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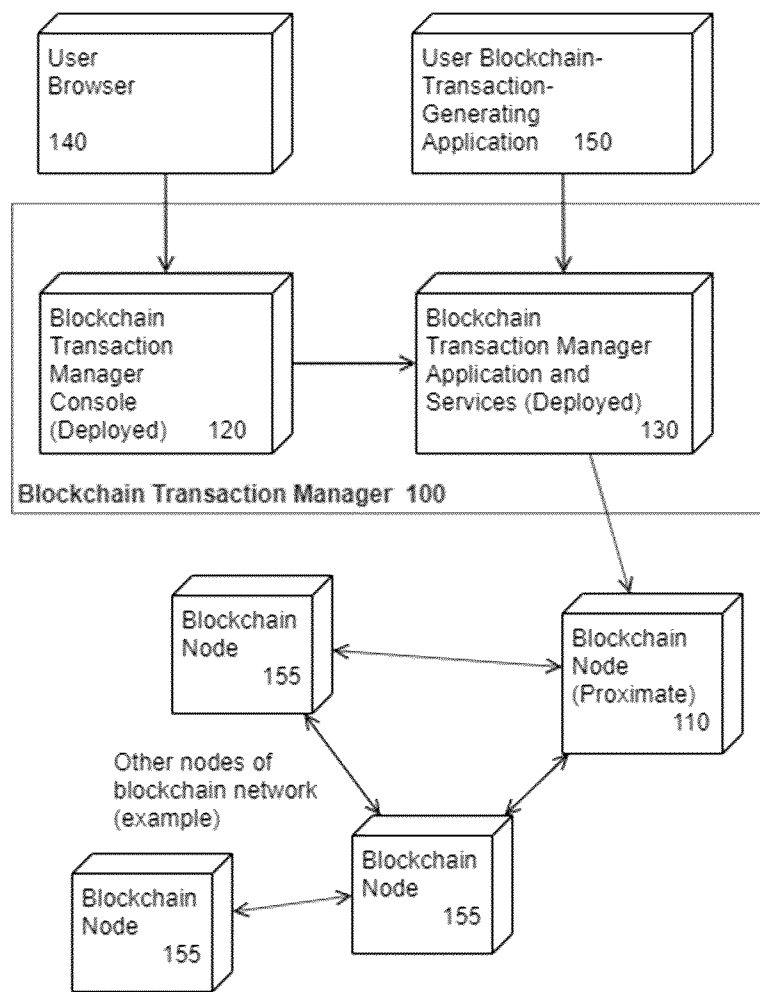


