



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

DIVISION OF  
CORPORATION FINANCE

September 10, 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**  
**File No. 001-38238**

Dear Mr. Rhodes:

We have completed our review of your filings. 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.

Sincerely,

Division of Corporation Finance  
Office of Electronics and Machinery

cc: Brian J. Cuneo