

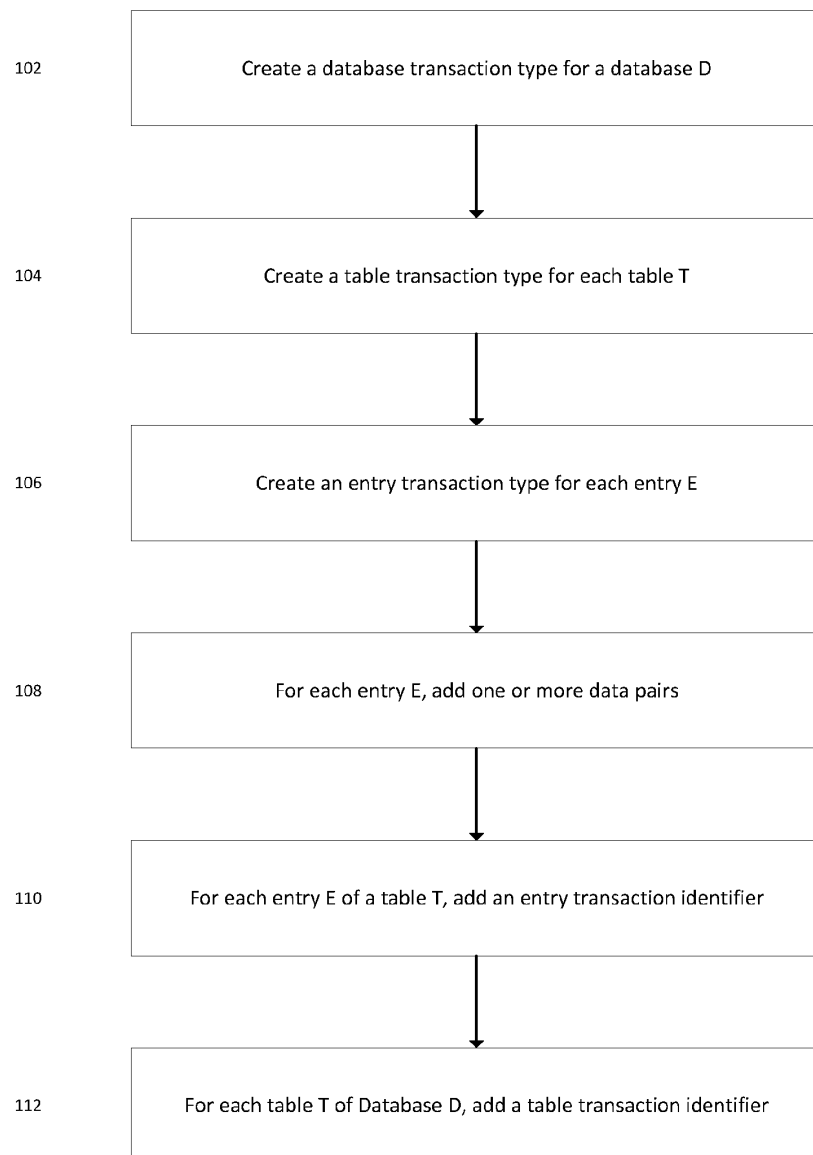


Figure 1

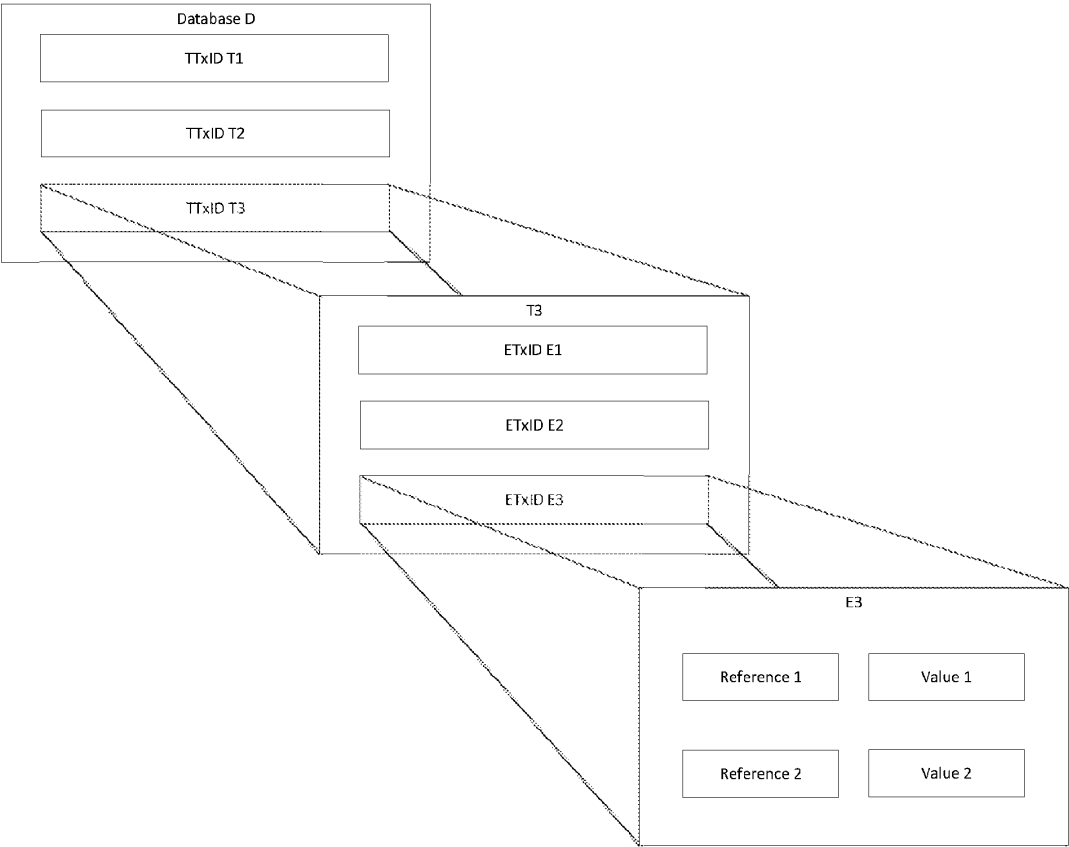
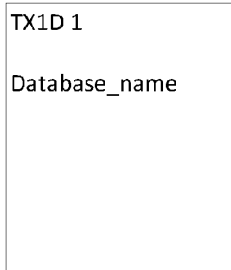


Figure 2

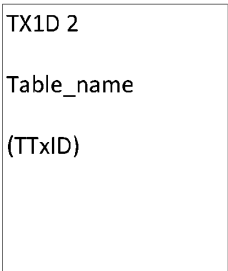
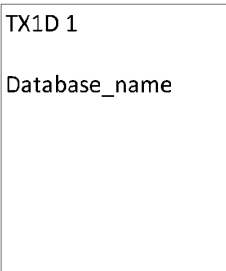
First Transaction

1. Create database (TxID 1)



Second Transaction