FIG. 1

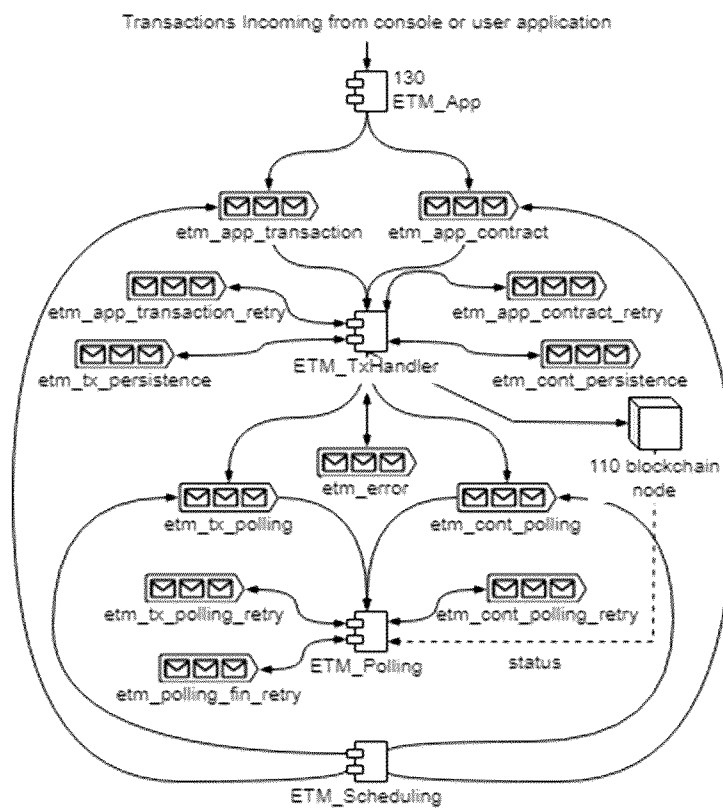
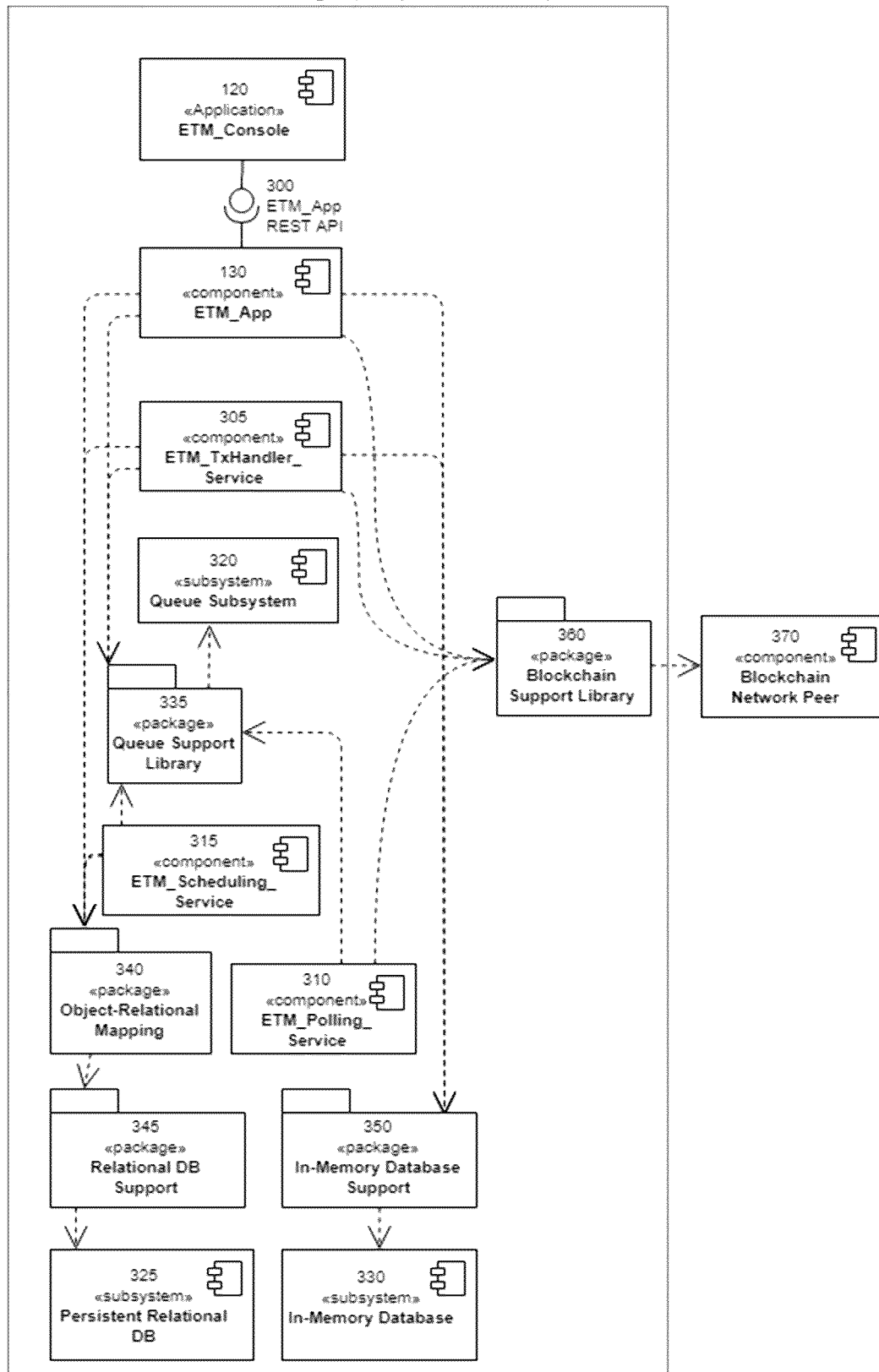


FIG. 2

100 Blockchain Transaction Manager (Sample Embodiment)



--- all dependencies have stereotype «Use» --->

FIG. 3

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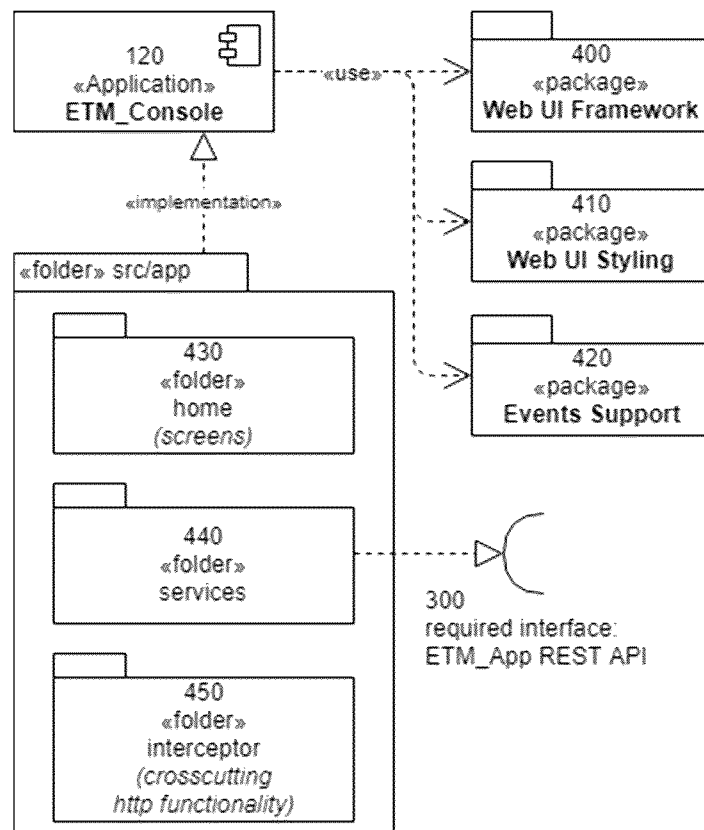


