**Docket #:** S11-232

# Treatment of Ocular Diseases Using Device Which Modulates Pathological Neural Pathways

Stanford researchers have developed a device and method aimed at intranasal neurostimulation for treating ocular diseases. As a non-surgical and non-implantable device, this system can be used at home by patients as needed to treat a diseases such as dry eye, eye twitch, allergies, occular migrane etc. Many of these diseases are currently ineffectively managed using pharmaceuticals and this system is able to provide improved patient outcomes with fewer overall side effects.

**Stage of development**
FDA cleared

## Applications

- Treatment of Various Ocular Conditions:
  - Dry eye, Eye twitch, Glaucoma
  - Allergy, Ocular Migraine, etc
- Implantable Medical Devices

## Advantages

- Increased efficacy expected

## Patents

- Published Application: WO2012068247

- Published Application: 20120130398
- Published Application: 20150088156
- Published Application: 20150335900
- Published Application: 20180064940
- Published Application: 20180064941
- Published Application: 20180154161
- Published Application: 20190290922
- Published Application: 20210008379
- Published Application: 20230405339
- Issued: 8,918,181 (USA)
- Issued: 9,821,159 (USA)
- Issued: 10,835,748 (USA)
- Issued: 10,143,846 (USA)
- Issued: 10,722,718 (USA)
- Issued: 11,771,908 (USA)

## Innovators

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