

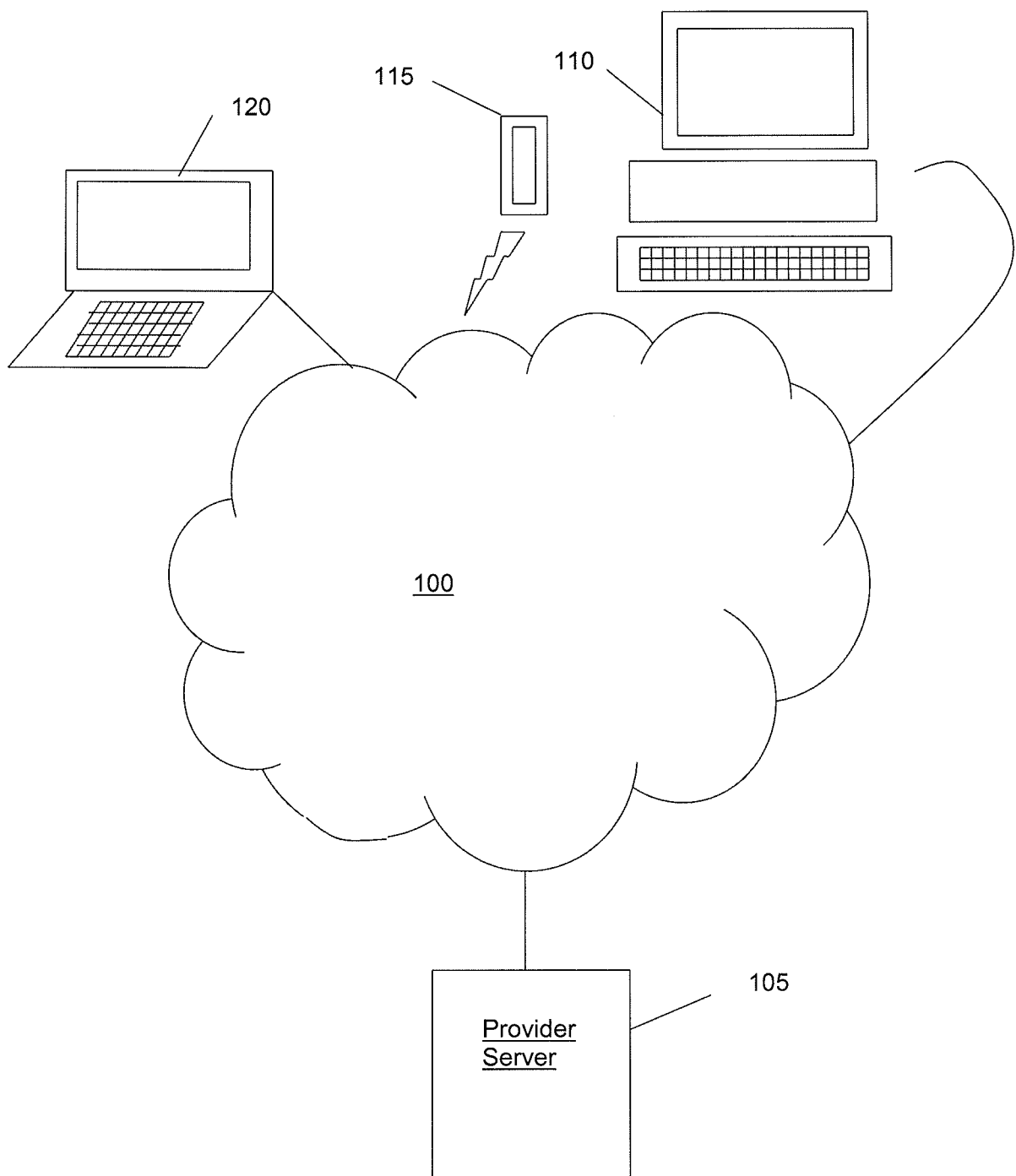


Figure 1

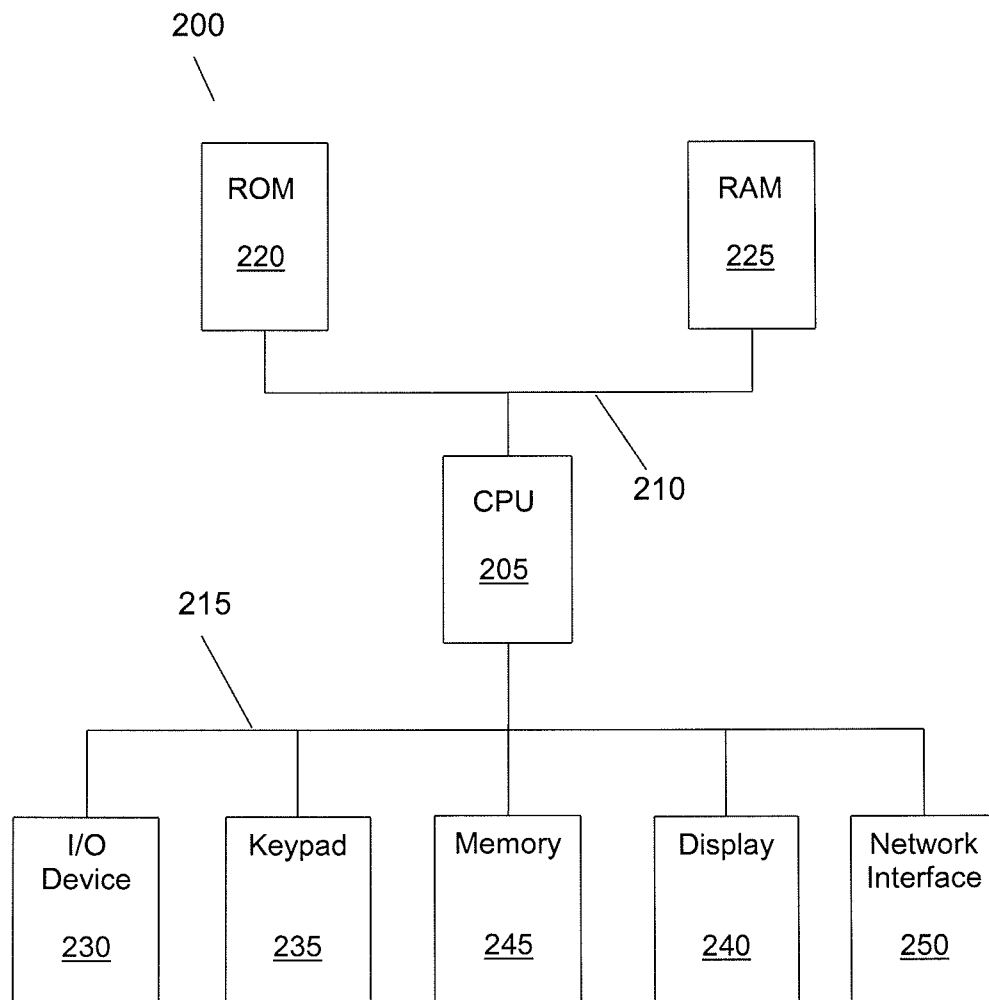


Figure 2

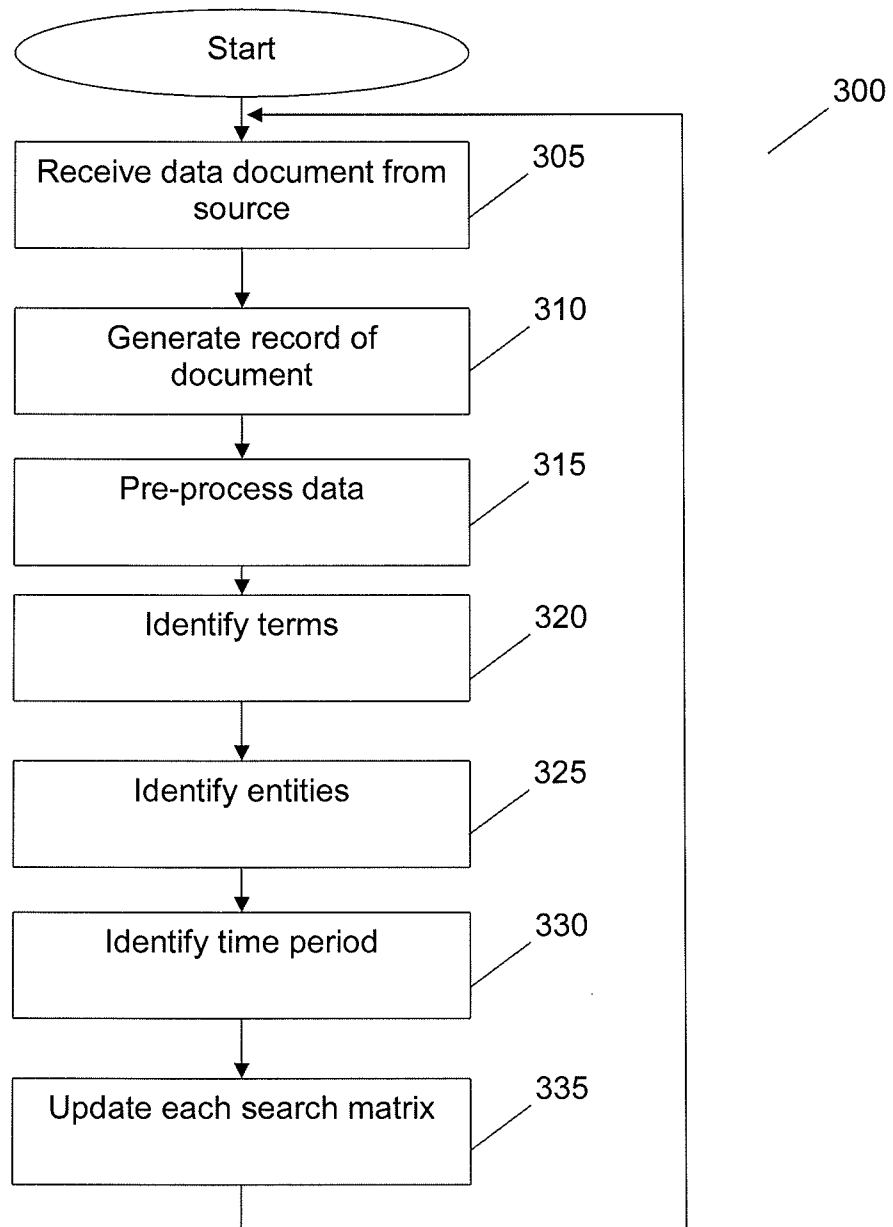


Figure 3

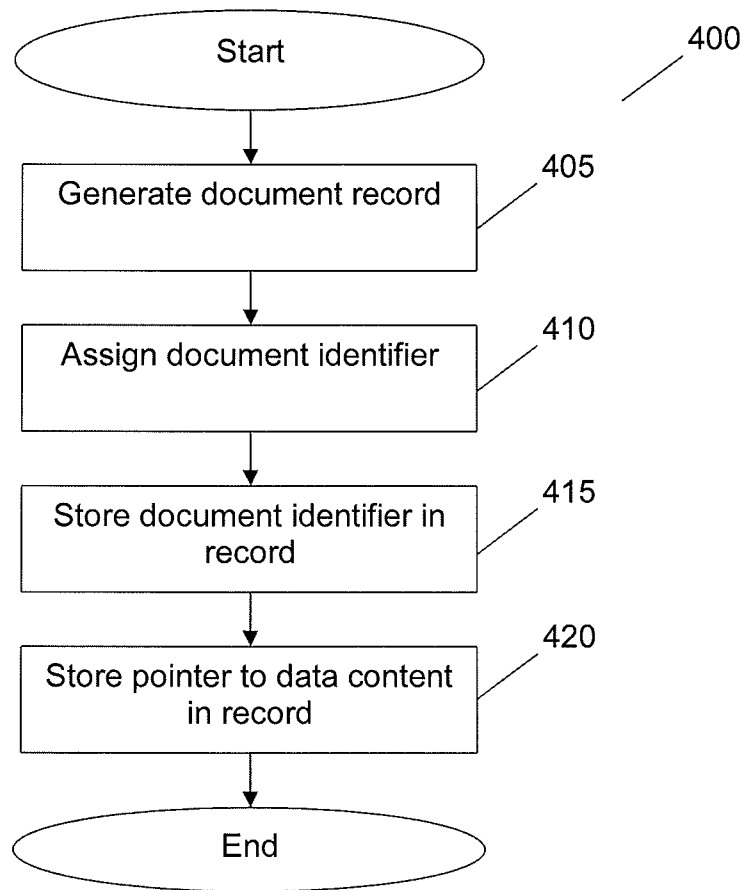


Figure 4

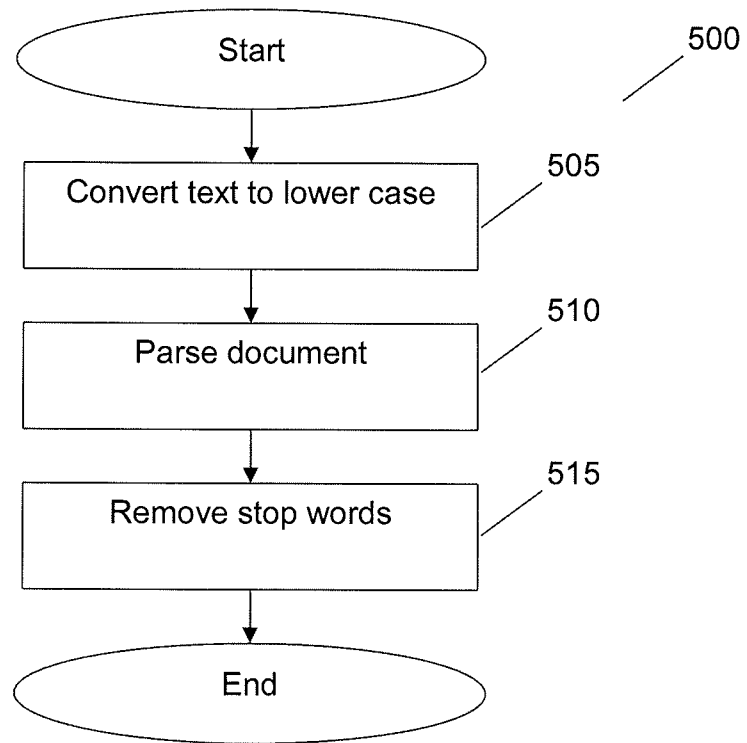