FIG. 4

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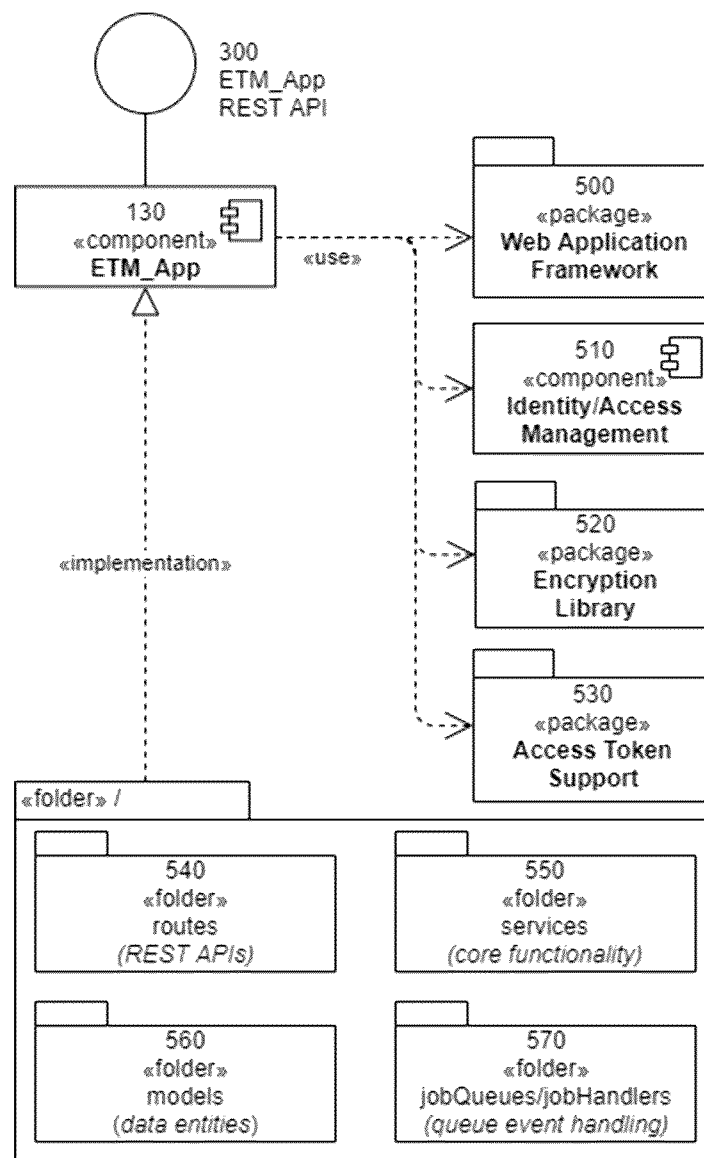


