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(71)Name of Applicant :

**1)Mr. Swatantr Bahadur Singh**

Address of Applicant :Assistant Professor, School of Pharmaceutical Sciences, Faculty of Pharmacy, IFTM University, Moradabad, Uttar Pradesh, Pin Code:244001 -----

**2)Dr. Pooja Saini**

**3)Mr. Sonu Sagar**

**4)Ms. Shahnaz**

**5)Ms. Swati Kashyap**

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

**1)Mr. Swatantr Bahadur Singh**

Address of Applicant :Assistant Professor, School of Pharmaceutical Sciences, Faculty of Pharmacy, IFTM University, Moradabad, Uttar Pradesh, Pin Code:244001 -----

**2)Dr. Pooja Saini**

Address of Applicant :Assistant Professor, School of Pharmaceutical Sciences, Faculty of Pharmacy, IFTM University, Moradabad, Uttar Pradesh, Pin Code:244001 -----

**3)Mr. Sonu Sagar**

Address of Applicant :Associate professor, Bhartiya pharmacy college, Gajraula, Amroha, Uttar Pradesh, Pin Code: 244102 -----

**4)Ms. Shahnaz**

Address of Applicant :School of Pharmaceutical Sciences, Faculty of Pharmacy, IFTM University, Moradabad, Uttar Pradesh, Pin Code:244001 -----

**5)Ms. Swati Kashyap**

Address of Applicant :School of Pharmaceutical Sciences, Faculty of Pharmacy, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244001 -----

(57) Abstract :

The present invention relates to a novel pharmaceutical composition derived from Thuja orientalis, known for its traditional medicinal properties. The composition is formulated through advanced phytochemical analysis to extract key bioactive compounds, including flavonoids, terpenes, and phenolic acids, which exhibit significant antioxidant, analgesic, and sedative activities. The eco-friendly extraction method enhances the bioavailability of these active compounds, offering an effective and sustainable solution for managing conditions such as inflammation, chronic pain, and anxiety disorders. This invention provides a natural, multi-targeted therapeutic approach, potentially broadening clinical applications for Thuja orientalis in modern healthcare.

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