Figure 5

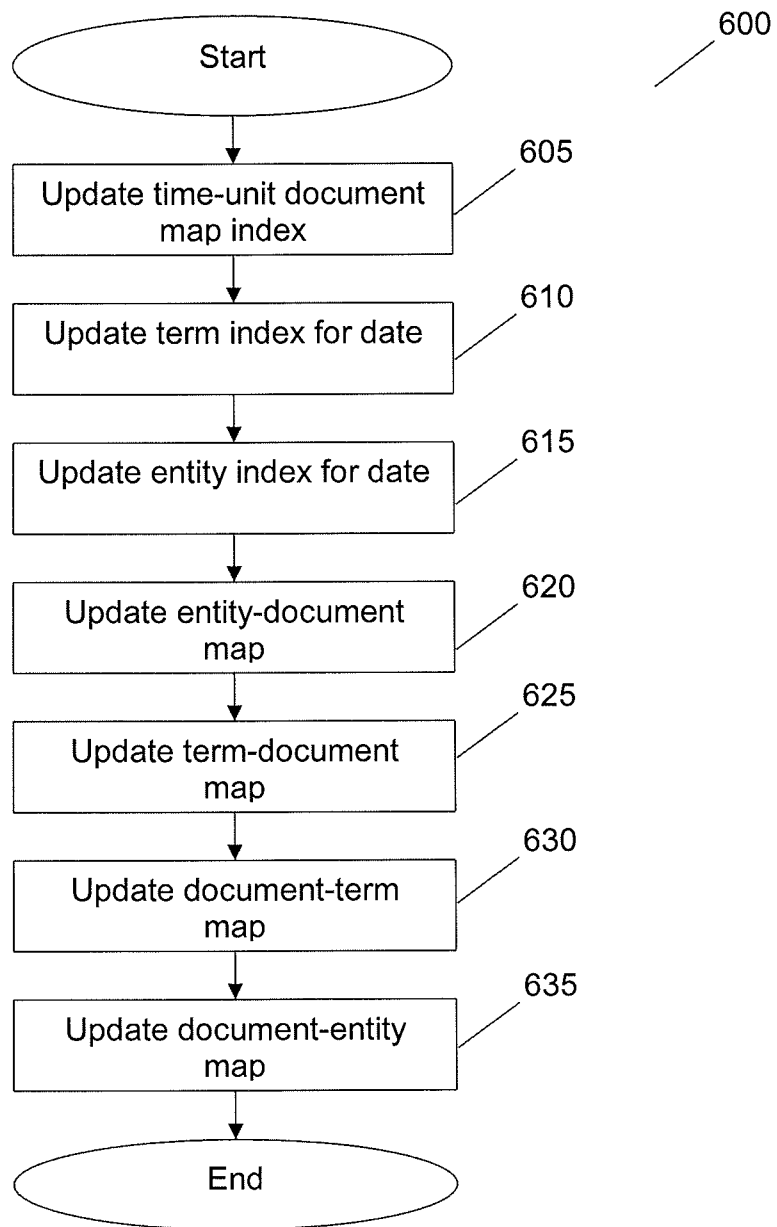


Figure 6

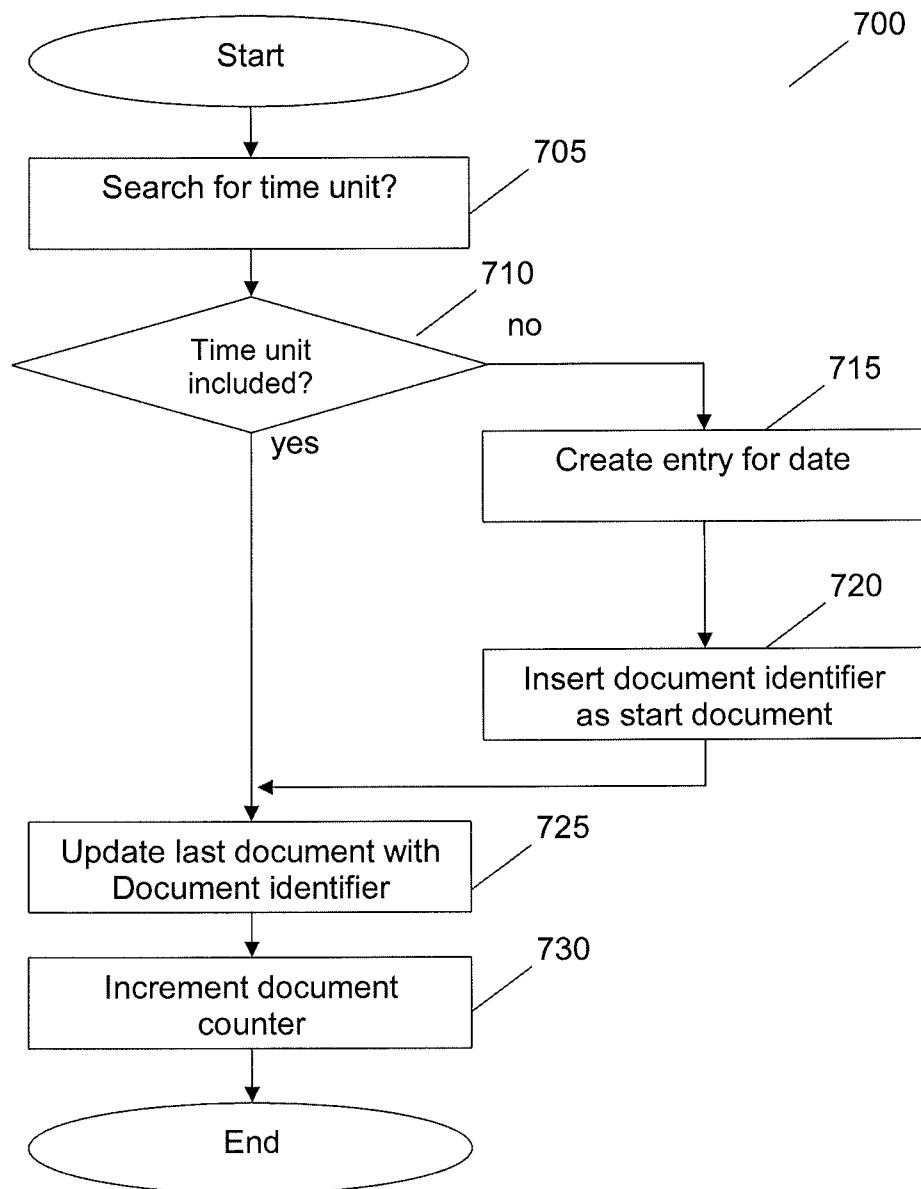


Figure 7

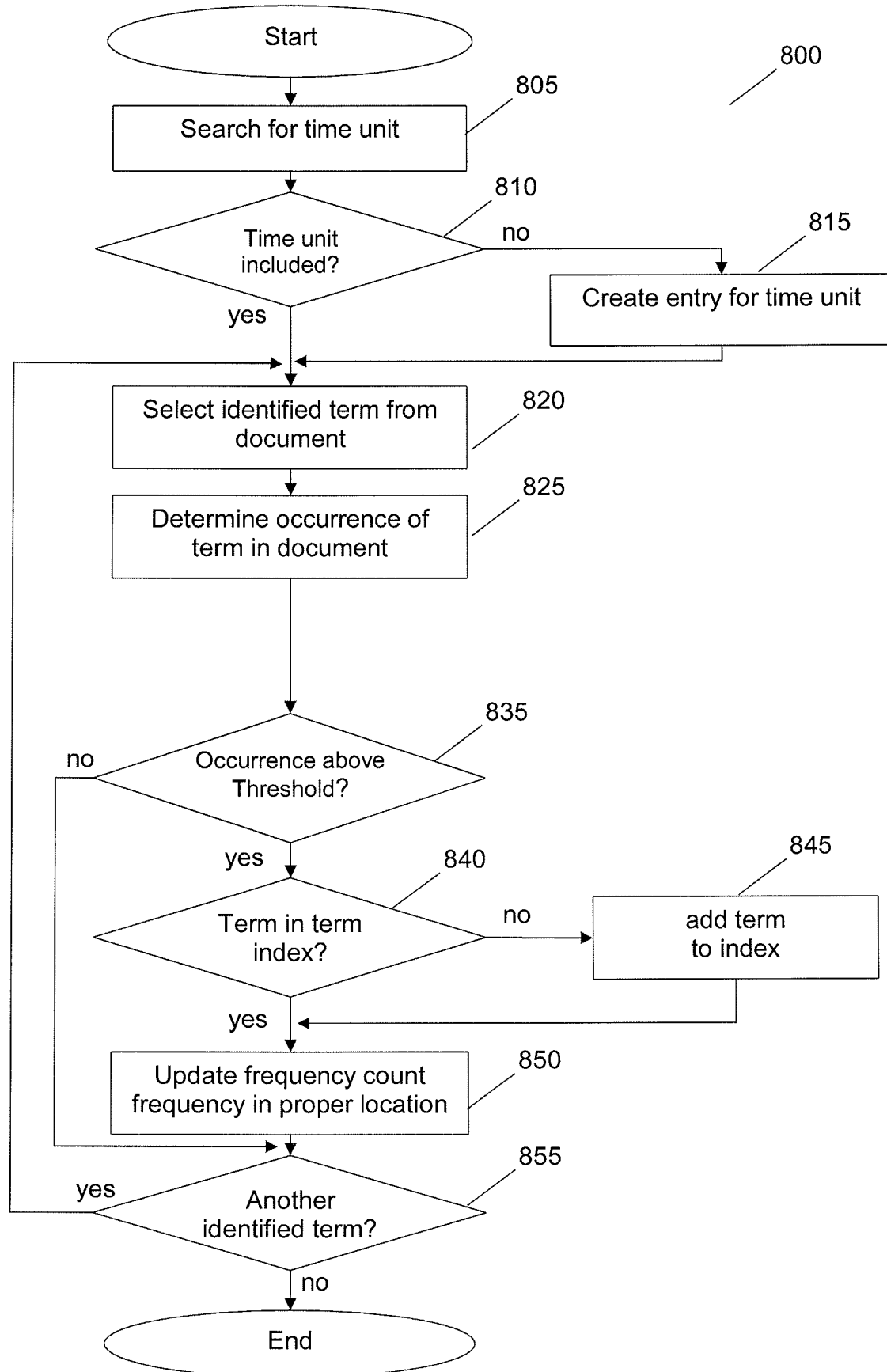


Figure 8

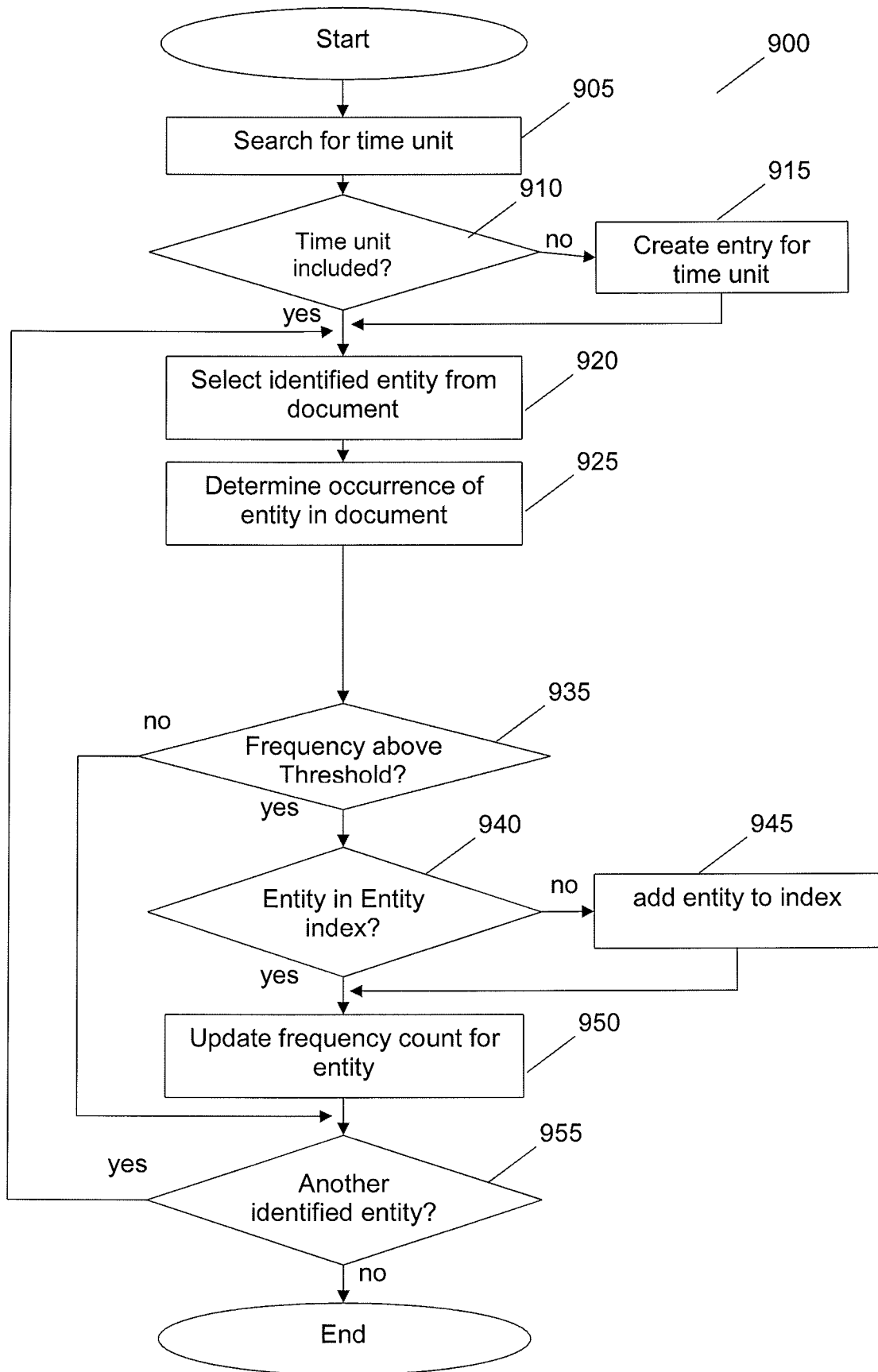


Figure 9