FIG. 5

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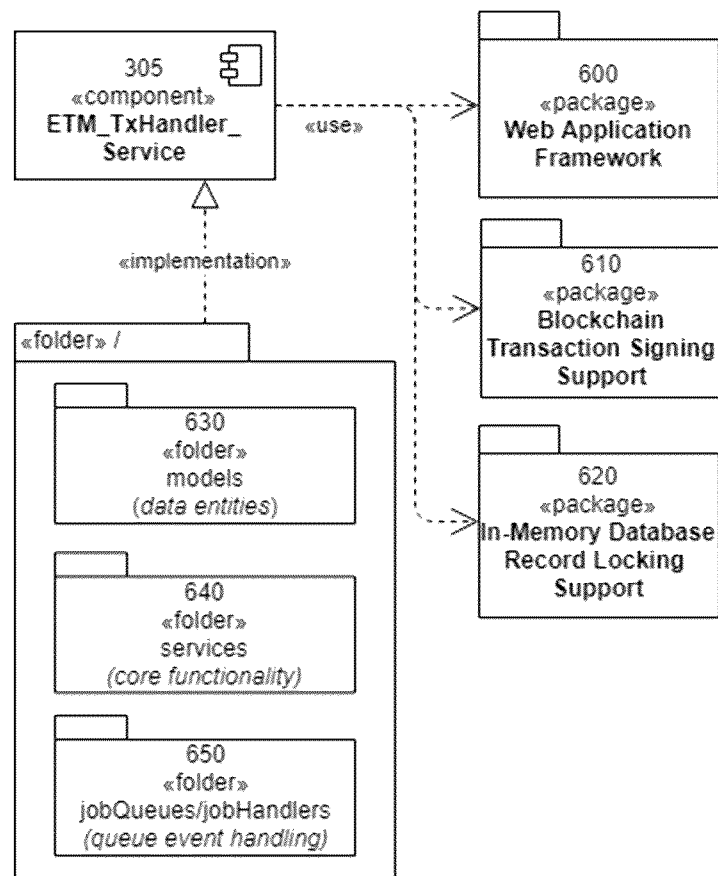


FIG. 6

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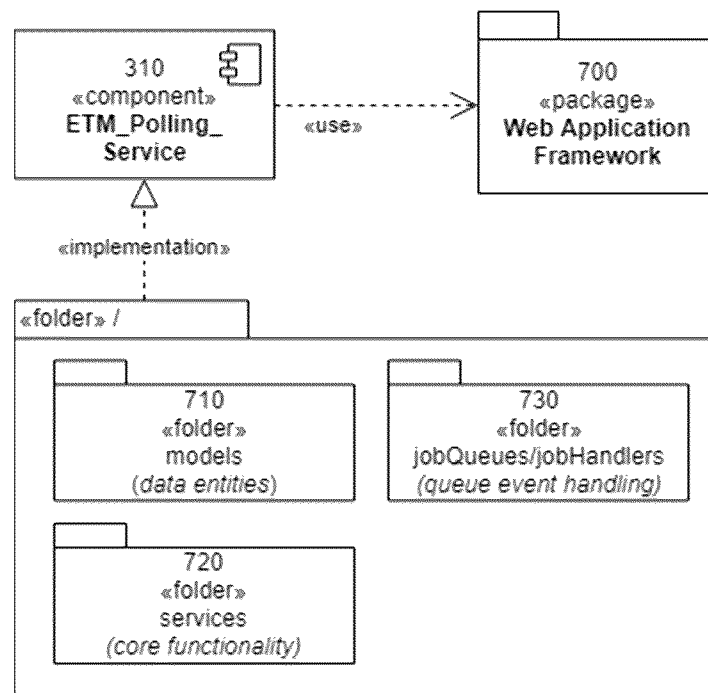


FIG. 7

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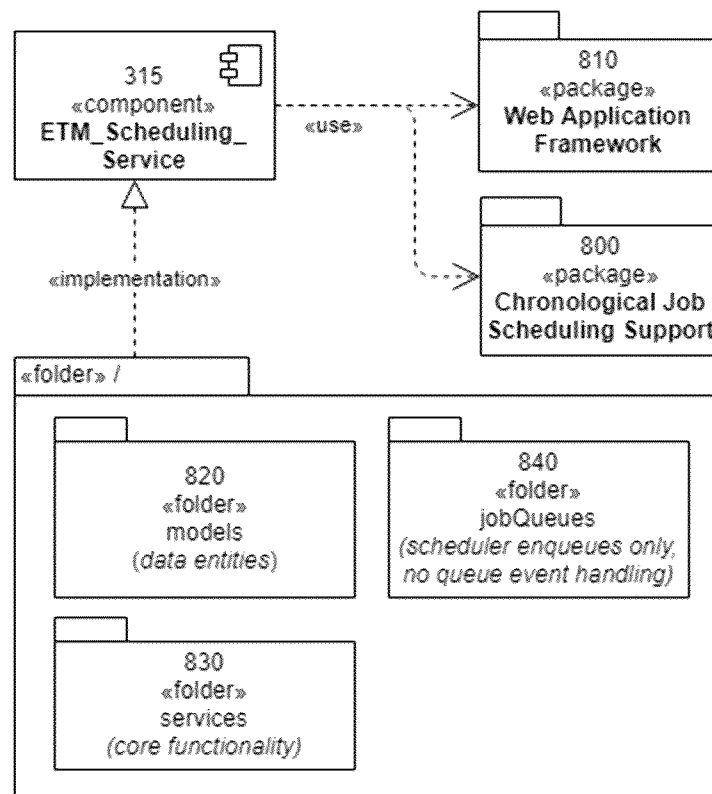


