```
29  public boolean add(T item) {
30    int key = item.hashCode();
31    while (true) {
32      Window window = find(head, key);
33      Node pred = window.pred, curr = window.curr;
34      if (curr.key == key) {
35        return false;
36      } else {
37        Node node = new Node(item);
38        node.next = new AtomicMarkableReference(curr, false);
39        if (pred.next.compareAndSet(curr, node, false, false)) {
40          return true;
41        }
42      }
43    }
44  }
```

FIGURE 9.24 The LockFreeList class: The add() method calls find() to locate pred and curr. It adds a new node only if pred is unmarked and refers to curr.