

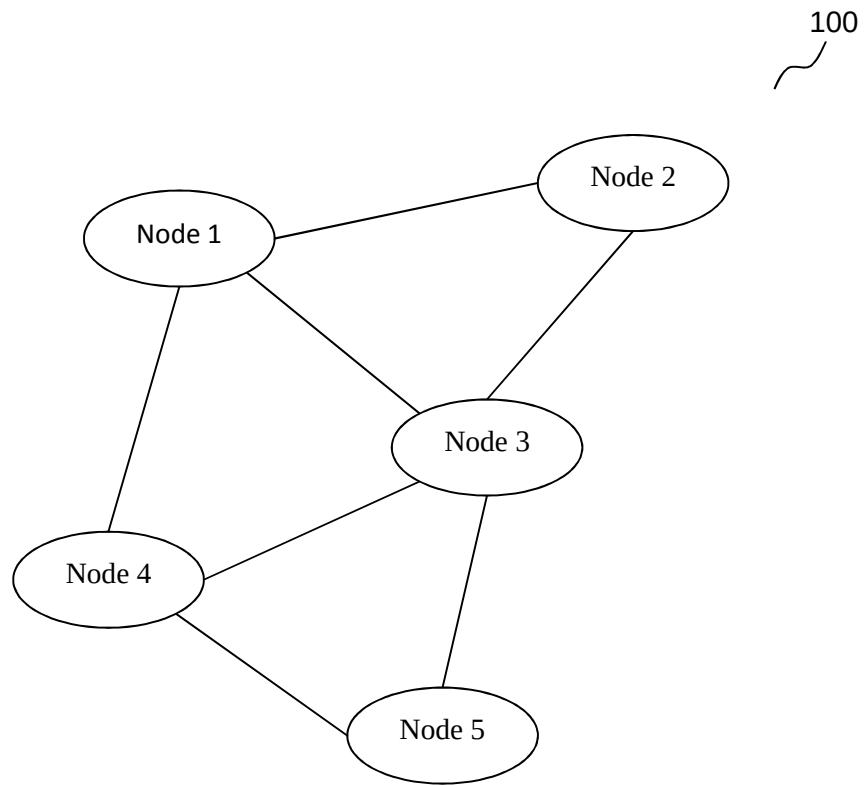


Figure 1

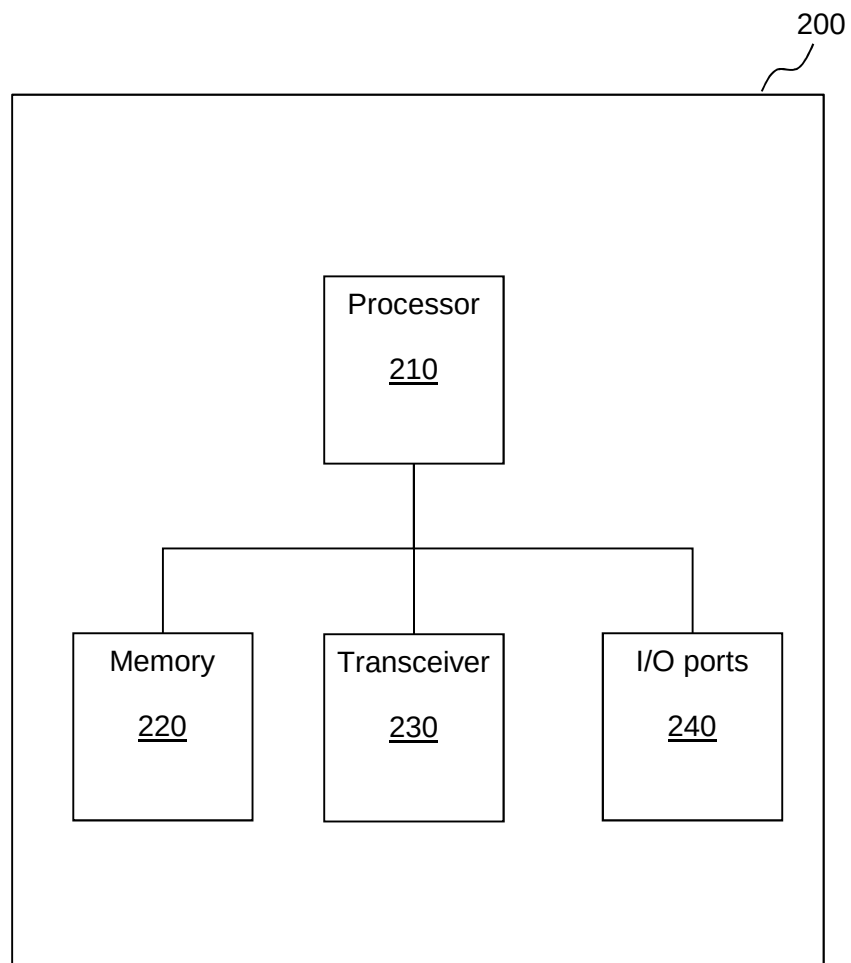


Figure 2