FIG. 8

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900 Transaction	
PK	<u>Tx_Id: STRING</u>
	Raw_Tx: JSON Status: STRING Hash: STRING Gas_Limit: STRING Gas_Price: STRING Retry_Count: INTEGER Processed: BOOLEAN Processed_Count: INTEGER Provider_Type: STRING Is_Contract: BOOLEAN Bucket_Name: STRING Network_Name: STRING createdAt: TIMESTAMP updatedAt: TIMESTAMP

910 Contract	
PK	<u>Tx_Id: STRING</u>
	Raw_Tx: JSON Contract_Address: STRING Status: STRING Hash: STRING Gas_Limit: STRING Gas_Price: STRING Retry_Count: INTEGER Processed: BOOLEAN Processed_Count: INTEGER Provider_Type: STRING Is_Contract: BOOLEAN Bucket_Name: STRING Network_Name: STRING createdAt: TIMESTAMP updatedAt: TIMESTAMP

920 Error	
PK	<u>Tx_Id: STRING</u>
	Raw_Tx: JSON Status: STRING Is_Contract: BOOLEAN Provider_Type: STRING Error: STRING Error_Code: STRING Hash: STRING Network_Name: STRING Bucket_Name: STRING createdAt: TIMESTAMP updatedAt: TIMESTAMP

930 Application	
PK	<u>App_Name: STRING</u>
	createdAt: TIMESTAMP updatedAt: TIMESTAMP

940 NetworkInfo	
PK	<u>Network_Name: STRING</u>
	Network_Name: STRING Host: STRING(2000) Connection_Object: STRING(2000) Is_Deleted: BOOLEAN updatedAt: TIMESTAMP createdAt: TIMESTAMP

