

This is an idea for new tattoo needles!

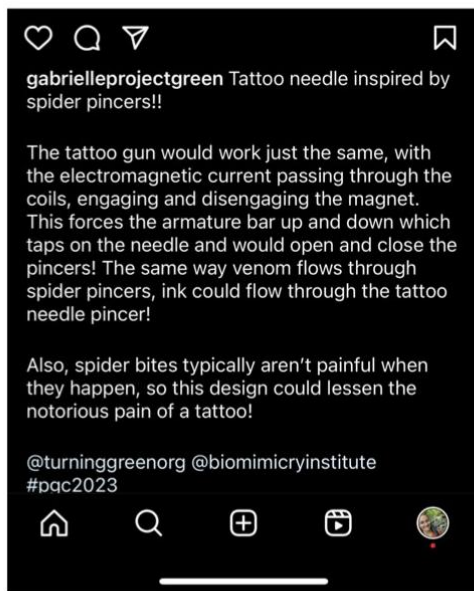
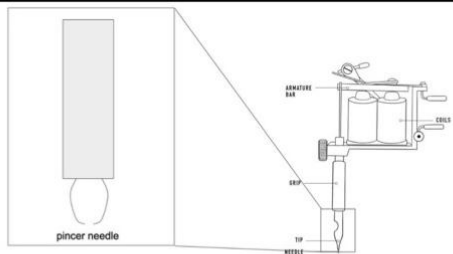
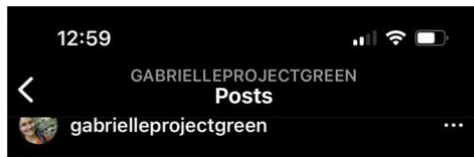
Tattoos are notoriously pretty painful, but you know what often goes unnoticed? Spider bites!

This tattoo needle is based on the makeup of spider pincers! Wouldn't you think there would be two holes if a spider pinched you? Technically yes, but they're so close together, there's no way to tell the difference. And since they go unnoticed until the itching starts, this would allow for a less painful tattoo process.

The way it works:

It would work just like normal! There would be an electromagnetic current passing through the coils, engaging and disengaging a magnet. This forces the armature bar up and down tapping like a tiny hammer on top of the needle, resulting in repeated taps into the skin. However, when the pincer needles are tapped down, the gap between them would close, pinching the same way a spider would, and releasing when the magnet is released. Just like pincers, the ink would run through them and be injected into the skin the same way spiders inject venom when they bite.

Luckily, I did not see a spider while I was in nature, but I did see bugs and it got me thinking about how much I dislike spiders. While researching for the Greenest Challenge, I found that a new technology for needles based on mosquito bites is in the works! I recently got a new tattoo and it was on my elbow, making it painful for parts of it. I'd be curious if the pincer method of a tattoo needle would lessen the pain!



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