

July 3, 2019

Ryan Rhodes  
President and Chief Executive Officer  
Restoration Robotics, Inc.  
128 Baytech Drive  
San Jose, CA 95134

Re: Restoration Robotics, Inc.  
Form 10-K for the Fiscal Year Ended December 31, 2018  
Filed March 20, 2019  
Form 10-Q for the Quarterly Period Ended March 31, 2019  
Filed May 15, 2019  
File No. 001-38238

Dear Mr. Rhodes:

We have reviewed your filing and have the following comments. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to these comments within ten business days by providing the requested information or advise us as soon as possible when you will respond. If you do not believe our comments apply to your facts and circumstances, please tell us why in your response.

After reviewing your response to these comments, we may have additional comments.

Form 10-K for the Fiscal Year Ended December 31, 2018

Exhibit Index, page 109

1. The consent of Grant Thornton LLP included in Exhibit 23.1 refers to their report dated March 19, 2019, although their audit report included on page 80 of the Form 10-K is dated March 20, 2019. Please amend your filing to have Grant Thornton LLP provide a consent that refers to the correct audit report date.

Ryan Rhodes  
FirstName LastNameRyan Rhodes  
Restoration Robotics, Inc.  
Comapany NameRestoration Robotics, Inc.  
July 3, 2019  
Page 2  
July 3, 2019 Page 2  
FirstName LastName  
Form 10-Q for the Quarterly Period Ended March 31, 2019

Item 6. Exhibits, page 67

2. We note the certifications provided in Exhibits 31.1 and 31.2 do not include paragraph 4(b) and the introductory language in paragraph 4 referring to internal control over financial reporting after the end of the transition period that allows these omissions.

Please amend the filing to provide revised certifications. You may file an abbreviated amendment that is limited to the cover page, explanatory note, signature page and paragraphs 1, 2, 4 and 5 of the certification. Refer to Exchange Act Rule 13a-14(a) and Item 601(b)(31) of Regulation S-K.

We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

You may contact Eric Atallah at (202) 551-3663 or Kevin Kuhar, Accounting Branch Chief, at (202) 551-3662 if you have questions regarding comments on the financial statements and related matters. Please contact Thomas Jones at (202) 551-3602 or Heather Percival, Senior

Attorney, at (202) 551-3498 with any other questions.

Corporation Finance

Electronics and Machinery  
cc: Brian J. Cuneo

Sincerely,  
Division of  
Office of