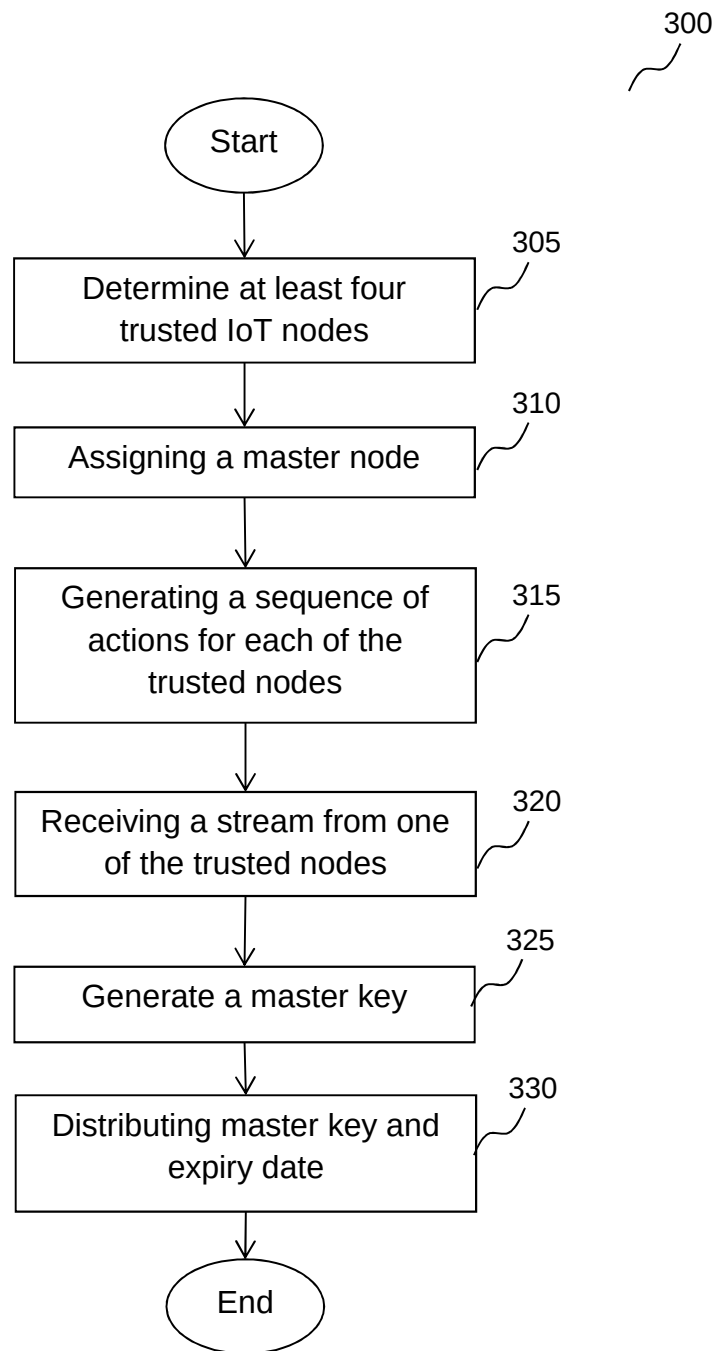


Figure 3

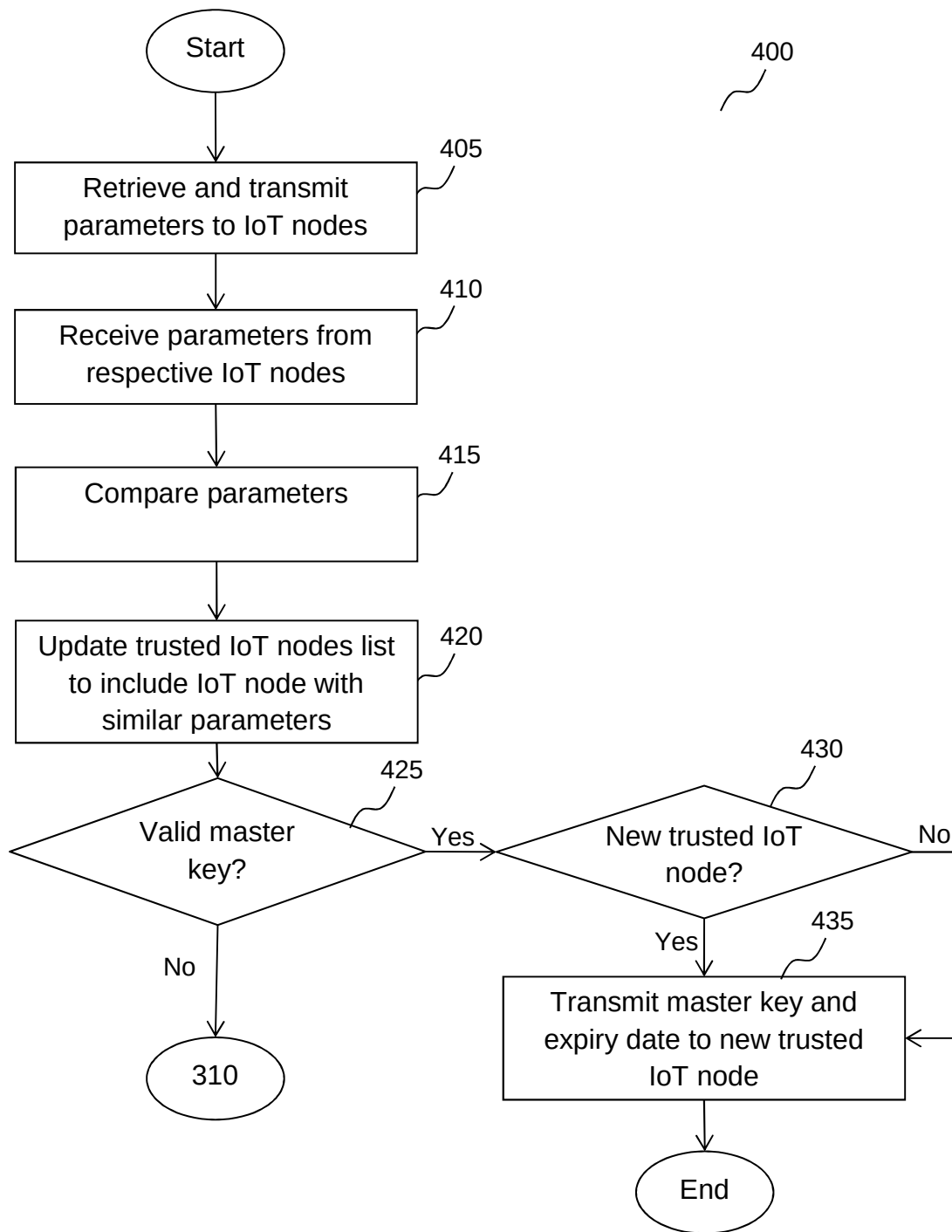


Figure 4

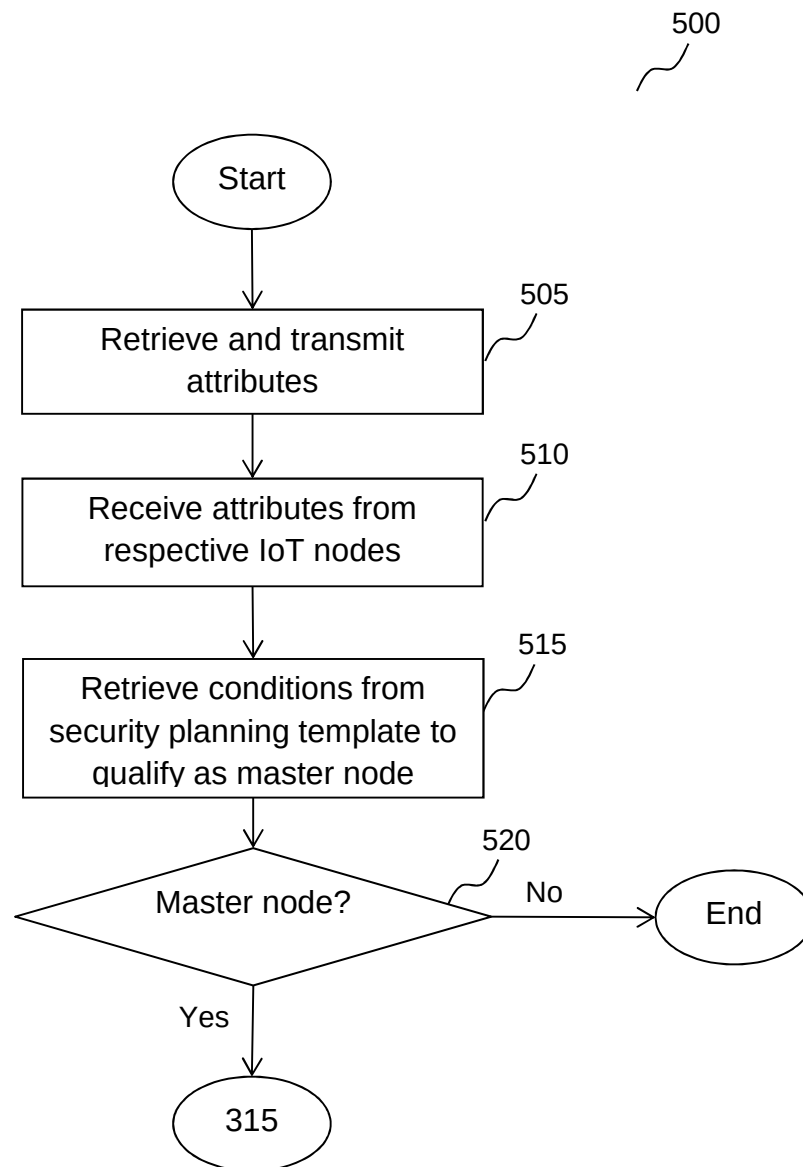