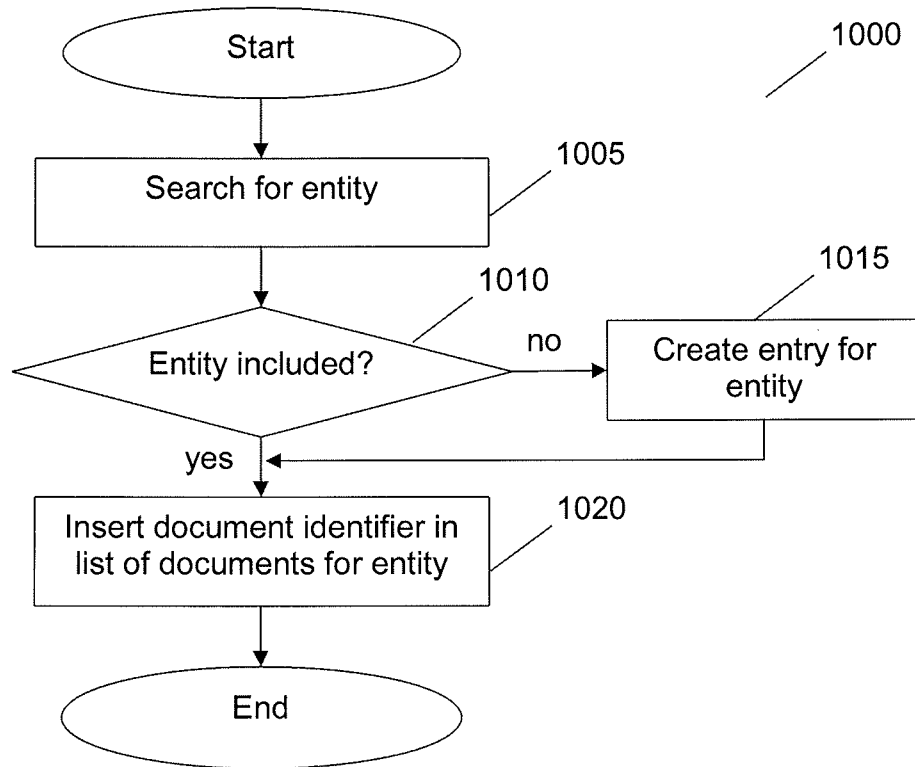


Figure 10

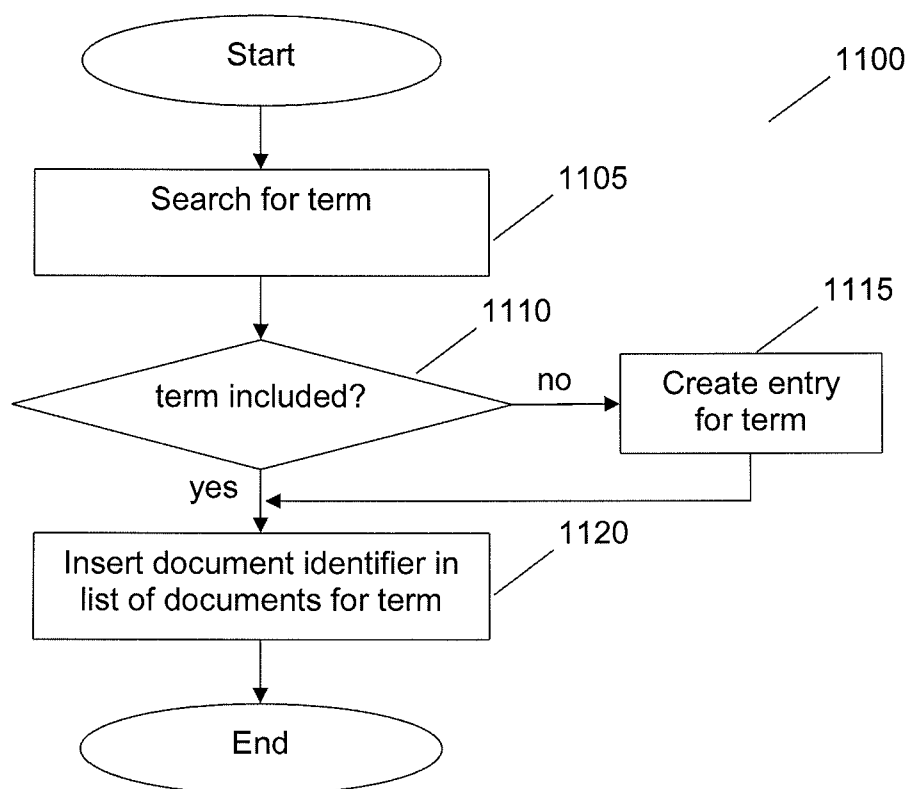


Figure 11

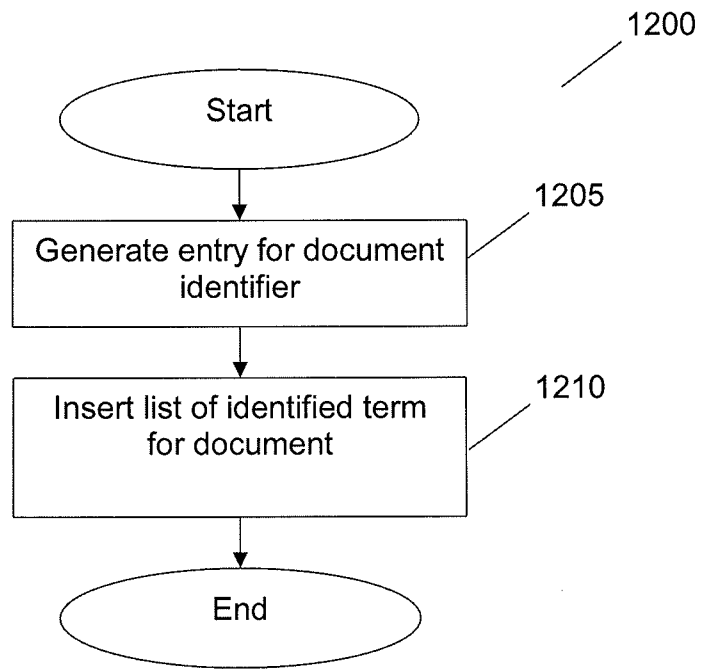


Figure 12

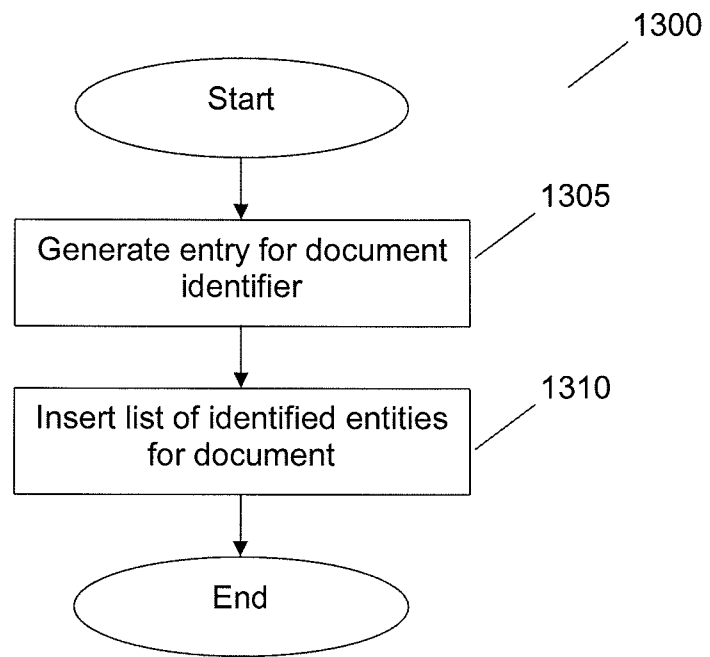


Figure 13

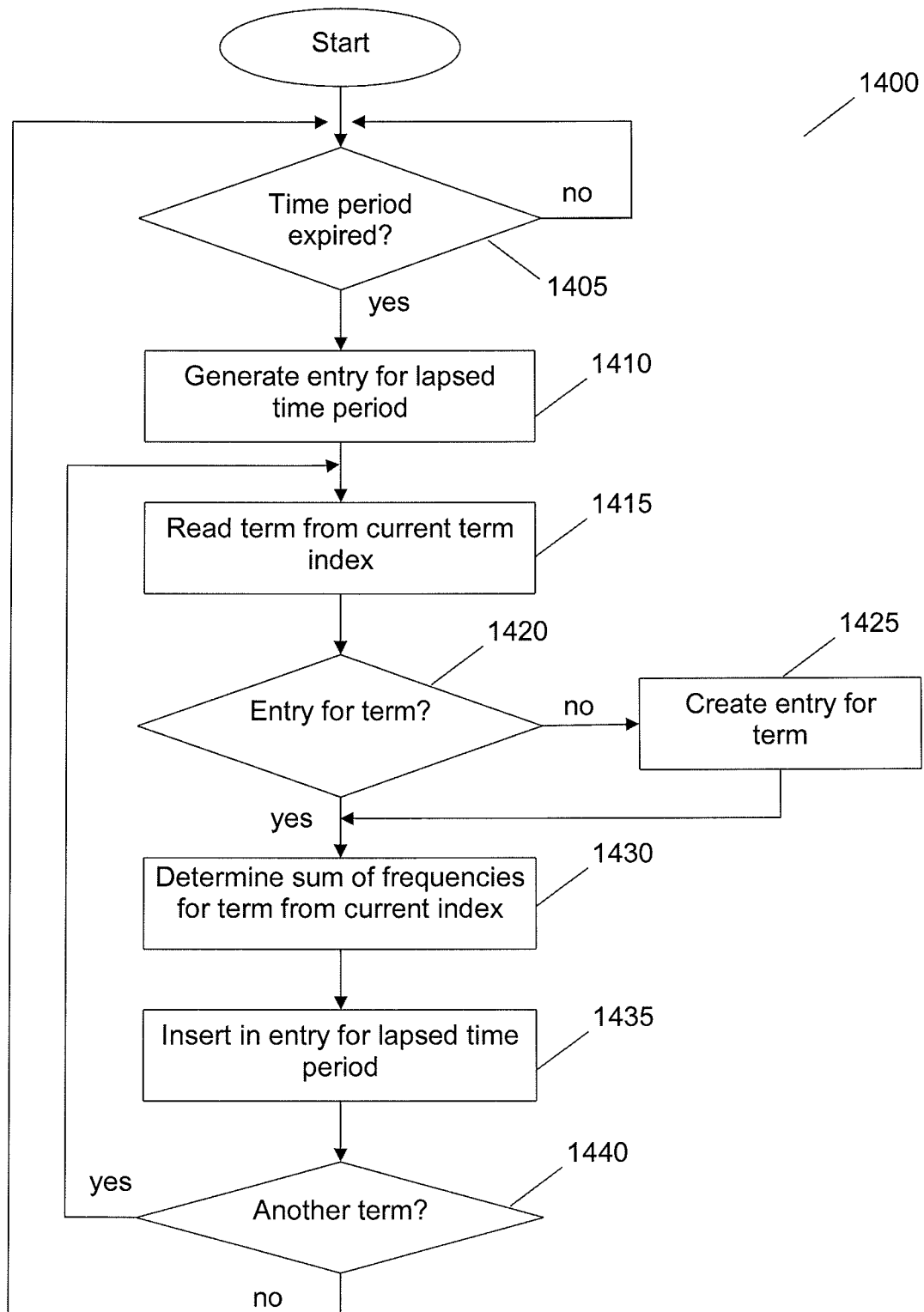


