**1. Name and Address of Reporting Person**
CHATMAN JENNIFER  
5956 W. LAS POSITAS BLVD.  
PLEASANTON CA 94588

**2. Issuer Name and Ticker or Trading Symbol**
SIMPSON MANUFACTURING CO INC /CA/ [ SSD ]

**3. Date of Earliest Transaction (Month/Day/Year)**
04/20/2016

**4. If Amendment, Date of Original Filed (Month/Day/Year)**

**5. Relationship of Reporting Person(s) to Issuer**
- Director
- 10% Owner
- Officer (give title below)
- Other (specify below)

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

<table>
<thead>
<tr>
<th>1. Title of Security (Instr. 3)</th>
<th>2. Transaction Date (Month/Day/Year)</th>
<th>3. Transaction Code (Instr. 8)</th>
<th>4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)</th>
<th>5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>7. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock (RSUs awarded April 20, 2016)</td>
<td>04/20/2016</td>
<td>A</td>
<td>1,800</td>
<td>A</td>
<td>$38</td>
<td>1,800 (1)</td>
</tr>
<tr>
<td>Common Stock (RSUs awarded April 21, 2015)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common Stock (RSUs awarded February 2, 2015)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common Stock (RSUs awarded February 3, 2014)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common Stock (RSUs awarded February 6, 2013)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common Stock (RSUs awarded January 30, 2012)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**
(e.g., puts, calls, warrants, options, convertible securities)
<table>
<thead>
<tr>
<th>Code</th>
<th>V</th>
<th>(A)</th>
<th>(D)</th>
<th>Date Exercisable</th>
<th>Expiration Date</th>
<th>Title</th>
<th>Amount or Number of Shares</th>
</tr>
</thead>
<tbody>
<tr>
<td>Options on Common Stock</td>
<td>$29.58</td>
<td>02/15/2011</td>
<td>02/14/2018</td>
<td>Common Stock</td>
<td>5,000</td>
<td>5,000</td>
<td>D</td>
</tr>
</tbody>
</table>

**Explanation of Responses:**

1. Restricted stock unit award vests 100% on the transaction date.
2. Restricted stock unit award vests one fourth on each of the transaction date and the first, second and third anniversaries of the transaction date.

**JENNIFER CHATMAN**

**Signature of Reporting Person**

04/20/2016

**Date**

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

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


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

**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 Number.**