

```
1  public class TASLock implements Lock {  
2      AtomicBoolean state = new AtomicBoolean(false);  
3      public void lock() {  
4          while (state.getAndSet(true)) {}  
5      }  
6      public void unlock() {  
7          state.set(false);  
8      }  
9  }
```

FIGURE 7.2 The TASLock class.