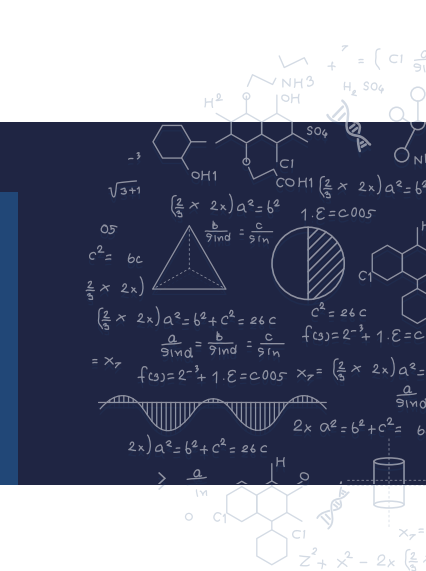


# LICENSING OPPORTUNITY: ADVANCED NANOFABRICATION PROCESS FOR HIGH-PRECISION NANODEVICES



## DESCRIPTION

### Problem

Traditional nanofabrication methods lack precision and struggle with complexity. Many existing techniques limit the ability to manipulate biomolecules effectively. This invention addresses these limitations by providing a more controlled and scalable approach. It reduces errors in nanoscale manufacturing, leading to higher-quality devices. The result is a more reliable and efficient nanofabrication process.

### Invention

This invention introduces a nanofabrication process that enables the creation of highly complex and precise nanodevices. It enhances the ability to manipulate biomolecules and other microscopic structures. The process improves dimensional control, allowing for more intricate designs. It also increases efficiency in manufacturing nanoscale components. Ultimately, this technology expands the possibilities for nanotechnology applications.

## BENEFITS

### Potential Commercial Applications

This technology can be used in medical diagnostics, enabling more precise biosensors. It has applications in drug delivery systems, improving targeted treatments. The semiconductor industry can benefit from advanced microchip fabrication. It also supports biotechnology research, allowing for better manipulation of biological molecules. Additionally, it can enhance optical and electronic nanodevices.

### Competitive Advantage

This invention offers higher precision than conventional nanofabrication techniques. It enables greater complexity in nanodevice design. The process is more scalable, making it suitable for mass production. It improves efficiency, reducing manufacturing costs. Overall, it provides superior control over nanoscale structures.

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