



Neuro-Olfactory Technology: Innovative Prevention of Odor-Triggered Conditions

Executive Summary

Our patented Neuro-Olfactory Technology provides a breakthrough solution for preventing odor-triggered conditions through an innovative nasal spray delivery system. This preservative-free formulation creates a non-toxic barrier within nasal passages, effectively blocking triggering compounds while maintaining natural breathing patterns.

Technology Overview

The technology utilizes a proprietary aerosolized nasal spray that forms a protective barrier, preventing odorous compounds from reaching sensitive neural receptors. Based on Generally Recognized as Safe (GRAS) ingredients, this preservative-free solution offers significant potential for both over-the-counter and prescription applications.

Primary Applications

- **Migraine Prevention**
 - Blocks odor-triggered headaches
 - Rapid onset protection
 - Preventive intervention
 - Maintained effectiveness
- **Nausea Management**
 - Pregnancy-related symptoms
 - Environmental sensitivity
 - Chemotherapy-induced nausea
- **Multiple Chemical Sensitivity (MCS) Management**
 - Blocks airborne chemical triggers
 - Reduces hypersensitivity reactions
 - Provides immediate relief during exposure
- **Future Applications**
 - Appetite control and weight management
 - Food aversion therapy

Technical Innovation

The technology provides unique advantages through:

- Non-toxic barrier formation
- Customizable odor blocking
- Preserved breathing function
- Natural ingredient profile
- Preservative-free formulation

Market Opportunity

Addresses significant unmet needs in:

- Migraine prevention
- Pregnancy care
- Multiple Chemical Sensitivity (MCS) care
- Chemotherapy support
- Weight management

Commercial Benefits

- **Regulatory Flexibility**
 - OTC potential
 - Prescription applications
 - Medical device classification
 - Multiple market paths
- **Product Advantages**
 - Natural formulation
 - Preservative-free
 - Easy application
 - Rapid action
- **Market Protection**
 - U.S. Patent No. 10,350,233
 - International protection
 - Clear IP position
 - Development runway

Implementation

The technology offers multiple commercialization paths:

- Over-the-counter products
- Prescription medications
- Specialty applications
- Consumer health products

Development Status

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| <ul style="list-style-type: none">• Current Stage<ul style="list-style-type: none">• Patent granted• Formula optimized• Safety established• Ready for partnerships | <ul style="list-style-type: none">• Next Steps<ul style="list-style-type: none">• Clinical validation• Market preparation• Partner engagement• Regulatory pathway |
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Contact Information

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Patent Status: U.S. Patent No. [10,350,233](#)