FIG. 9

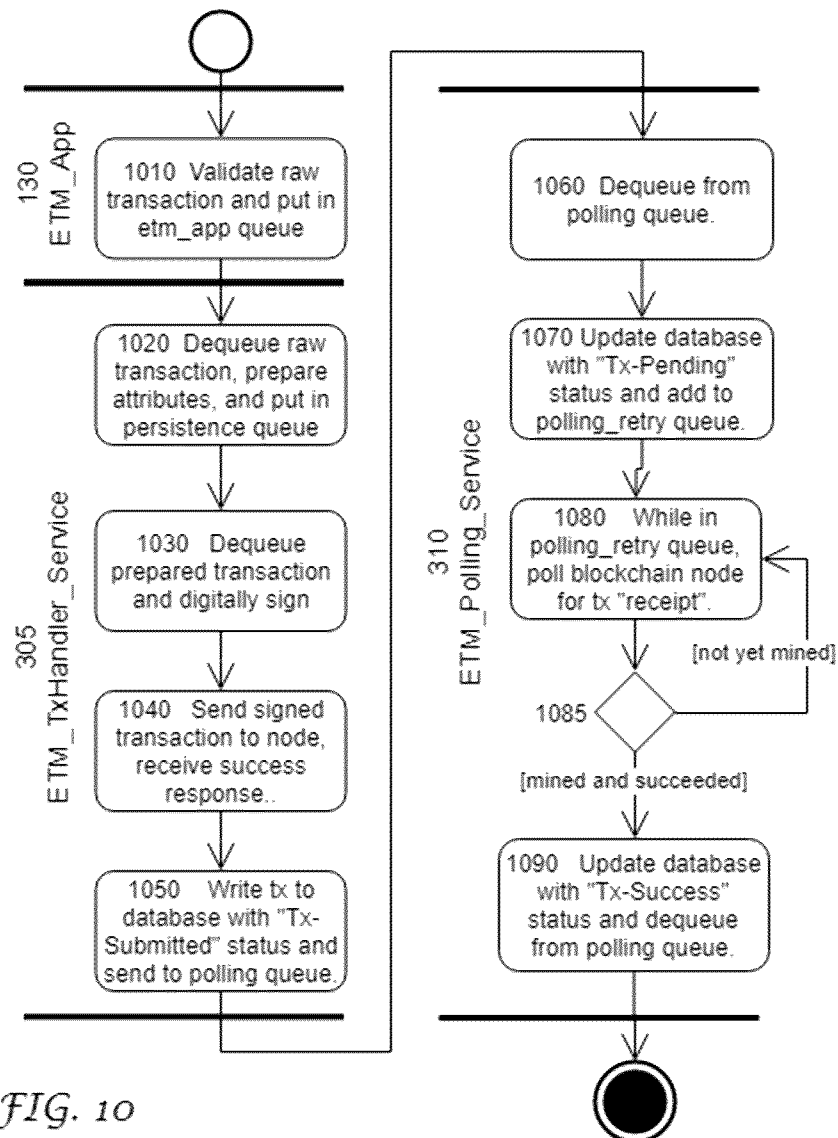


FIG. 10

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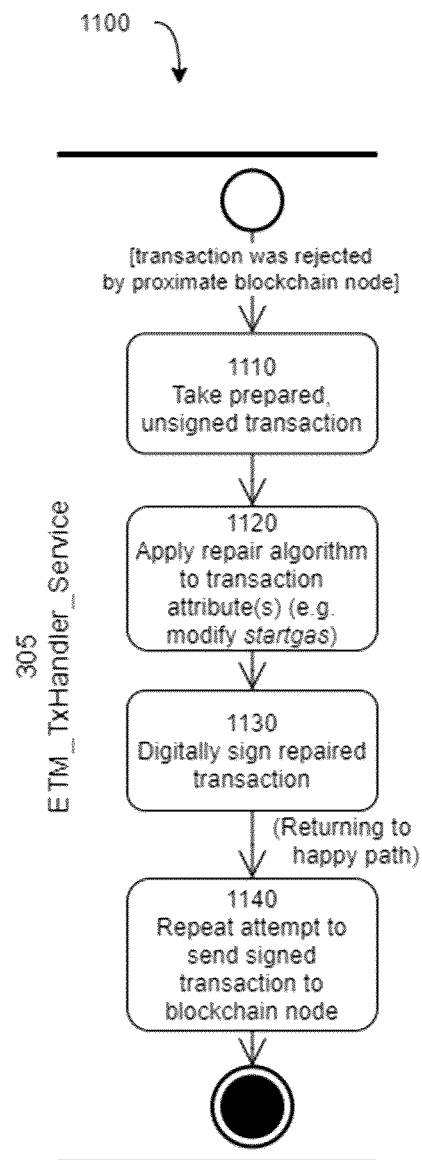


FIG. 11

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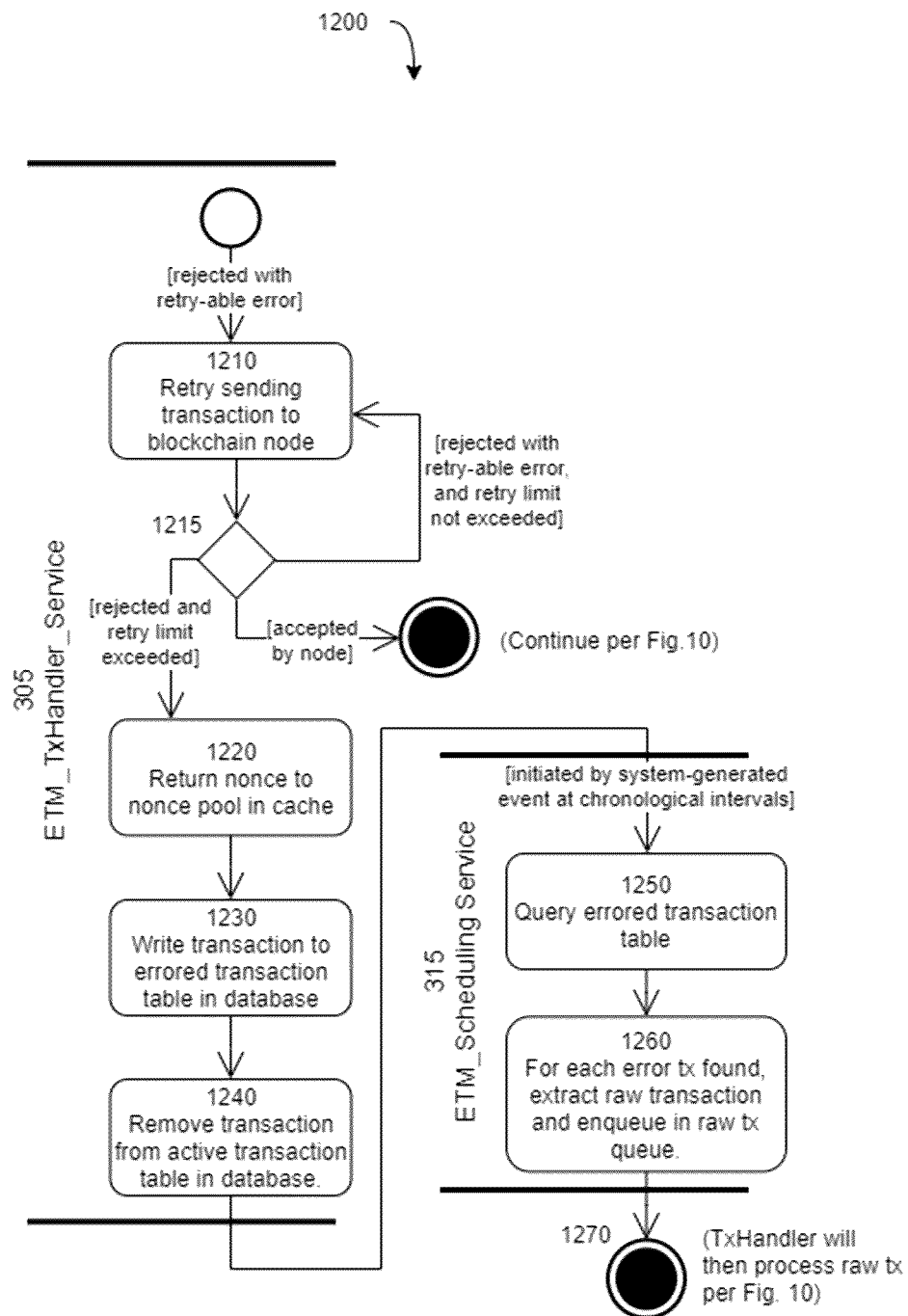