Figure 14

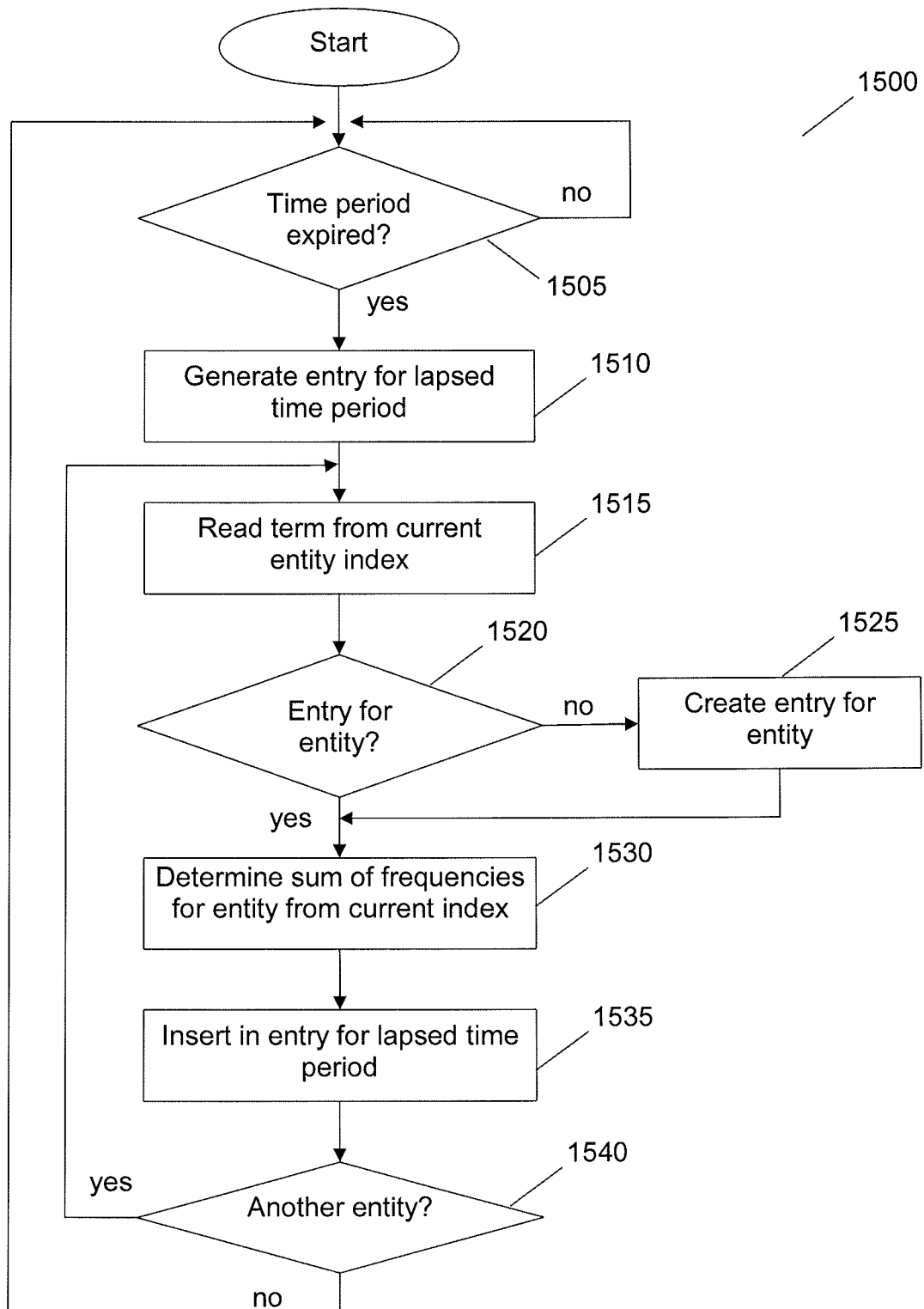


Figure 15

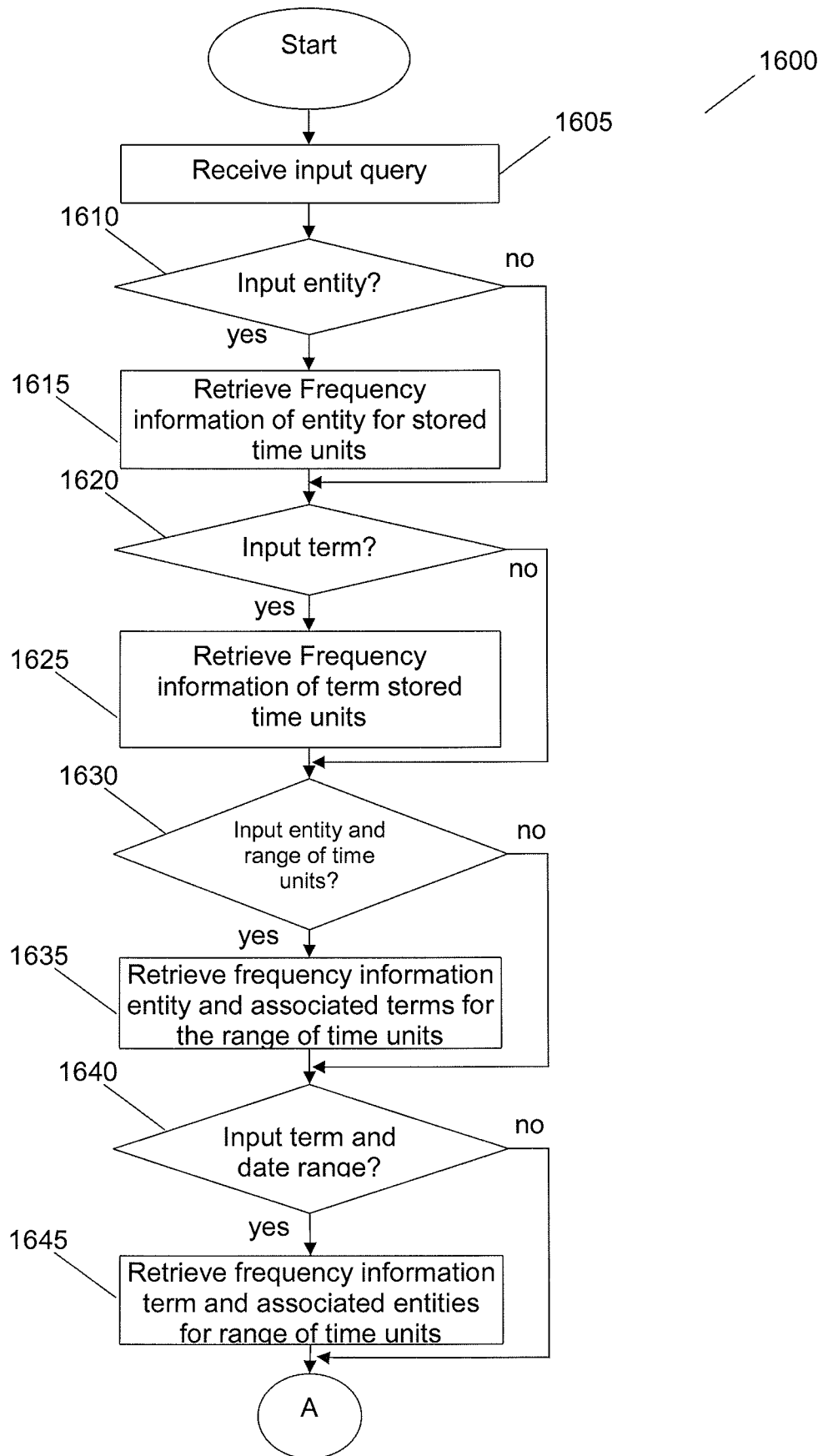


Figure 16

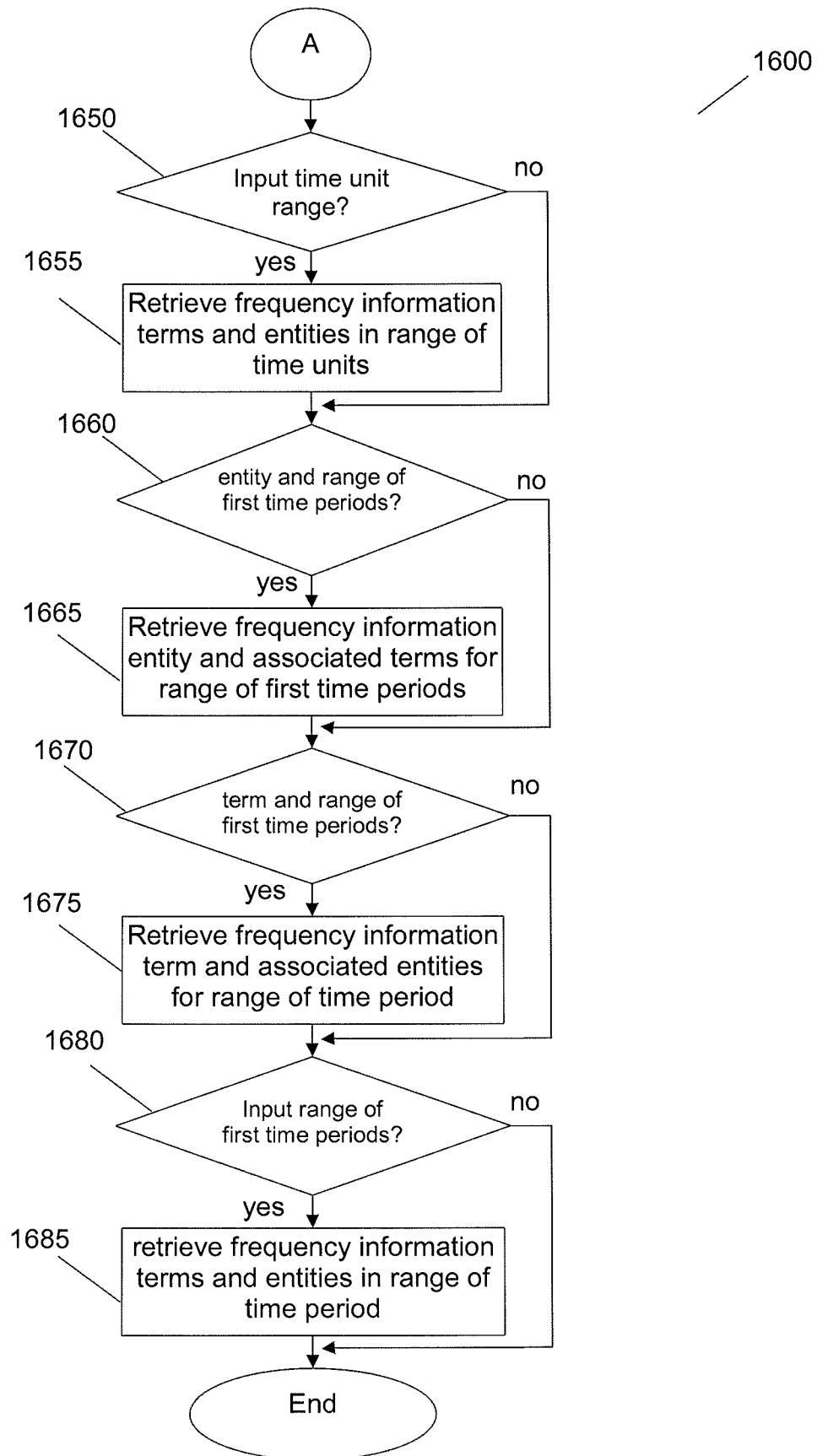


Figure 17

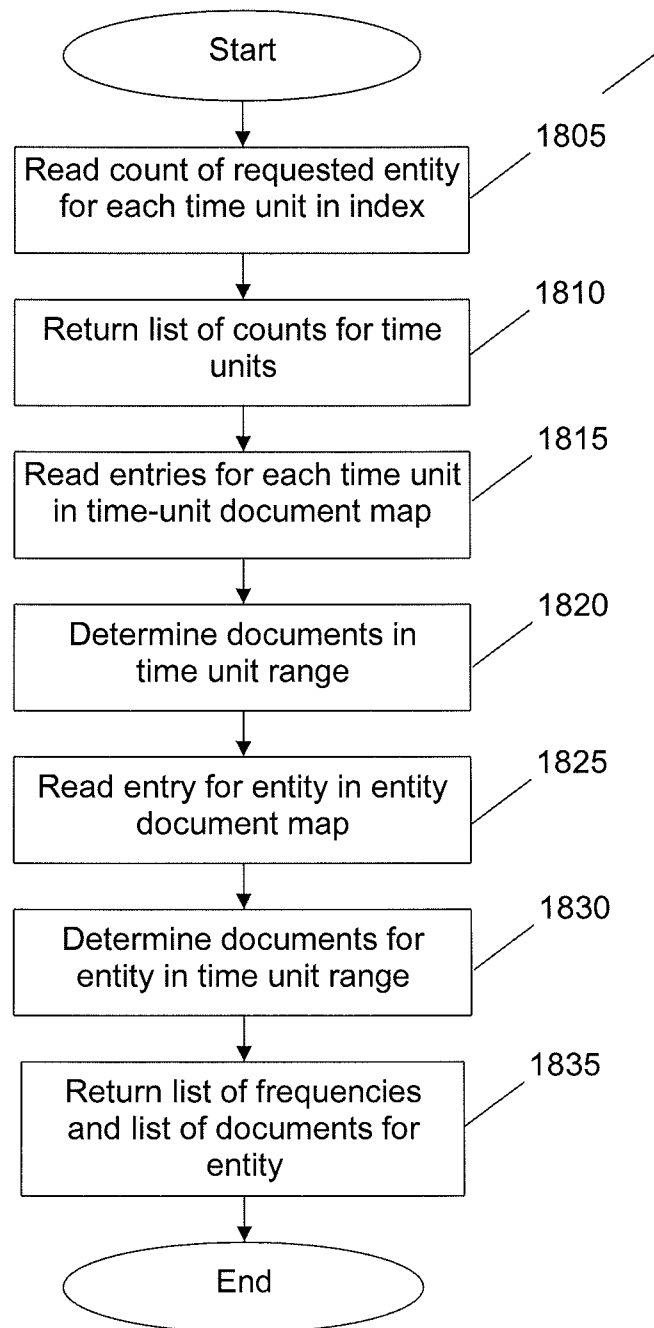


Figure 18

