

EXHIBIT 1103

FILE HISTORY FOR U.S. PATENT NO. 8,599,001

("THE '001 FH")

TRW Automotive U.S. LLC: EXHIBIT 1103  
PETITION FOR *INTER PARTES* REVIEW  
OF U.S. PATENT NUMBER 8,599,001

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 8,599,001 B2  
APPLICATION NO. : 13/680534  
DATED : December 3, 2013  
INVENTOR(S) : Kenneth Schofield et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Specification

Column 29

Line 25, "mirror" should be --minor--

Column 31

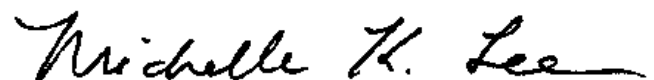
Line 6, "\$500)" should be --S500)--

Column 35

Line 27, "FLAY" should be --F<sub>DAY</sub>--

Line 37, "FLAY" should be --F<sub>DAY</sub>--

Signed and Sealed this  
Twelfth Day of August, 2014



Michelle K. Lee  
*Deputy Director of the United States Patent and Trademark Office*



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

July 14, 2014

Timothy Flory  
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Grand Rapids, MI 49546

Patent No.: 8,599,001 B2  
Inventor(s): Kenneth Schofield, et al.  
Issued: December 3, 2013  
For: **VEHICULAR VISION SYSTEM**  
Docket No.: MAG04 P-1943

Re: Request for Certificate of Correction

Consideration has been given your request for the issuance of a Certificate of Correction in the above-identified patent.

The word "mirror" purported to be in column 42, line 42 cannot be found in the printed patent

In view of the foregoing, your request in this matter is hereby denied.

Further correspondence concerning this matter should be filed and directed to the Certificate of Correction Branch

*Virginia Tolbert*  
Virginia Tolbert  
Decisions and Certificate of Corrections  
(571) 272-0460 (v)  
(571) 270-9892 (f)

/vt

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 8,599,001  
APPLICATION NO.: 13/680,534  
ISSUE DATE : December 3, 2013  
INVENTOR(S) : Kenneth Schofield, Mark L. Larson

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### Column 29

Line 25, "mirror" should be --minor--

### Column 31

Line 6, "5500)" should be --S500)--

### Column 35

Line 27, "FLAY" should be --F<sub>DAY</sub>--

Line 37, "FLAY" should be --F<sub>DAY</sub>--

### Column 42

Line 42, "mirror" should be --minor--

MAILING ADDRESS OF SENDER (Please do not use customer number below):

GARDNER, LINN, BURKHART & FLORY, LLP  
2851 Charlevoix Drive SE, Suite 207  
Grand Rapids, MI 49546

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	19294390
<b>Application Number:</b>	13680534
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	1034
<b>Title of Invention:</b>	VEHICULAR VISION SYSTEM
<b>First Named Inventor/Applicant Name:</b>	Kenneth Schofield
<b>Customer Number:</b>	15671
<b>Filer:</b>	Timothy A. Flory/Ashley Babiak
<b>Filer Authorized By:</b>	Timothy A. Flory
<b>Attorney Docket Number:</b>	MAG04 P-1943
<b>Receipt Date:</b>	13-JUN-2014
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<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	TransmittalLetter_MAG04_P19 43.pdf	130211 5a05bf101b421dddb2ea6f70a3706e14718e b467	no	1

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