FIG. 12

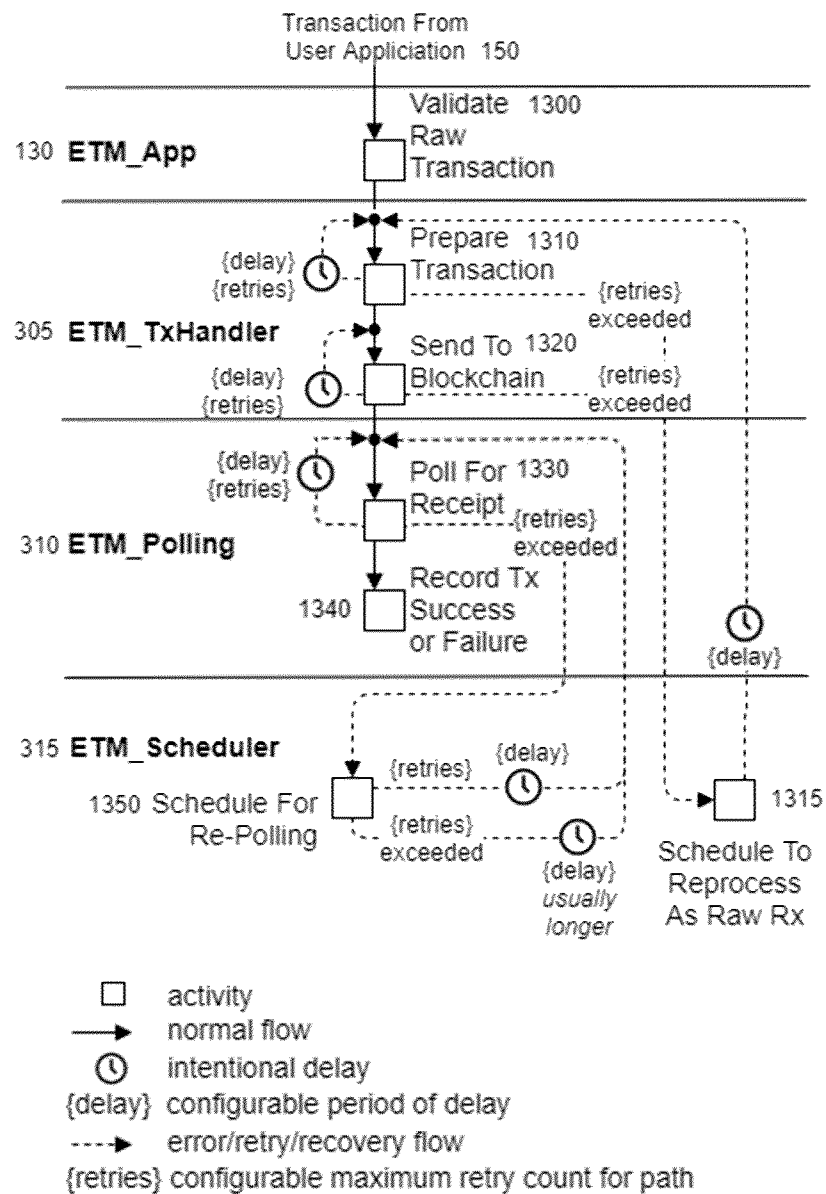


FIG. 13

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