

```
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.