

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

DIVISION OF CORPORATION FINANCE

March 19, 2021

James Babikian Attorney Impinj, Inc. 400 Fairview Avenue North, Suite 1200 Seattle, WA 98109

Re: Impinj, Inc.

Form 10-Q Filed October 28, 2020

Exhibits 10.1, 10.2, 10.3, 10.4, 10.5, 10.6 and 10.7

File No. 001-37824

Dear Mr. Babikian,

We have concluded our assessment of your redacted exhibits for compliance with applicable form requirements and will process your supplemental response and related materials in accordance with your request.

Sincerely,

Division of Corporation Finance