

## Teeny tiny windmills could recharge phones

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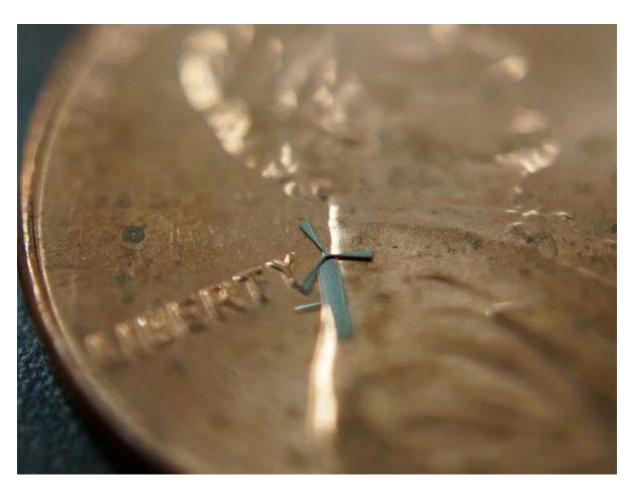












One of the tiny windmills.





Miraculins signs EXCLUSIVE licensing deal with China

can fit on a single grain of rice), can harvest energy from the movement of air.

They are the work of University of Texas, Arlington, research associate Smitha Rai smartphone cases embedded with hundreds of windmills that could charge the ph on a windy day.

The windmills were crafted using origami techniques that allow two-dimensional sl moving mechanical structures. They're made of a durable, flexible nickel alloy that minimal, aerodynamic design.

Rao and Chiao created the windmill for a Taiwanese superconductor company call interested in Rao based on her work in micro-robotics.

"It's very gratifying to first be noticed by an international company and second to might be used," Rao said. "However, I think we've only scratched the surface on h

Chiao added that the windmills could perhaps be crafted into panels of thousands, wind energy for lighting, security, or wireless communication.

(Source: CNET Australia)

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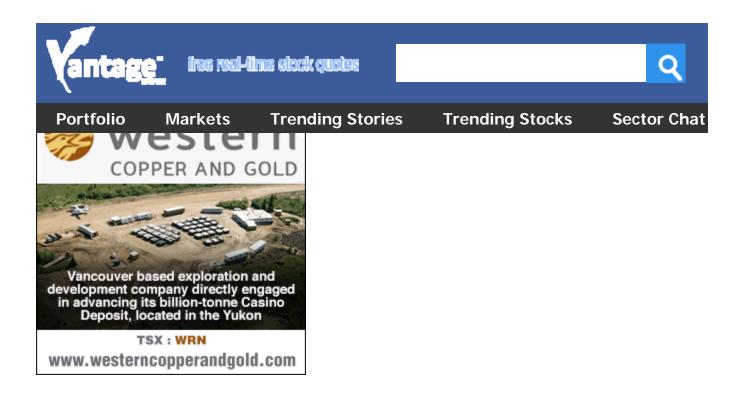








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