



DIVISION OF
CORPORATION FINANCE

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

May 18, 2022

Kevin Knopp
Chief Executive Officer
908 Devices Inc.
645 Summer Street
Boston, MA 02210

Re: 908 Devices Inc.
Registration Statement on Form S-3
Filed May 10, 2022
File No. 333-264828

Dear Mr. Knopp:

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 Michael Davis at 202-551-4385 or Christopher Edwards at 202-551-6761 with any questions.

Sincerely,

Division of Corporation Finance
Office of Life Sciences

cc: Michael J. Minahan