To: Superlattices and Microstructures Editorial Board
Subject: Article Submit

Dear Editors,

Enclosed with this letter you will find en electronic submission of manuscript entitled "Acoustically driven degradation in single crystalline silicon solar cell" by Oleg Olikh. This is an origin paper which has not simultaneously in whole or in part been submitted anywhere else. No conflict of interest exits in the submission of this manuscript.

It is known that the electrical properties of semiconductor devices are determined by the crystal microstructure. The present manuscript focused on silicon crystals, one of the most common forms of non-piezoelectric semiconductor materials used in application. It has been experimentally observed that ultrasound loading of silicon solar sell leads to reversible decrease in minority carrier lifetime and shunt resistance. The present manuscript describes the features of ultrasound influence and the qualitative model of the acousto–defect interaction. I believe that using ultrasound for defect engineering would be of interest to the journals readers.

I would very much appreciate if you would consider the manuscript for publication in the *Superlattices and Microstructures*.

Sincerely yours,
Oleg Olikh
Taras Shevchenko National University of Kyiv
Kyiv 01601, Ukraine
E-mail: olikh@univ.kiev.ua