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WORLD

SEE: UK man gets new robotic arm that's precise enough to let him type, tie shoes and crack eggs.

The bebionic3 myoelectric hand has been programmed with 14 different grips that approximate human behavior, from a one-fingered point to a flexed fist that allows the user to carry heavy objects.

BY [PHIL CAULFIELD](#) / NEW YORK DAILY NEWS

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CASEY GUTTERIDGE/SWNS.COM

Nigel Ackland lost his hand in an accident six years ago and has been given a new lease on life thanks to a Terminator-style prosthesis.

A British man who lost his arm in a horrific smelting accident has been fitted with a bionic arm so precise that he can now type and crack raw eggs.

Nigel Ackland, 53, of Cambridgeshire, north of London, had his lower right arm mangled by an industrial blender six years ago. Rather than walk around with the useless limb, he opted to have it cut off.

Earlier this year, prosthetics company RSLSteepe agreed to use him as a test case for a robotic arm he can operate by twitching the muscles in his upper forearm.

The futuristic limb has given him "a whole new quality of life," London's [The Sun](#) reported.

"I have been blown away by the robotic hand, I could sit and watch it all day," Ackland said, according to [The Sun](#). "I feel like the Terminator."

The arm has been programmed with 14 different grips that approximate human behavior, from a one-fingered point to a flexed fist that allows Ackland to carry heavy objects.

The married father of one can now tie his shoes and click a computer mouse. "Prior to this I used prosthetic limbs provided by (England's National Health Service) which were horrible," Ackland said.

"I used a hook, which didn't resemble a hand at all.

The bio-limb even comes with a synthetic skin that matches Ackland's own skin tone.

The device, known as the bebionic3 myoelectric hand, is set to be unveiled officially in London this week. It costs about \$40,000 to outfit a patient with it.



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Nigel Ackland is one of just seven people in the country to be given the chance to trial the realistic mechanical hand for four months.

Ackland's arm is a loaner, but he said he hopes the RSLSteepe brass will allow him to keep it.

"People in the street don't really know how to react to the fact that you have no arm and as a result you can be left feeling exceptionally withdrawn," he said.



CASEY GUTTERIDGE/SWNS.COM

Nigel Auckland with his prosthetic limb the most advanced in the world - the bebionic3 hand - which has transformed his life.

"With the Terminator arm people will come up and ask you about it."



CASEY GUTTERIDGE/SWNS.COM

The new bebionic3 myoelectric hand, made from carbon fibre and aluminium, with alloy knuckles, gives new dexterity to those missing a hand or arm.



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