



The invisibility cloak | Photo source [Hyperstealth Biotechnology Corp.](#)

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## CANADIAN COMPANY DEVELOPS REAL-LIFE INVISIBILITY CLOAK FOR MILITARY USE

 GOVERNMENT & DEFENCE

### Hyperstealth Biotechnology Corp has created an ultrathin material that bends light to render objects invisible

**Spotted:** Canadian company, Hyperstealth Biotechnology Corp, has created a paper-thin material that makes objects “invisible”. The portable material does not require an energy source and has been marketed for military use.

The material, [Quantum Stealth](#), resembles a gadget from a [Mission Impossible](#) film. It works by bending light rays, rendering objects behind it invisible. It also blocks [ultraviolet](#), [infrared](#) and [shortwave infrared waves](#).

The company says that its ultrathin, light and mobile form makes it ideal for military action. A video clip demonstrating the Quantum Stealth showed how it could potentially cloak over tanks and other military hardware. The light-weight material can be bent and folded and is designed to be carried in a soldier’s backpack, and it can also be [used to make parachutes](#).

Hyperstealth Biotechnology Corp, known for its camouflage products, has already applied for a patent for the Quantum Stealth material. It has also applied for patents for a holographic-like display system.

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**Takeaway:**

Harry Potter's cloak aside, creating a true invisibility cloak has long been seen as a **near-impossible task**. In the past, scientists have tried using electromagnetic waves and **man-made substances, called "metamaterials"**. But the results fell short of true invisibility. Hyperstealth Biotechnology Corp believes that the Quantum Stealth material represents a major breakthrough for the field. In anticipation of the problems invisibility could cause, the company is already working on technology that could detect cloaked items.