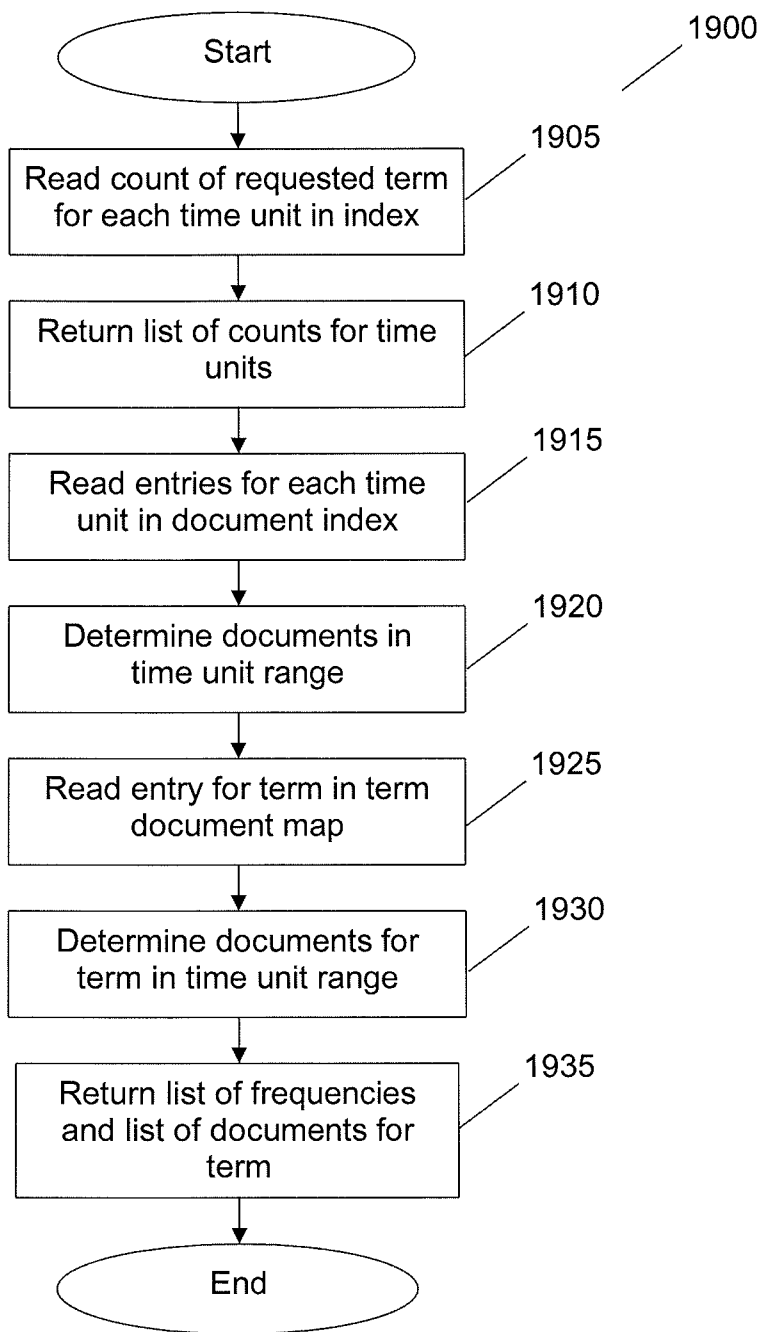


Figure 19

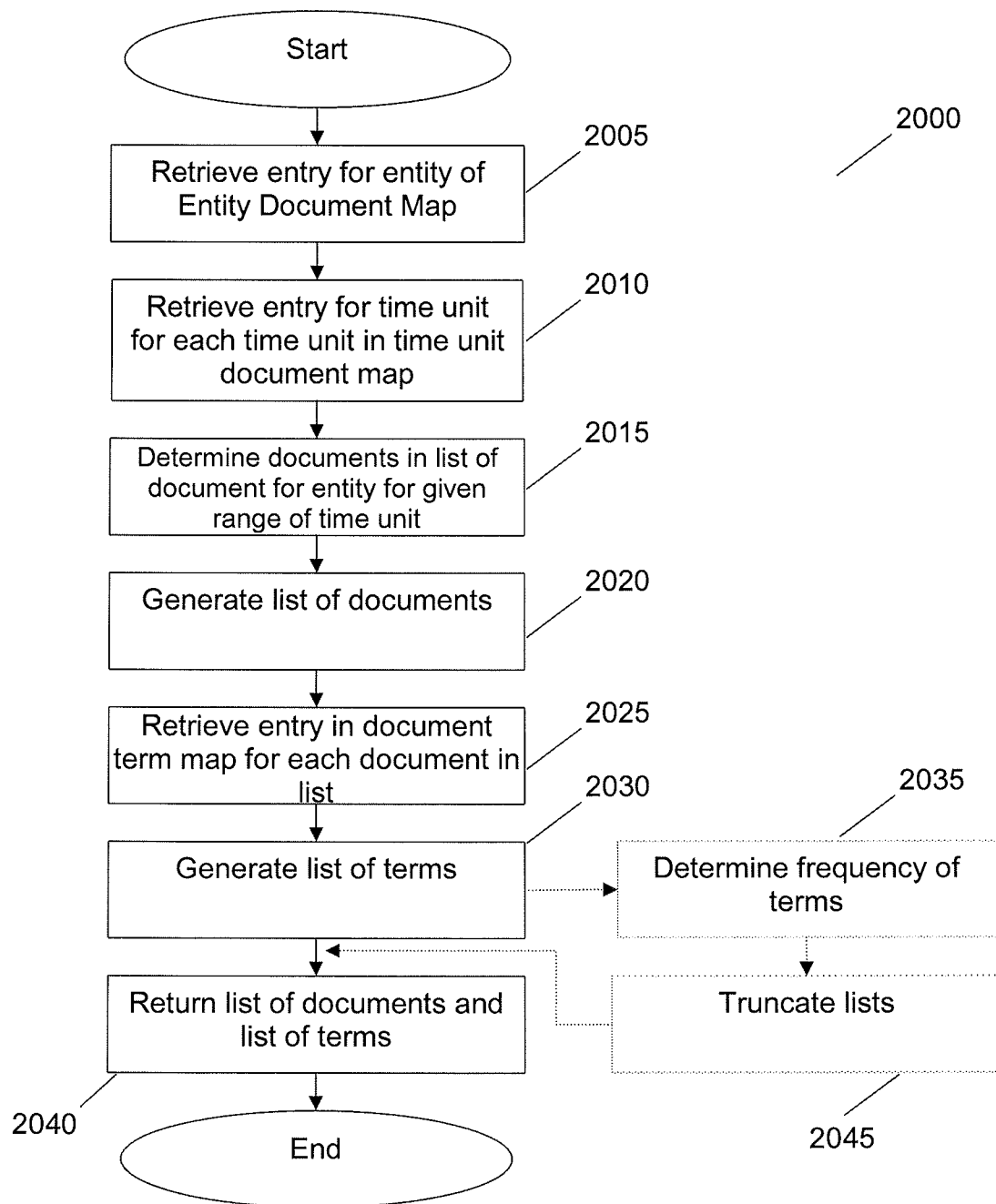


Figure 20

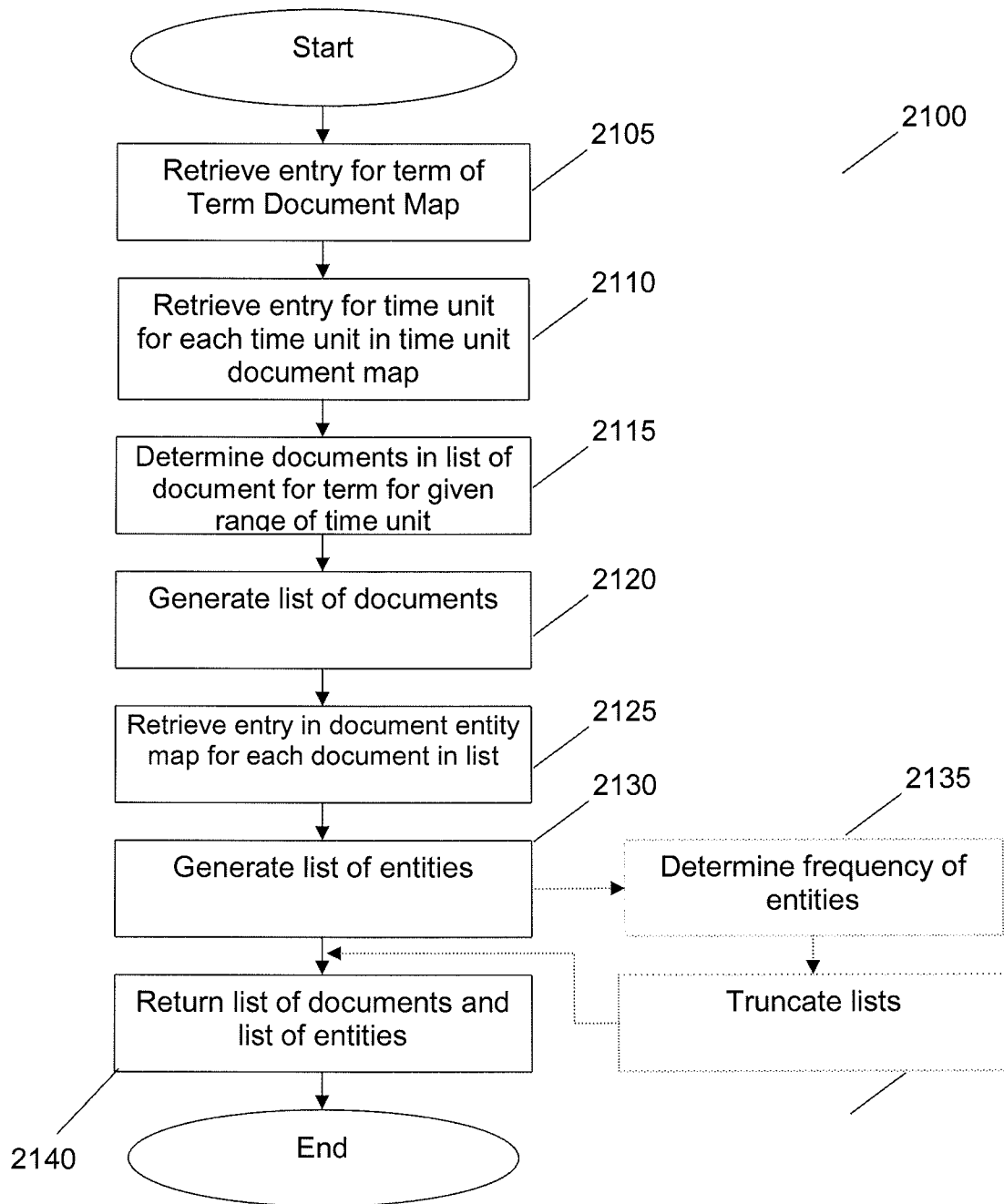


Figure 21

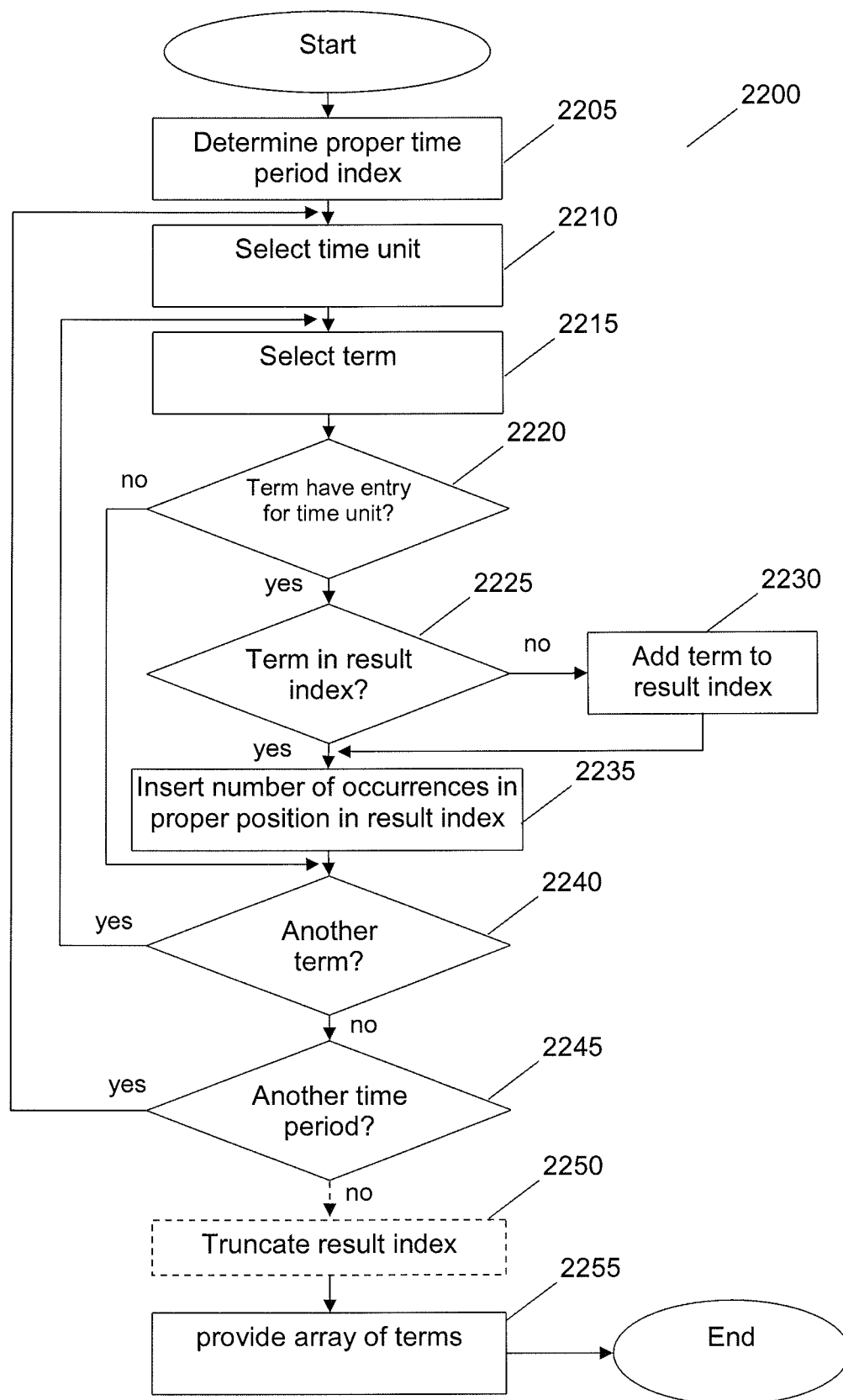


Figure 22

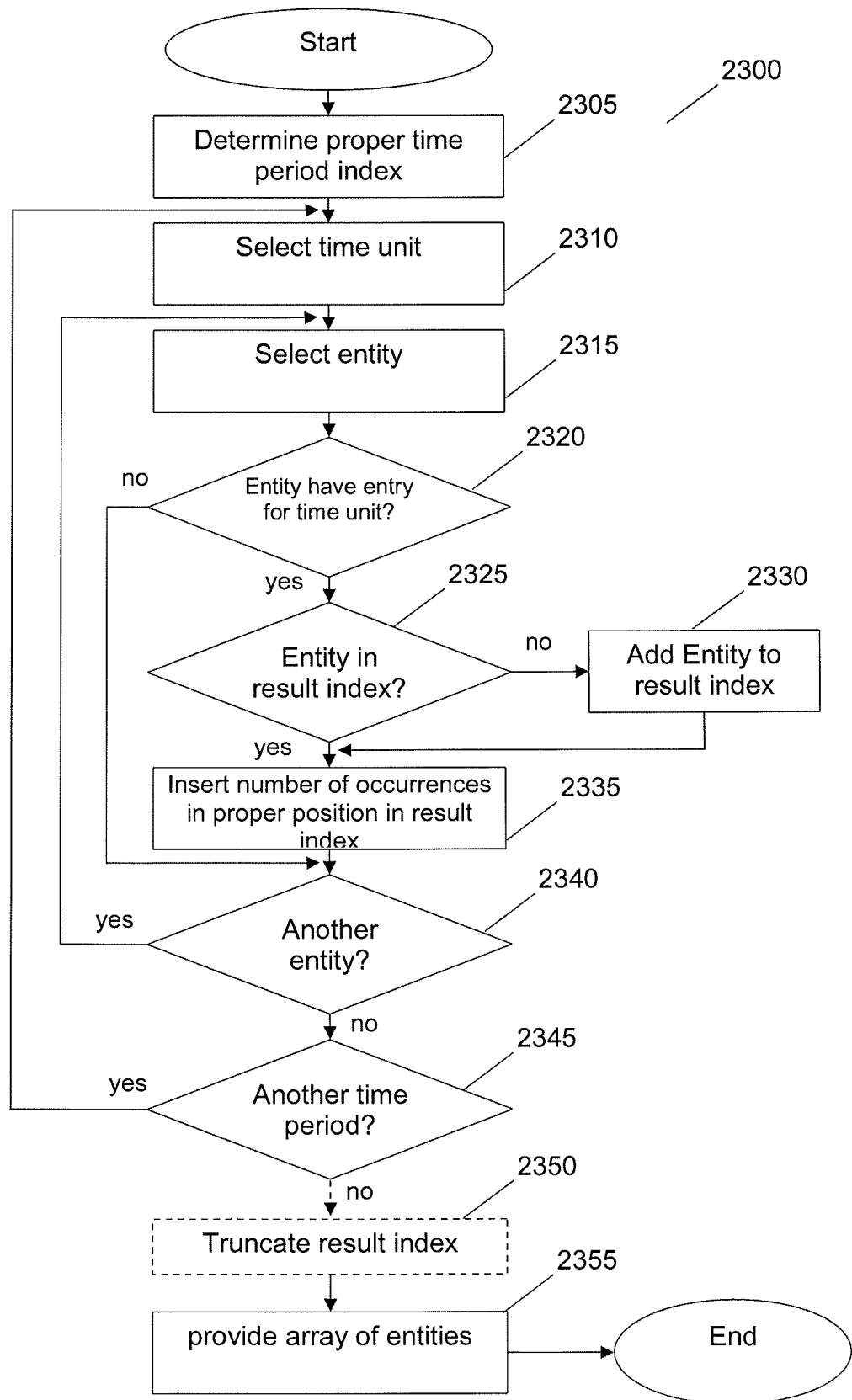


