



DIVISION OF  
CORPORATION FINANCE

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

May 6, 2021

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

**Re: 908 Devices Inc.**  
**Draft Registration Statement on Form S-1**  
**Submitted April 30, 2021**  
**CIK No. 0001555279**

Dear Mr. Knopp:

This is to advise you that we do not intend to review your registration statement.

We request that you publicly file your registration statement no later than 48 hours prior to the requested effective date and time. 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 Ada D. Sarmiento at 202-551-3798 with any questions.

Sincerely,

Division of Corporation Finance  
Office of Life Sciences

cc: Michael J. Minahan, Esq.