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				Attorney Docket No. <u>154217</u>	
Please record the attached document.					
Total number of pages including cover sheet, attachments, and document: <u>2</u>					
1. A. Name of conveying parties: [1] Kimiyoshi SAWAI [2] Kazunori WATANABE [3] Takayuki WATANABE [4] Yasutaka ATARASHI B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. A. Name and address of receiving parties: [1] AISIN AW CO., LTD. 10, TAKANE FUJII-CHO, ANJO-SHI, AICHI-KEN, 444-1192 JAPAN [2] TOYOTA JIDOSHA KABUSHIKI KAISHA 1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571 JAPAN [3] DENSO CORPORATION 1-1, SHOWA-CHO, KARIYA-SHI, AICHI-KEN, 448-8661 JAPAN B. Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. A. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ B. Execution Date: <u>[1]: July 19, 2012;</u> <u>[2]: August 9, 2012 and</u> <u>[3] & [4]: September 7, 2012</u>					
4. A. Patent Application No.(s) <u>13/635,143</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No C. Title of Application: <u>MAP UPDATE DATA SUPPLY DEVICE AND MAP UPDATE</u> <u>DATA SUPPLY PROGRAM</u>					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>James A. Oliff</u> Address: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850 Phone Number: 703-836-6400 Fax Number: 703-836-2787			6. Total number of applications and patents involved: <u>1</u> 7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$<u>40.00</u>. 8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.		
9. Statement and signature. <i>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.</i> <div style="display: flex; justify-content: space-between;"><div>James A. Oliff, Registration No. 27,075 Jesse O. Collier, Registration No. 53,839</div><div>Date: <u>September 14, 2012</u></div></div>					

CH \$40.00 150461 13635143

PATENT

ASSIGNMENT (Three Assignees)

Insert
(1-5) Name(s)
of Inventor(s)

(1) Kimiyoshi SAWAI
(2) Kazunori WATANABE
(3) Takayuki WATANABE
(4) Yasutaka ATARASHI
(5) _____
(6) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9A) Insert Name of First Assignee
(10A) Insert Address of First Assignee
(9B) Insert Name of Second Assignee
(10B) Insert Address of Second Assignee
(9C) Insert Name of Third Assignee
(10C) Insert Address of Third Assignee

(9A) AISIN AW CO., LTD.
(10A) 10, Takane, Fujii-cho, Anjo-shi, Aichi-ken, 444-1192 JAPAN
(9B) TOYOTA JIDOSHA KABUSHIKI KAISHA
(10B) 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 JAPAN
(9C) DENSO CORPORATION
(10C) 1-1, Showa-cho, Kariya-shi, Aichi-ken, 448-8661 JAPAN

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification, such as Title, Case Number or Foreign Application Number

(11) MAP UPDATE DATA SUPPLY DEVICE AND MAP UPDATE DATA SUPPLY PROGRAM

Attorney Docket No. 154217

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12) Insert Date of Signing of Application

(12) on _____

(13) Alternative Identification for filed applications

(13) U.S. Application Serial Number 13/635,143
filed September 14, 2012

- 1) Each undersigned agrees to execute all papers necessary in connection with the application and any continuing, divisional or reissue applications for the invention and also to execute separate assignments in connection with such applications as the Assignees may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignees in every way possible in obtaining evidence and going forward with such interference.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignees.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application or any divisional, continuing or reissue applications to the said Assignees, as Assignees of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>7.19.2012</u>	Inventor Signature	<u>Kimiyoshi Sawai</u>	(SEAL)
Date	<u>8.9.2012</u>	Inventor Signature	<u>Kazunori Watanabe</u>	(SEAL)
Date	<u>9.7.2012</u>	Inventor Signature	<u>Takayuki Watanabe</u>	(SEAL)
Date	<u>9.7.2012</u>	Inventor Signature	<u>Yasutaka Atarashi</u>	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	_____	Witness	_____
Date	_____	Witness	_____

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