Figure 23

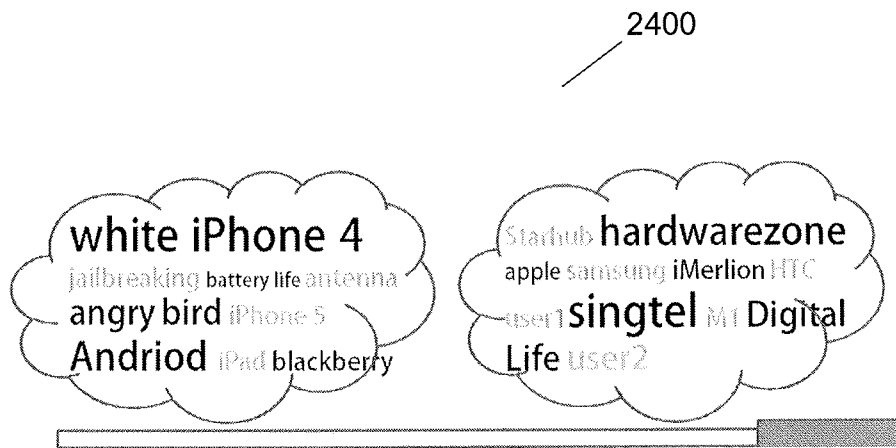


Figure 24

2510

2505

2500

Date/ term	Term 1	Term 2	Term 3	Term 4
11052011				
12052011				
13052011				

Figure 25

2610

2605

2600

Date/ term	Entity 1	Entity 2	Entity 3	Entity 4
11052011				
12052011				
13052011				

Figure 26

2700

entity	docList
company 1	<A00000001, A00000002, A00000003, A00000004>
company 2	<A000000003>

Figure 27

2800

term	docList
product 1	<A00000001, A00000002, A00000003, A00000004>
product 2	<A000000003>

Figure 28

2900

docID	termList
A00000001	<term 1, term 2>
A00000002	<term 1, term 2>
A00000003	<term 1, term 2, term 3>

Figure 29

3000

docID	entityList
A00000001	<entity 1>
A00000002	<entity 2>
A00000003	<entity 1, entity 3 >

Figure 30