

01-22-2004



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To the Honorable Commissione

1. Name of conveying party(ies):
Xing Ping Lin

Additional name(s) of conveying party(ies) attached ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: January 9, 2004

2. Name and address of receiving party(ies)

Name: TRW Automotive U.S. LLC

Internal Address:

Street Address: 12025 Tech Center Drive

City: Livonia State: MI Zip: 48150

Additional name(s) and address(es) attached? ☐ Yes ☒ No

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 January 9, 2004

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: Barry L. Tummino

Internal Address: Tarolli, Sundheim, Covell,

& Tummino L.L.P.

Street Address: 526 Superior Avenue, Suite 1111

City: Cleveland State: Ohio Zip: 44114-1400

6. Total number of applications and patents involved: 1

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

☒ Enclosed is a check for the amount indicated above.

☐ Authorized to be charged to deposit account.

8. Deposit Account No.

20-0090 (charge for insufficient fees only)

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE SPACE

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

Barry L. Tummino
Name of Person Signing
Reg. No. 29,709

Barry L. Tummino
Signature

January 13, 2004
Date

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

Mail Documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington D.C. 20231

01/15/2004 EFLDRES 00000069 10756745

02 FC:8021

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PATENT
REEL: 014897 FRAME: 0534

ASSIGNMENT

WHEREAS, I, Xing Ping Lin, of Orchard Lake, County of Oakland, and State of Michigan, have made new and useful improvements in **TIRE PARAMETER SENSING SYSTEM HAVING ALTERNATING FREQUENCY TRANSMISSION AND TWO CHANNEL RECEPTION AND ASSOCIATED METHOD**;

WHEREAS, TRW Automotive U.S. LLC, a limited liability company duly organized and existing under the laws of the State of Delaware, having a place of business at Liviona, County of Wayne, State of Michigan, is desirous of acquiring the entire right, title and interest in and to the said improvements and all patents therefor to be obtained in the United States of America and countries foreign to the United States;

NOW THEREFORE, BE IT KNOWN that for valuable considerations to me paid, the receipt whereof is hereby acknowledged, I, the said Xing Ping Lin, do hereby assign, sell and set over unto the said TRW Automotive U.S. LLC its successors or assigns, the entire right, title and interest in and to the said improvements and any and all inventions pertaining thereto, the application for United States patent executed by me on the 9th day of Jan 2004, all patents therefor in the United States of America and elsewhere, and the right to apply for patents therefor in all countries foreign to the United States and to claim for such applications the priority of United States applications, and I hereby request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents, to issue such patents to the said TRW Automotive U.S. LLC its successors or assigns; and I further agree to execute such other applications and other instruments and do all other acts as may be deemed necessary by the said TRW Automotive U.S. LLC its successors or assigns in order to fully secure, protect and preserve its rights to the said improvements and to obtain patents therefor in the United States of America and all countries foreign to the United States, all without further consideration but at the expense of the said TRW Automotive U.S. LLC its successors or assigns.

Signed at
County of OAKland and State of Michigan
This 9th day of Jan, 2004


Xing Ping Lin

STATE OF Michigan

COUNTY OF Oakland

On this 9th day of January, 2004
Personally appeared before me Xing Ping Lin to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

BARBARA HULME
NOTARY PUBLIC OAKLAND CO., MI
MY COMMISSION EXPIRES Feb. 6, 2006


Notary Public

PATENT

RECORDED: 01/13/2004

REEL: 014897 FRAME: 0535