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(71) Applicant: **VODAFONE GROUP SERVICES LIMITED** [GB/GB]; Vodafone Group Services Limited, Vodafone House, The Connection, Newbury Berkshire RG14 2FN (GB).

(72) Inventors: **POSCHKE, Nils**; Vodafone Group Services Limited, c/o Group Legal (Patents), One Kingdom Street, Paddington Central, London Greater London W2 6BY (GB). **PALMER, David**; Vodafone Group Services Limited, c/o Group Legal (Patents), One Kingdom Street, Paddington Central, London Greater London W2 6BY (GB). **PRABDIAL, Yakeem**; Vodafone Group Services

Limited, c/o Group Legal (Patents), One Kingdom Street, Paddington Central, London Greater London W2 6BY (GB). **BENTO, Jorge**; Vodafone Group Services Limited, c/o Group Legal (Patents), One Kingdom Street, Paddington Central, London Greater London W2 6BY (GB).

(74) Agent: **BOULT WADE TENNANT LLP**; Salisbury Square House, 8 Salisbury Square, London Greater London EC4Y 8AP (GB).

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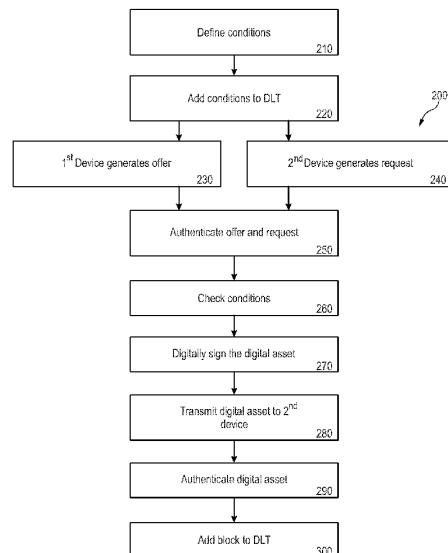


Fig. 1a

(57) Abstract: Method and system for generating transactions comprising defining one or more conditions for a transaction. Adding the one or more conditions to blocks within a distributed ledger. Generating by a first device, an offer for a digital asset, wherein the offer is digitally signed by a secure applet executing within a UICC of the first device. Generating by a second device, a request for the digital asset, wherein the request is digitally signed by a secure applet executing within a UICC of the second device. Authenticating the digital signatures of the offer and of the request. Determining that the offer and request meet the one or more conditions added to the distributed ledger and if the one or more conditions are met by the offer and the request then digitally signing the digital asset by the secure applet executing within the UICC of the first device. Transmitting the signed digital asset from the first device to the second device. Authenticating the digital signature of the signed digital asset and adding to a block on the distributed ledger, a transaction recording the transmission of the digital asset from the first device to the second device.

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