2. Create transaction (TxID 2)



Third Transaction

3. Update database transaction

(TxID 1 → TxID 3)

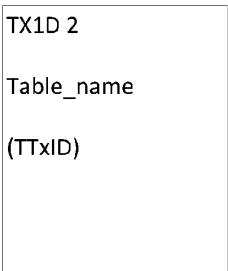
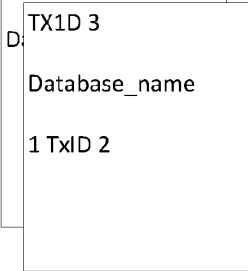
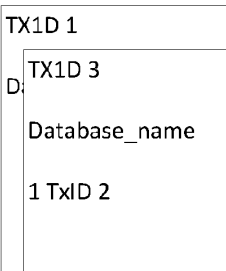
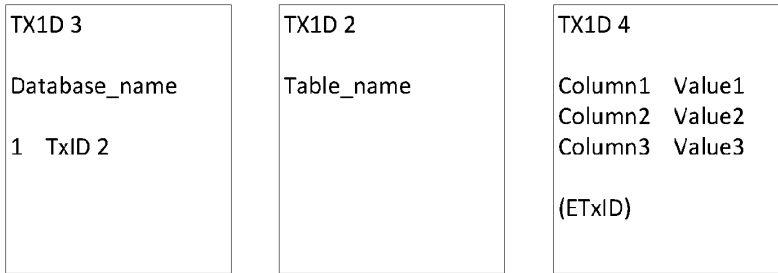
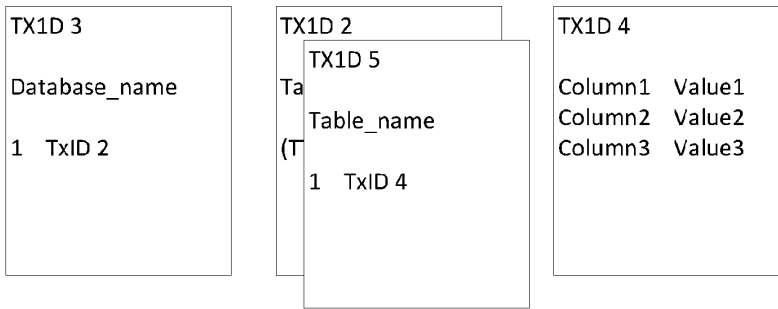


