

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

| OMB APPROVAL | |
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| OMB Number: | 3235-0287 |
| Estimated average burden hours per response... | 0.5 |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

| | | | | | | | | |
|--|--|--|---|--|--|--|--|--|
| 1. Name and Address of Reporting Person * Nia Mehran | | | 2. Issuer Name and Ticker or Trading Symbol U.S. Auto Parts Network, Inc. [PRTS] | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) | | |
| (Last) (First) (Middle) C/O US AUTO PARTS NETWORK, INC., 17150 MARGAY AVENUE | | | 3. Date of Earliest Transaction (Month/Day/Year) 09/21/2009 | | | | | |
| (Street) CARSON, CA 90746 | | | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | 6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person | | |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|-----------|---|--|--|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | 09/21/2009 | 09/21/2009 | S | | 12,016 | D | \$ 5.5489 | 5,775,732 | I | By Nia Living Trust dated September 2, 2004 (1) |
| Common Stock | | | | | | | | 213,979 | I | By Mehran Nia Annuity Trust, Established November 18, 2006 (2) |
| Common Stock | | | | | | | | 213,979 | I | By Fariba Nia Annuity Trust, Established November 18, 2006 (3) |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number. SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|---|--|-----|---|--|--|--|--|
| | | | | Code | V | | (A) | (D) | | | | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--------------------------------|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| | | | | |

| | | | | |
|--|---|---|--|--|
| Nia Mehran C/O US AUTO PARTS NETWORK INC., 17150 MARGAY AVENUE CARSON, CA 90746 | X | X | | |
|--|---|---|--|--|

Signatures

| | | |
|--|--|---------------------|
| /s/ Mehran Nia | | 09/23/2009 |
| <small>**Signature of Reporting Person</small> | | <small>Date</small> |

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

- (1) These shares are owned directly by the Nia Living Trust, Established September 2, 2004 and indirectly by Mehran Nia as co-trustee of the trust, of which Mr. Nia is a beneficiary. These shares were sold under a 10b5-1 plan established on August 27, 2009.
- (2) These shares are owned directly by the Mehran Nia Annuity Trust, Established November 18, 2006 and indirectly by Mehran Nia as co-trustee and sole beneficiary of the trust.
- (3) These shares are owned directly by the Fariba Nia Annuity Trust, Established November 18, 2006 and indirectly by Mehran Nia as a co-trustee of the trust, the sole beneficiary of which is Mr. Nia's spouse. Mr. Nia disclaims beneficial interest in each of the foregoing trusts except to the extent of his pecuniary interest therein.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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