

Intermetallics as Materials to Substantially Increase the Performance of Suppressors

Disclosure Number

201303011

Technology Summary

The invention relates to weapon systems and more specifically to a high temperature high pressure capable suppressor for such weapons. Basically, making suppressors from high temperature capable materials is revolutionary in that it gives the suppressor extended capabilities to be used on belt fed weapons. Until the use of this material, suppressors were limited to carbines and long rifles (snipers). Now, this advent of using this material will allow these to be used on belt fed weapons without fear of failure, like every other suppressor in existence. None have been capable of surviving thousands of rounds on a belt fed weapon.

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