Figure 3a

Fourth Transaction  
4. Create entry transaction (TxID 4)



Fifth Transaction  
5. Update table transaction (TxID 2 → TxID 5)



Sixth Transaction  
6. Update database transaction (TxID 3 → TxID 6)

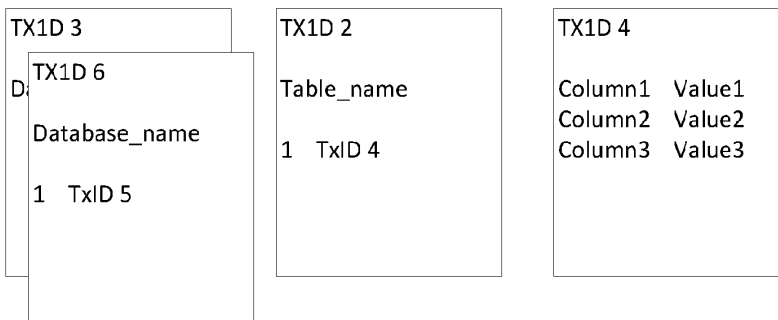
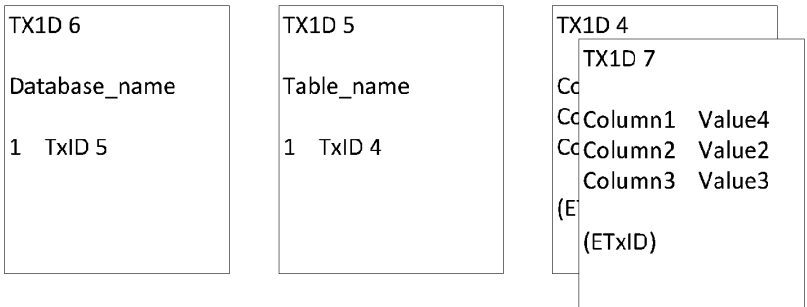
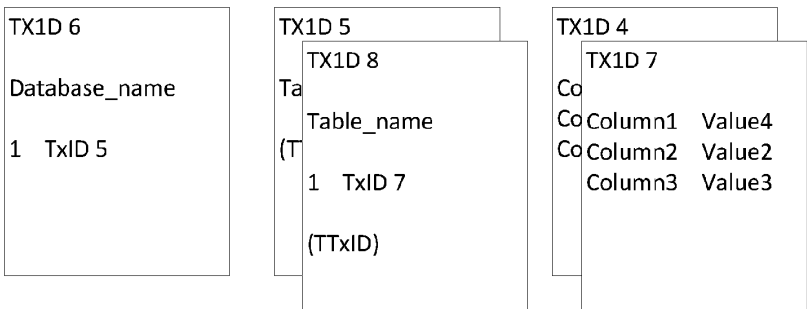


Figure 3a Continued

Seventh Transaction  
7. Update entry transaction (TxID 4 → TxID 7)



Eighth Transaction  
8. Update table transaction (TxID 5 → TxID 8)



Ninth Transaction  
9. Update database transaction (TxID 6 → TxID 9)

