

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311016530 A

(19) INDIA

(22) Date of filing of Application :13/03/2023

(43) Publication Date : 17/03/2023

(54) Title of the invention : SYSTEM AND METHOD TO MANAGE A PROPERTY VIA A DISTRIBUTED LEDGER

(51) International classification :G06Q 200600, G06Q 203800, G16H 402000, H04L 090600, H04L 093200
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(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)MISHRA, Rahul

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

2)PANDEY, Sakshi

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

3)SHARMA, Bhanu

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

(57) Abstract :

The present disclosure relates to a system and method to manage a property via a distributed ledger. The method includes enabling a first party and a second party for registering on the distributed ledger upon submitting a plurality of corresponding details independently. The method also includes enabling the second party to find the first party based on one or more requirements. The method also includes generating a smart contract between the first party and the second party on the distributed ledger, upon establishing one or more parameters. The method further includes authenticating a plurality of parameters using a certification department node and a record management node, for validating each of the plurality of parameters. The method also includes enabling the first party and the second party to sign the smart contract via the distributed ledger.

No. of Pages : 24 No. of Claims : 9