September 7, 2022

Jikun Kim Chief Financial Officer Momentus Inc. 3901 N. First Street San Jose, CA 95134 Re: Momentus Inc. Registration Statement on Form S-3 Filed September 1, 2022 File No. 333-267230 Dear Mr. Kim: 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 Gregory Herbers at 202-551-8028 with any questions.

Sincerely,

Division of Corporation Finance

Office of Manufacturing

cc:

John Titus