```java
1   public class TOLock implements Lock{
2     static QNode AVAILABLE = new QNode();
3     AtomicReference<QNode> tail;
4     ThreadLocal<QNode> myNode;
5     public TOLock() {
6       tail = new AtomicReference<QNode>(null);
7       myNode = new ThreadLocal<QNode>() {
8         protected QNode initialValue() {
9           return new QNode();
10        }
11      };
12    }
13    ...
14    static class QNode {
15      public volatile QNode pred = null;
16    }
17  }
```

FIGURE 7.13 TOLock class: fields, constructor, and QNode class.