

## Categories

Electronic Devices and System; Energy and Environment; Food and Agriculture; Wellness, Medical and Healthcare;

## Technology & Applications

The present invention relates to a nano-functionalised fabric doped with nano-coating finishing for enhanced textile applications. The nano-coating finishing attaches and embeds to the individual fibers creating a strong bond between the nanotechnology compounds and fibers. The nano-coating finishing is a photocatalytic coating of hybrid nano silver or nano silicon dioxide. Preferably, the invention focuses on fabric products (kids wear or school children uniform).

## Solution

We provide nanotechnology textile that can protect your love one from bacteria, hygiene issues and insect bites.

## Advantages

- Antimicrobial
- Hygienic
- Insect repellence

## Intellectual Property

Patent: PI2020003058

## Inventors

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## Technology Partner

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## Gallery



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