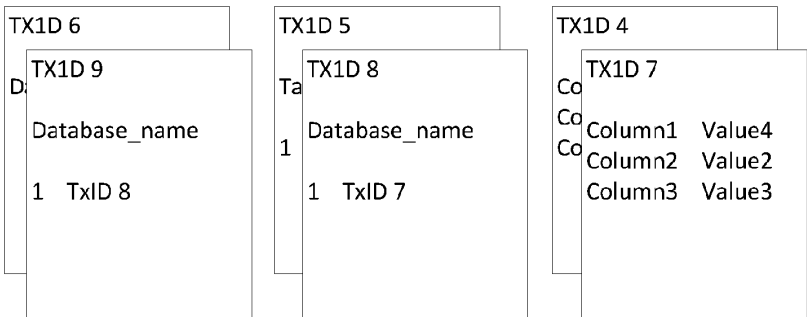
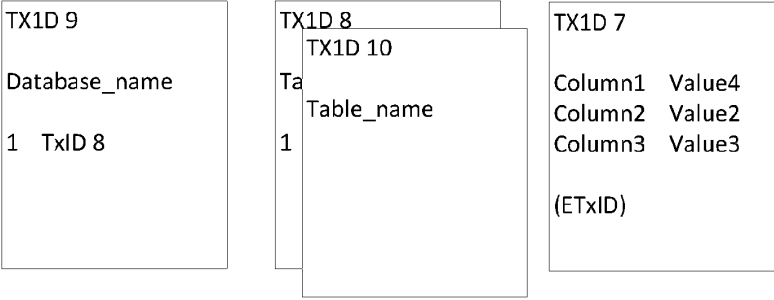


Figure 3b

Tenth Transaction  
10. Update entry transaction (TxID 8 → TxID 10)



Eleventh Transaction  
11. Update table transaction (TxID 9 → TxID 11)

