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Schlieren, June 30, 2018,

To whom it may concern,

Our company is a producer of high-end laser systems. Due to these extreme high sensitivities and corresponding high required part tolerances, such equipment is always susceptible to some degree of deviation or errors caused through vibration effects, thermal unbalance and internal micro expansion or contraction due to residual stresses. These residual stresses are inherent everywhere in today's manufacturing procedures (forging, milling, machining) and cannot be completely avoided.

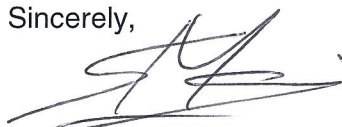
Our company has been searching many years for ways to avoid the build-up of such stresses in the manufacture and machining processes however this is an almost impossible task. There are known technologies for the subsequent removal of such stresses (thermal, peening) however all identified methods were either not satisfactory or were not commercially viable.

We approached MPI in October 2017 with the task of trying to remove the internal residual stresses in a sample aluminum based part. After 12 weeks, MPI had already proven the feasibility of ultrasonic removal of stresses based on their proprietary MMM Ultrasonic technology and customized transducers. To summarize, MPI very quickly solved a long standing manufacturing problem which enables us to

We now have a larger advantage to our competitors and are actively partnering with MPI for full commercialization.

I would highly recommend any manufacturer of high tolerance or critical metal parts to investigate the capabilities of MPI technology since I believe they have something very ground-breaking and unique.

Sincerely,



Sami Marrei  
Director European Operations  
Lumentum Switzerland AG