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(71)Name of Applicant :  
**1)Chitkara University**  
 Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

**2)Bluest Mettle Solutions Private Limited**  
**Name of Applicant : NA**  
**Address of Applicant : NA**

(72)Name of Inventor :  
**1)KAUSHAL, Rajesh**  
 Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

**2)MISHRA, Rahul**  
 Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----

**3)SINGH, Dhiraj**  
 Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----

(57) Abstract :  
 The present disclosure relates to a system (100) and a method (300) for managing blockchain-based crop insurance. The method includes one or more blockchain nodes (102) communicatively coupled to each other to form a blockchain network (104), and each of the one or more blockchain nodes (102) includes a processor (108). The processor (108) receives personal information, crop information, and land coordinates by an entity from a first computing device, receives weather conditions from weather authority at the received land coordinates, by an insurer from a second computing device, and evaluates premium to be paid, by the entity to the insurer, in response to the received personal information, crop information, land coordinates, and weather conditions. Additionally, the processor (108) generates a contract with an insurance policy document and stores to a decentralized server (130). Moreover, the processor (108) generate at least one token, upon receiving a request from the insurer.

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