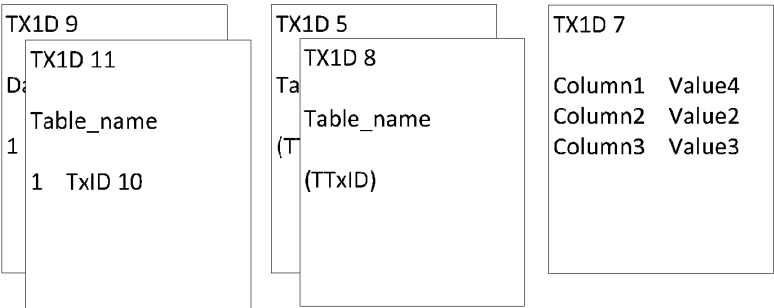


Figure 3c

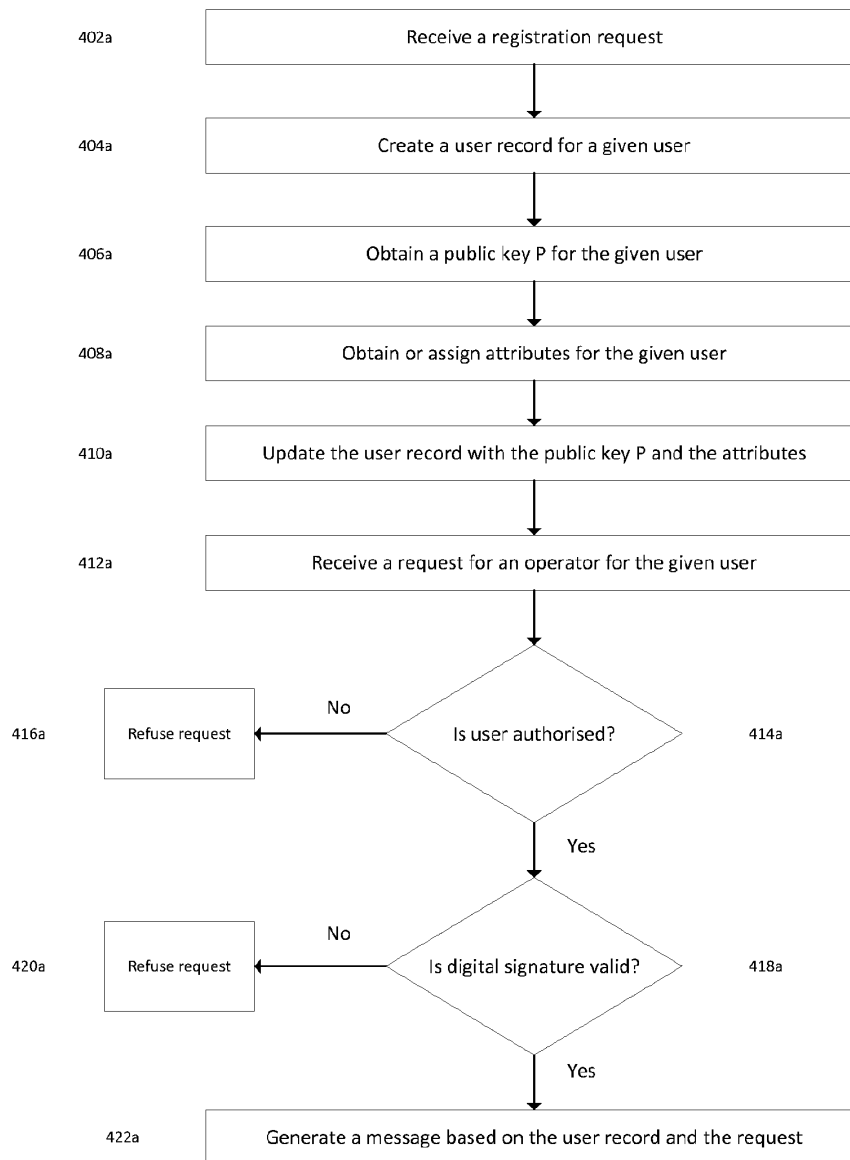


Figure 4a

