Deposit account number: 19-0033
   (Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature:
   To the best of my knowledge and belief the foregoing information is true and correct and any attached copy is a true copy of the original document

   STEPHEN B. ACKERMAN
   Name of Person Signing

   Signature  Date 6/21/04

   06/30/2004 NSGTCHE 00000122 190033 10872915
   01 F182021 40.00 DA
ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar ($1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR:

YIMIN GUO
Type or print name of ASSIGNOR
1581 Arlington Lane
Address
San Jose, CA 95129
USA
Nationality

TAI MIN
Type or print name of ASSIGNOR
4279 Mackin Woods Ln
Address
San Jose, CA 95135
USA
Nationality

POKANG WANG
Type or print name of ASSIGNOR
1067 Shadow Brook Dr
Address
San Jose, CA 95120
USA
Nationality

XI ZENG SHI
Type or print name of ASSIGNOR
43587 Excalio Dr
Address
Fremont, CA 94539
USA
Nationality

hereby sells, assigns and transfers to
ASSIGNEE:

Headway Technologies, Inc.
678 S. Hillview Drive
Milpitas, CA 95035
USA
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE
(complete one of the following)

☒ the entire right, title and interest
☐ an undivided ____ percent (%) interest for the United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

☒ and in all foreign countries

in and to any and all improvements which are disclosed in the invention entitled:
Magnetic Random Access Memory Array With Coupled Soft-Adjacent Magnetic Layer
and which is found in

☐ (a) U.S. patent application executed on even date herewith

☐ (b) U.S. patent application executed on

☐ (c) U.S. application serial no. ________________ filed on ________________

☐ (d) U.S. patent no. ________________ issued ____________________

(Also check (e) if foreign application(s) is also being assigned)

☐ (e) and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/we have signed this

_________________________ (Date of signing)

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

_________________________

Signature of ASSIGNOR(S)

_________________________

_________________________

If ASSIGNOR is a legal entity complete the following information

Type or print the name of the above person authorized to sign on behalf of ASSIGNOR

_________________________

Title

Note: No witnessing, notarization or legalization is necessary, if the assignment is notarized or legalized then it will only be prima facie evidence (35 USC 261). Use next page if notarization is desired.

_________________________

Notarization of Legalization Page Added.