STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

1. Name and Address of Reporting Person
   READ CHARLES
   (Last) (First) (Middle)
   C/O APPLIED MATERIALS, INC.
   3050 BOWERS AV. P.O. BOX 58039, M/S 1268
   SANTA CLARA, CA 95052-8039

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

3. Date of Earliest Transaction (Month/Day/Year)
   12/03/2020

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

5. Relationship of Reporting Person(s) to Issuer
   Director
   10% Owner
   Corp. VP, Corp. Contrlr. & CAO

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

** 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</td>
<td>12/03/2020</td>
<td>A</td>
<td>5,227**(1)**</td>
<td>A 91,083**(2)**</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. 8)</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</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>
</table>

Explanation of Responses:
1. Represents restricted stock units that will be converted on a one-for-one basis into shares of Applied Materials, Inc. ("Applied") common stock upon vesting, which vesting is scheduled to occur in four equal annual installments beginning January 1, 2022 (subject to continued employment through each applicable vesting date).
2. Increased number of shares reflects periodic payroll acquisitions under Employee Stock Purchase Plan that are exempt under Rule 16a-3 and Rule 16b-3. Number of shares includes 28,022 restricted stock units previously reported that in the future will be converted on a one-for-one basis into shares of Applied common stock upon vesting, which vesting is scheduled to occur in installments in June of 2021 through 2023 and January of 2021 through 2024 (all vesting is subject to continued employment through each applicable vesting date).

/s/ To-Anh Nguyen, Attorney-In-Fact
12/07/2020
** Signature of Reporting Person 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.