```
50    public T deq() {
51      T result;
52      boolean mustWakeEnqueuers = false;
53      deqLock.lock();
54      try {
55        while (head.next == null)
56          notEmptyCondition.await();
57        result = head.next.value;
58        head = head.next;
59        if (size.getAndDecrement() == capacity) {
60          mustWakeEnqueuers = true;
61        }
62      } finally {
63        deqLock.unlock();
64      }
65      if (mustWakeEnqueuers) {
66        enqLock.lock();
67        try {
68          notFullCondition.signalAll();
69        } finally {
70          enqLock.unlock();
71        }
72      }
73      return result;
74    }
```

FIGURE 10.5 The BoundedQueue class: the deq() method.