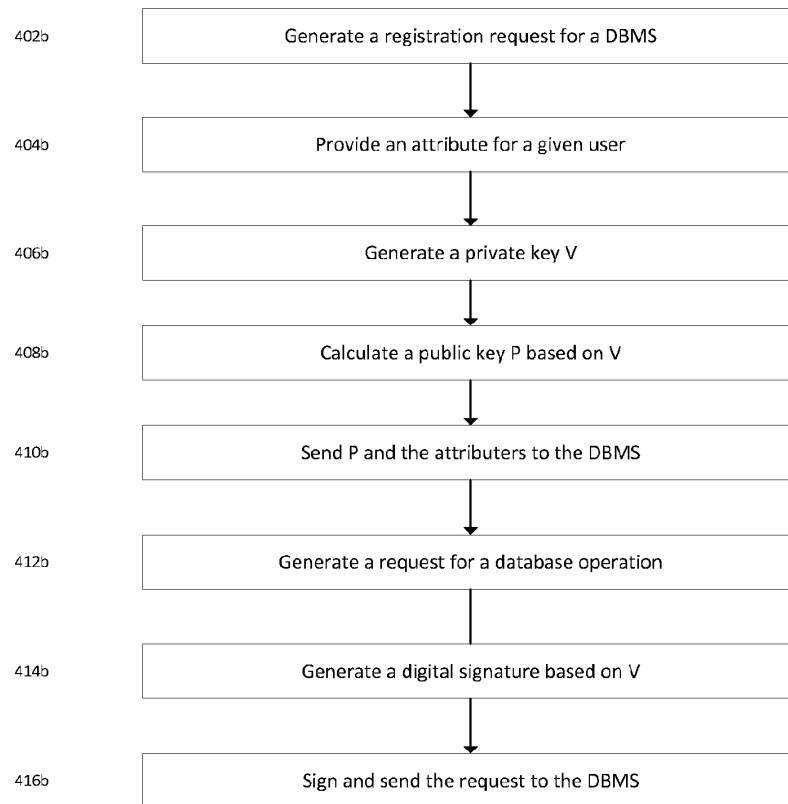


Figure 4b

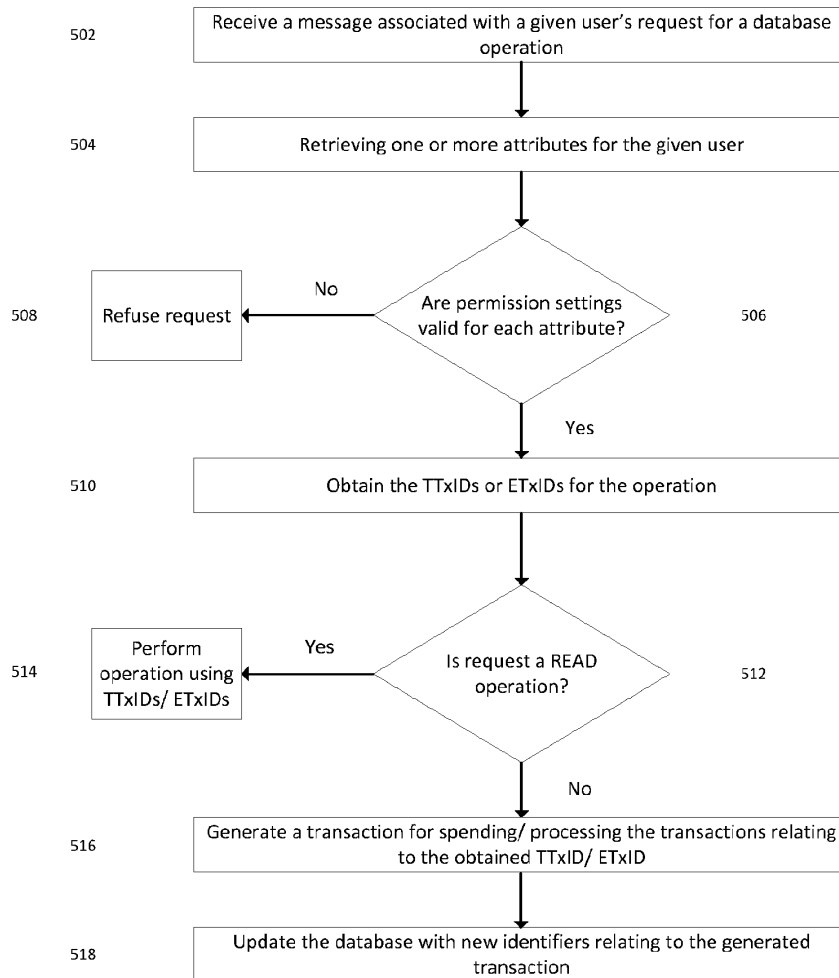


Figure 5

