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- (71) **Applicant: SMILE AUTOMATION PVT. LTD.** [IN/IN];
Survey No 167/A2, Plot No 7, Office No 401, 4th Floor,
Street Above PNG, Happy Colony, Kothrud, Pune, Maha-
rashtra, Pune 411038 (IN).
- (72) **Inventors: KULKARNI, Sanjeev;** 9, Radhanagari Phase
I, Wadgaon Budruk, Sinhgad, Road, Maharashtra, Pune
411041 (IN). **POULOSE, Liju;** 402, Nishat Apartment,
Church Road, Marol, Village, Andheri East, Mumbai,
Mumbai 400059 (IN).
- (74) **Agent: KOSHAL, Amit et al.;** B1-2002/2003, F Resi-
dences, Balewadi, Pune-411045, Maharashtra (IN).

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(54) **Title:** DATA ANALYTICS IN SUPPLY CHAIN

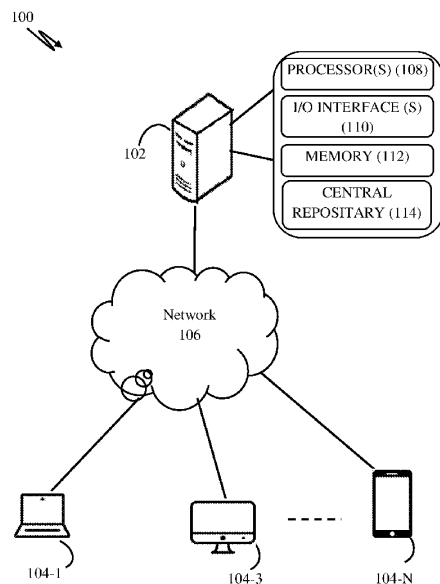


Figure 1

(57) **Abstract:** A system for performing real time data analytics in a supply chain environment is disclosed. The system receives data file from a user. The system then identifies a plurality of data definitions present in the data file upon analysing the software system installed on the user's machine. Further, the system compares the plurality of data definitions with a master definitions based on the metadata corresponding to the software system and a trained data definition model. Subsequently, the system transforms the plurality of data definitions into the master definitions using a set of data transformation techniques. A transformed data file based on the transformation of the plurality of data definitions is created. Finally, the system links the transformed data file with the master data in real time to remotely access the transformed data file in real time for performing data analytics in a supply chain environment.

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