```
1: function RECEIVE(nodes)
2:     if i is fence node AND non-hole boundary then return
3:     end if
4:     if i is non-hole boundary AND i.table.type == 0 then
5:         i.table.type ← 1
6:         with (1-p) probability i.broadcast()
7:     else if i is non-hole boundary AND i.table.type == 1 then
8:         i.table.type ← 2
9:         with (1-2p) probability i.broadcast()
10:     elsereturn
11:     end if
12: end function
```