Figure 5

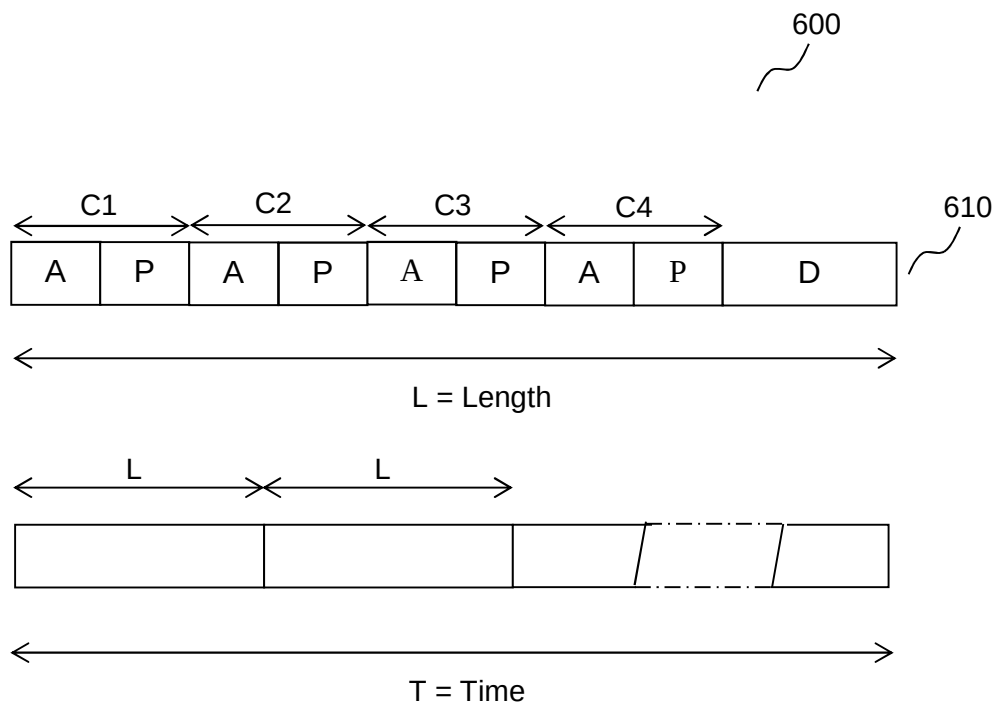


Figure 6

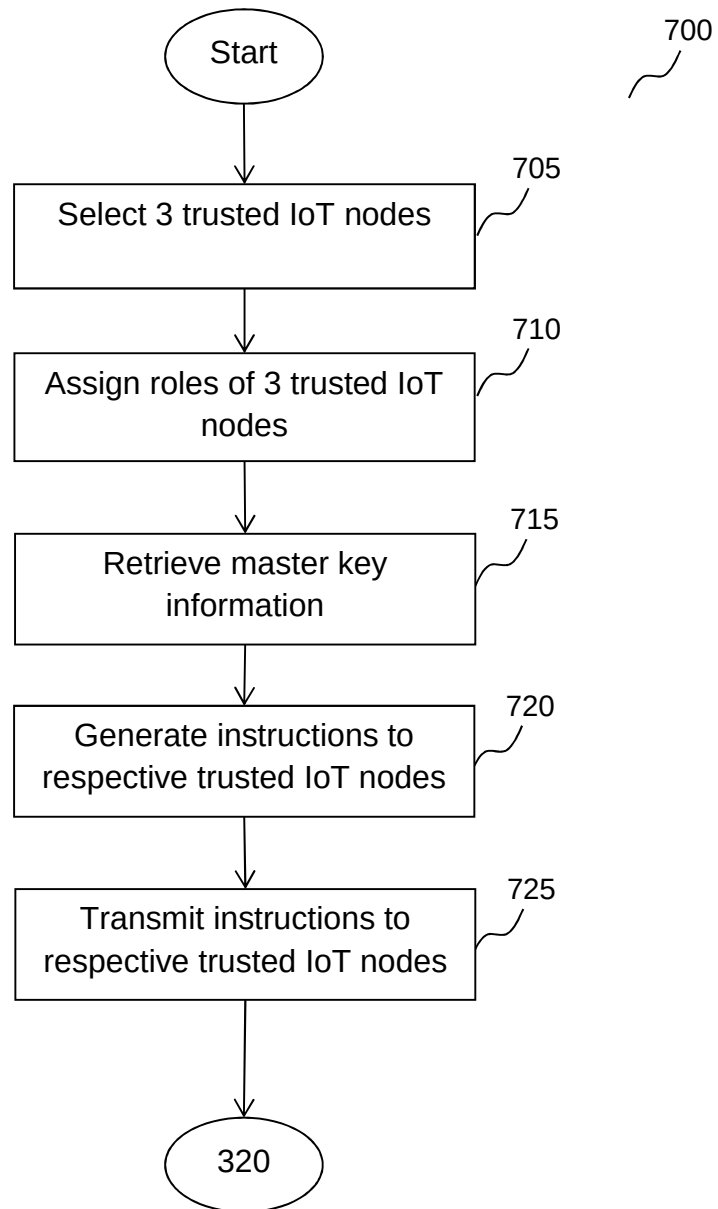


Figure 7