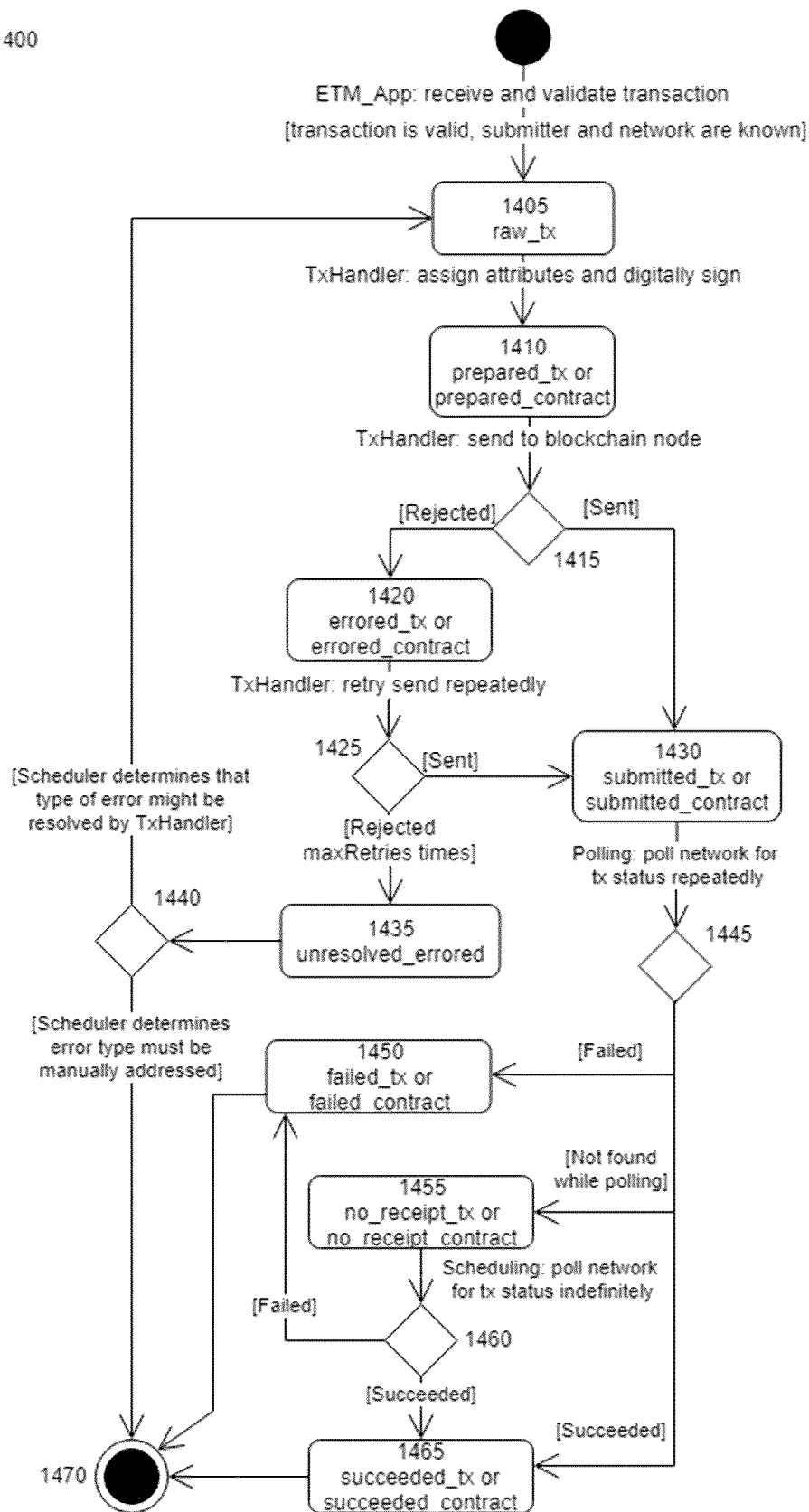
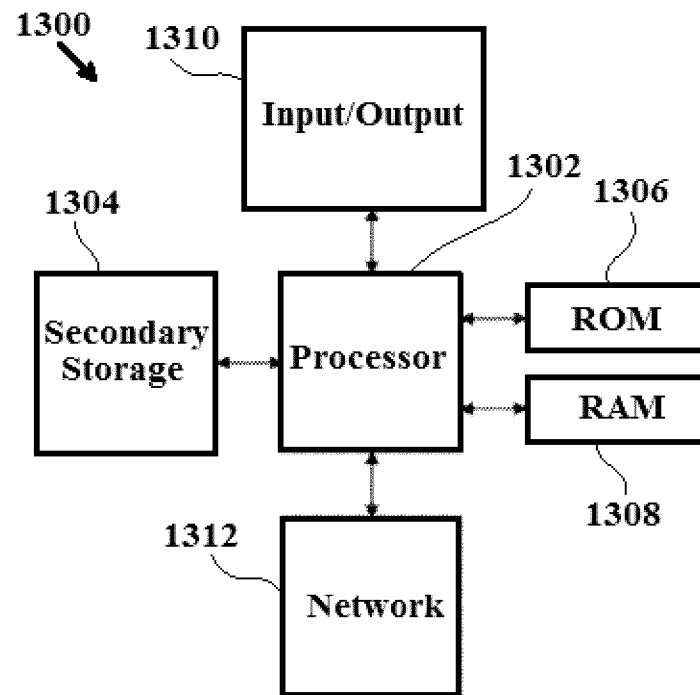


FIG. 14

*FIG. 15*