

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

September 10, 2021

Steven Reinharz Chief Executive Officer Artificial Intelligence Technology Solutions Inc. 10800 Galaxie Avenue Ferndale, Michigan 48220

> Re: Artificial Intelligence Technology Solutions Inc. Registration Statement on Form S-3 Filed September 2, 2021 File No. 333-259260

Dear Mr. Reinharz:

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: Debra Van Alstyne