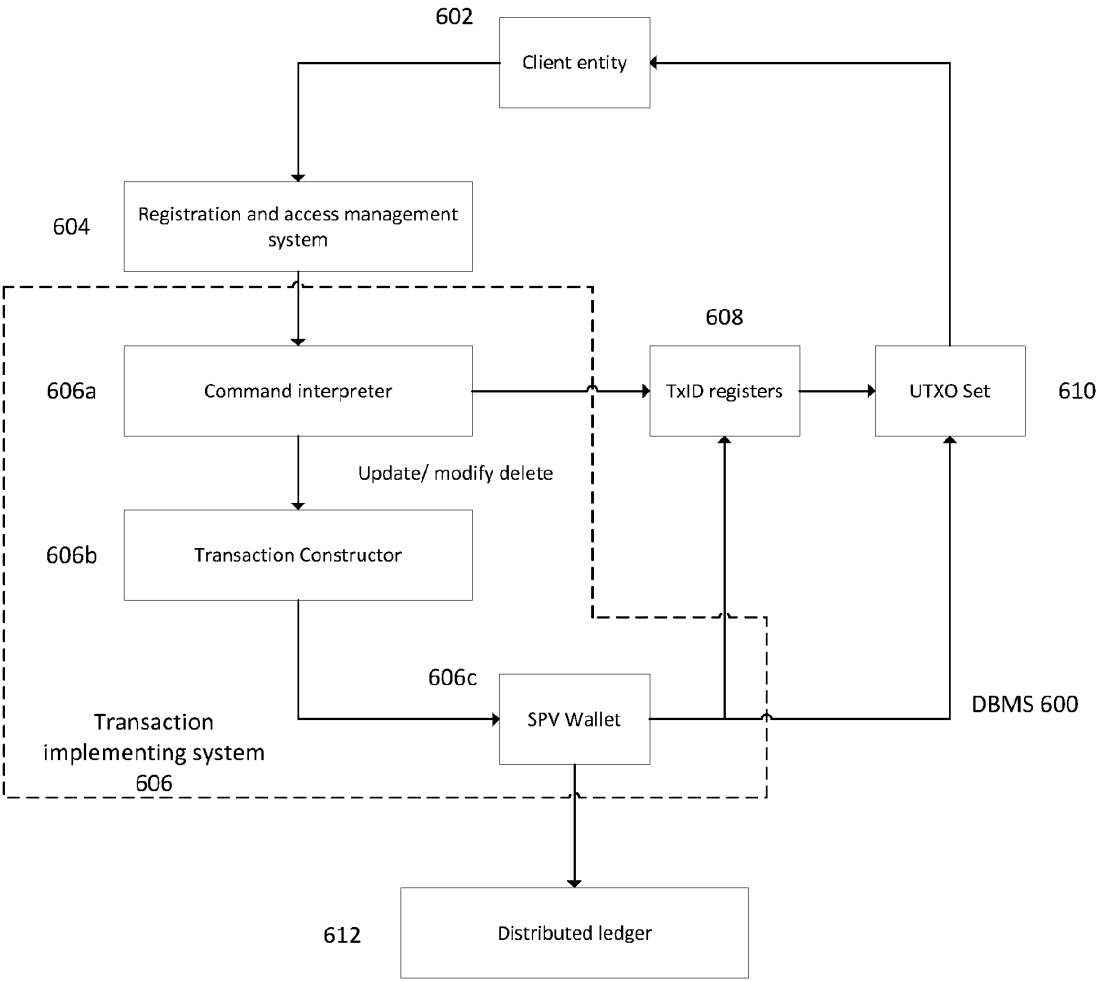


Figure 6

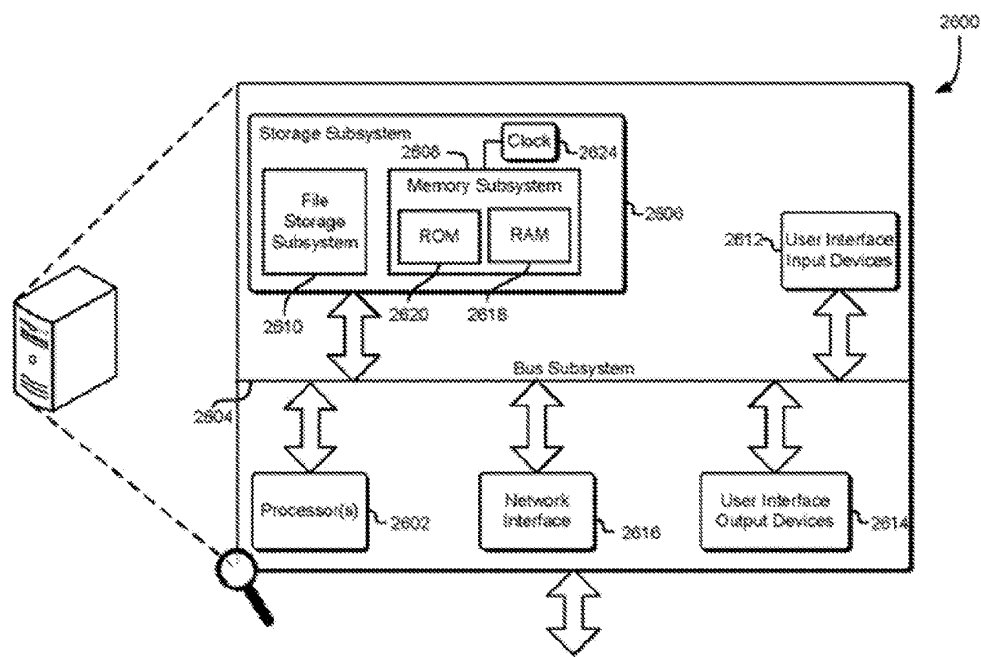
11/11  
11/11

Figure 7