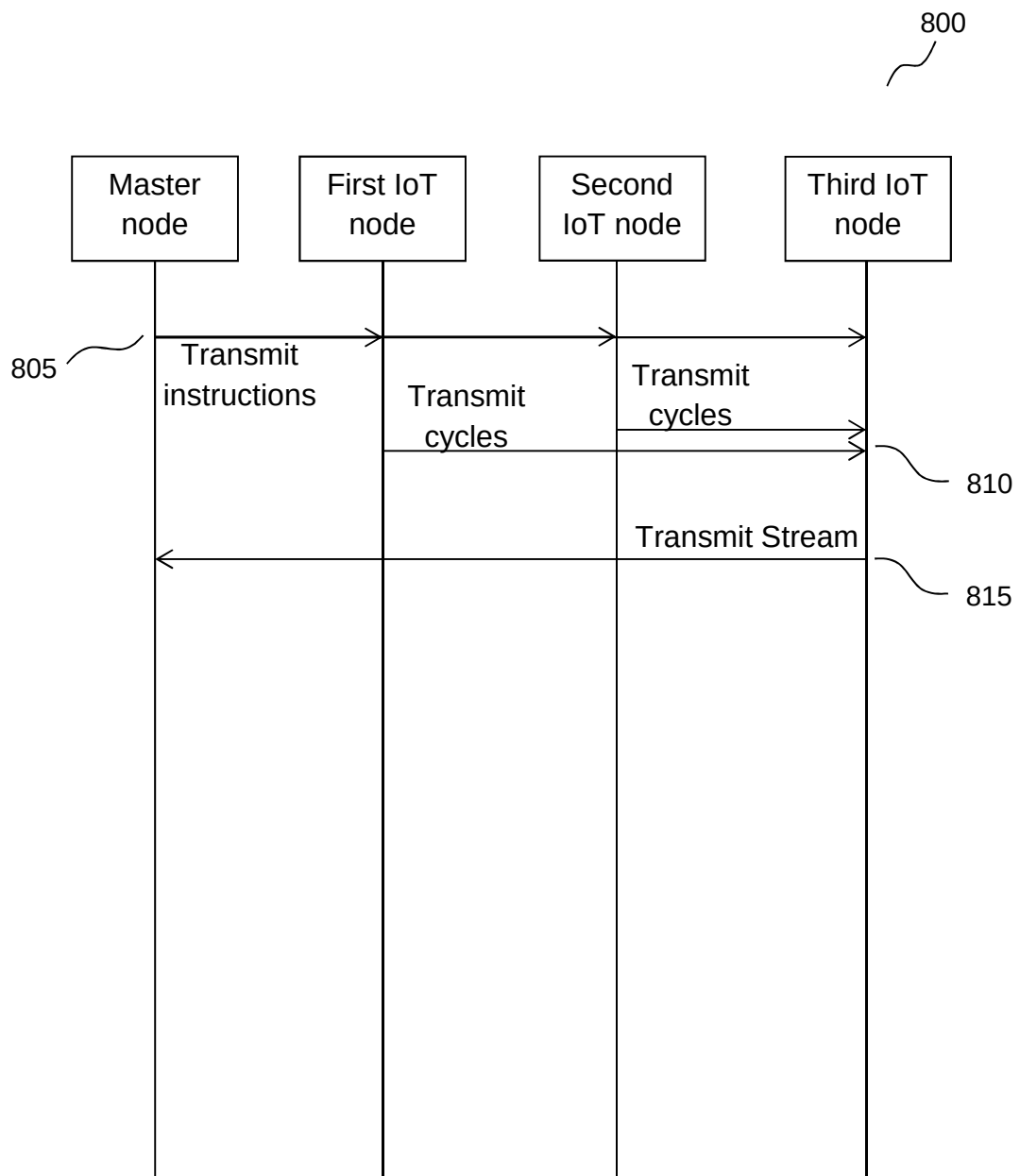


Figure 8

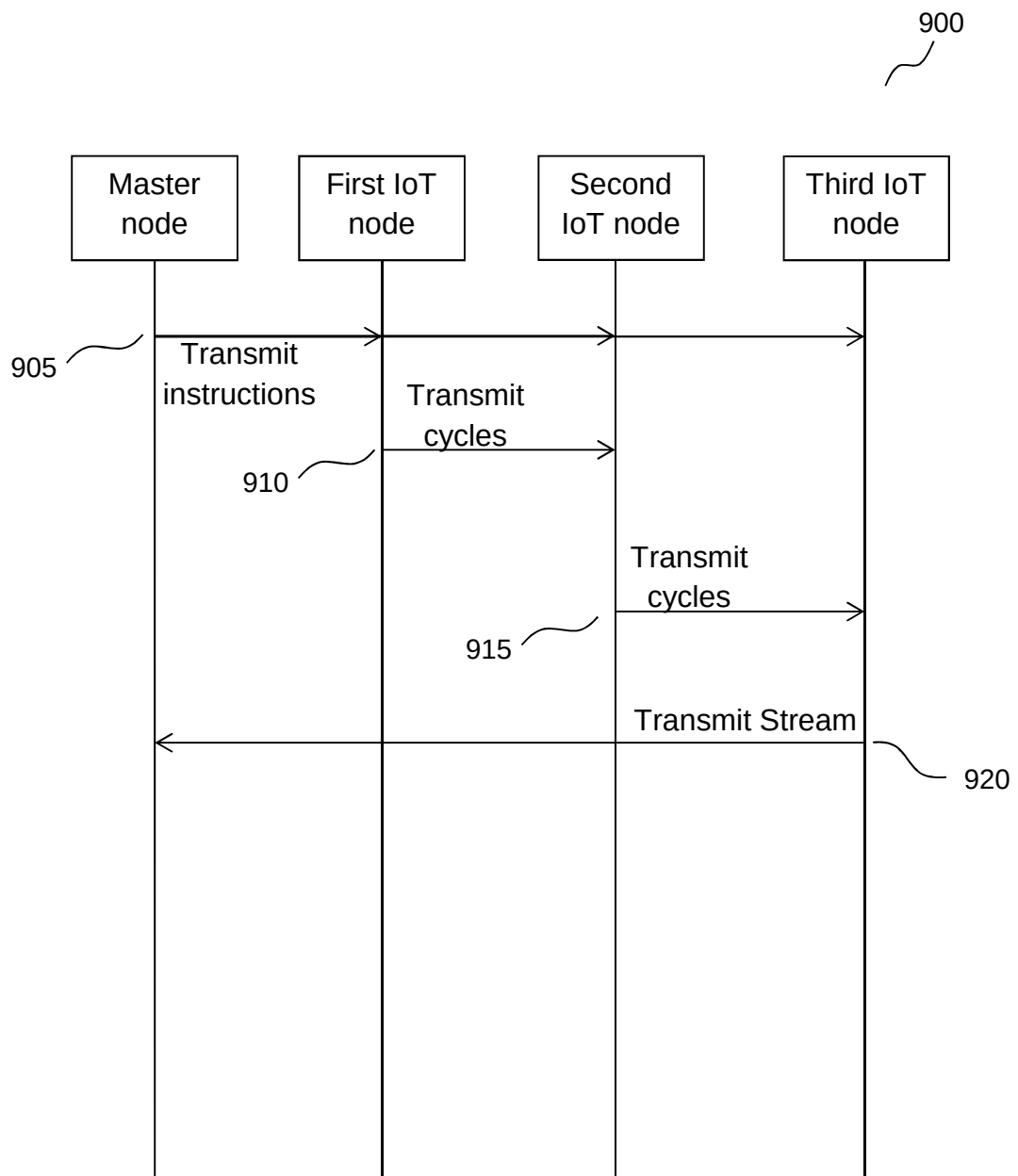


Figure 9

<u>Master Key</u>	
Master Key: Valid period: Time stamp:	
<u>Parameter for trusted IoT nodes</u>	<u>Trusted IoT nodes list</u>
1. Application layer 2. Transport layer	1. 1.1.1.1 2. 1.1.1.2 3. 1.1.1.3
<u>Attribute for master node</u>	4. 1.1.1.4 5. 1.1.1.5 6. 1.1.1.6
<u>Master Key information</u> $K = (4, A P, 1) + 60$ Sequence: 1. G: C2; A P / T: 3 2. G: C1, C3, C4; A P / T: 3 3. R: C1-C4 / G: C1-C4; M	

Figure 10