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(54) Title of the invention : TRANSDERMAL PATCH FORMULATION OF SB202190 FOR NEUROBEHAVIORAL DISORDERS			
<div>(51) International classification :A61K0009700000, A61K0009000000, A61F0013020000, A61P0025000000, A61K0047140000</div> <div>(86) International Application No :NA</div> <div>(87) International Publication No : NA</div> <div>(61) Patent of Addition to Application Number :NA</div> <div>(62) Divisional to Application Number :NA</div>		<div>(71)Name of Applicant : 1)Chitkara University Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ----- 2)Chitkara Innovation Incubator Foundation Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)Dr. Amarjot Kaur Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ----- 2)Gauri Vishen Singh Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ----- 3)Amit Kumar Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ----- 4)Pragati Silakari Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ----- 5)Chetna Nayak Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ----- 6)Ojashvi Sharma Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ----- 7)Thakur Gurjeet Singh Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----</div>	

(57) Abstract :
A transdermal delivery system is designed for the controlled and sustained release of a therapeutic agent that targets neuroinflammatory pathways to improve neurobehavioral disorders. The system includes a solvent, a therapeutic agent, and a polymer base forming a uniform matrix, which is applied to a polyester film backing layer. An adhesive layer and release liner are added, and the system is packaged in moisture-proof and light-resistant materials. The method involves dissolving the therapeutic agent in a solvent, mixing it with a polymer base, and processing it into patches for effective delivery through the skin. Reference Fig 1

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