

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

October 14, 2022

Adam Sachs Chief Executive Officer Vicarious Surgical Inc. 78 Fourth Avenue Waltham, MA 02451

Re: Vicarious Surgical Inc.
Registration Statement on Form S-3
Filed October 7, 2022
File No. 333-267785

Dear Adam Sachs:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. 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.

Please contact Jordan Nimitz at 202-551-5831 with any questions.

Sincerely,

Division of Corporation Finance Office of Industrial Applications and Services

cc: Edwin C. Pease, Esq.