**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

1. Name and Address of Reporting Person
   
   Ghanayem Steve G.
   
   (Last) (First) (Middle)
   
   C/O APPLIED MATERIALS, INC.
   
   3050 Bowers Ave., M/S 1268, PO Box 58039
   
   SANTA CLARA CA 95054

2. Issuer Name and ticker or Trading Symbol
   
   APPLIED MATERIALS INC /DE [ AMAT ]

3. Date of Earliest Transaction (Month/Day/Year)
   
   09/24/2019

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

5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
   
   Director
   
   10% Owner
   
   Officer (give title below)
   
   Other (specify below)
   
   SVP, New Mrks & Alliances Grp

6. Individual or Joint/Group Filing (Check Applicable Line)
   
   X Form filed by One Reporting Person
   
   Form filed by More than One Reporting Person

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### 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. 4)</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</td>
<td>09/24/2019</td>
<td></td>
<td>S 25,772 D $52.12</td>
<td>460,748</td>
<td>D</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>1. Title of Derivative Security (Instr. 3)</th>
<th>2. Conversion or Exercise Price of Derivative Security</th>
<th>3. Transaction Date (Month/Day/Year)</th>
<th>4. Transaction Code (Instr. 3)</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3 and 4)</th>
<th>6. Date Exercisable and Expiration Date (Month/Day/Year)</th>
<th>7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>8. Price of Derivative Security (Instr. 5)</th>
<th>9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)</th>
<th>10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>11. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

**Explanation of Responses:**

1. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from $51.91 to $52.57, inclusive. The reporting person undertakes to provide to Applied Materials, Inc. ("Applied"), any security holder of Applied, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in footnote 1 to this Form 4.

2. Increased number of shares reflects periodic payroll acquisitions under Employee Stock Purchase Plan that are exempt under Rule 16a-10 and Rule 16b-3. Number of shares includes 262,607 performance shares and restricted stock units previously reported that will be converted on a one-for-one basis into shares of Applied common stock upon vesting, which vesting is scheduled to occur on or about June 24, 2022, (b) 34,704 performance shares are scheduled to vest in December 2019, (b) 105,294 restricted stock units are scheduled to vest in installments in December of 2019 through 2021, and (c) 122,699 performance shares are scheduled to vest in installments in December of 2019 through 2021, which number of shares is the target amount, and the actual number of shares that may vest ranges from 0% to 200% of the target amount, depending on achievement of specified performance goals (all vesting is subject to continued employment through each applicable vesting date).

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**Signature:**

/s/ To-Anh Nguyen, Attorney-in-Fact

Date: 09/26/2019

**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.