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Better motors, generators and transformers for electrical power

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Current technology using polycrystalline electrical steels operates at a maximum magnetic induction of 1.6 T. Here it is proposed to change this to greater than 2 T using patterned polycrystalline iron with energy savings approaching a trillion dollars per year. Such a fundamental change in technology may take a generation. It is proposed to use the proceeds from this endeavor to give clean drinking water to the world.

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