

# Production of complex shaped polymer materials

## Invention Description

We present world's first design for large scale production method of complex shaped and composite polymeric materials using electrospinning or electro spraying process. The method employs controlled spinning or spraying of polymeric solution to produce complex geometries such as hand gloves.

## Key Features

- *Mass spinning system*
- *Novel production method for gloves or complex shapes*
- *Smooth and consistent finishing of the product*
- *Flexible systems for a variety of polymeric materials with reinforcements*



## Advantages

- *Reduce material waste*
- *Minimize production time*
- *Reduce cost*
- *Limited cleaning requirements*
- *Low labor cost*

## Market Applications

*Medical Industry, Industrial, Sport Industry*

## Patent

*This invention is Malaysian Patent Pending No. PI 2021004216.*

*Currently seeking commercial partner for licensing.*

## Contact us

*For enquiries on this invention, please contact:*

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