

```

digraph Automaton
{
    node[fontsize=20]      edge[fontsize=20, arrowhead = open]
    rankdir = LR;
    size = "10.000000, 8.000000";
    center = 1;
    nodesep = "0.2"

    0 [shape=doublecircle, style=bold, fontsize=20, margin=0]
    1 [shape=doublecircle, style=solid, fontsize=20, margin=0]
    2 [shape=doublecircle, style=solid, fontsize=20, margin=0]

    0 -> 1 [label="(0, 1)"]
    0 -> 0 [label="(b - 1, 2)"]
    0 -> 1 [label="(0, 2)"]
    0 -> 0 [label="(1, 1)"]
    1 -> 2 [label="(0, 1)"]
    1 -> 0 [label="(b - 1, 2)"]
    1 -> 2 [label="(0, 2)"]
    1 -> 0 [label="(1, 1)"]
    2 -> 2 [label="(0, 1)"]
    2 -> 0 [label="(1, 2)"]
    2 -> 0 [label="(b - 1, 2)"]
    2 -> 0 [label="(2, 1)"]
    2 -> 2 [label="(0, 2)"]
    2 -> 0 [label="(1, 1)"]
}

```