

## Additive Manufacturing of Isotropic NdFeB Bonded Magnets

### Disclosure Number

201603797

### Technology Summary

Additive manufacturing allows for the production of complex parts with minimum material waste, offering an effective technique for fabricating permanent magnets which frequently involve critical rare earth elements. In this disclosure, we demonstrate a novel method - Big Area Additive Manufacturing (BAAM) - to fabricate isotropic near-net-shape NdFeB bonded magnets without any degradation in magnetic properties.

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