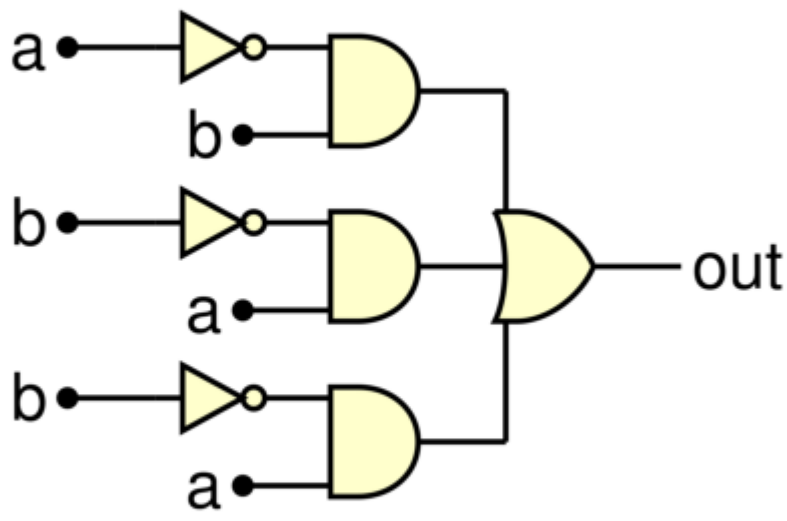
In [36]:
```
import wavedrom
import cairosvg
from PIL import Image
import matplotlib.pyplot as plt

def make_logic(circuit):
    svg = wavedrom.render(f"""{circuit}
    """)
    svg["width"] ="2500px"
    svg["height"] ="2500px"
    svg.saveas("/tmp/output.svg")
    svg.saveas("/tmp/demo2.svg")
    cairosvg.svg2png(url='/tmp/output.svg', write_to='/tmp/output.png')
    image = Image.open("/tmp/output.png")
    plt.figure(figsize=(8, 8))  # Adjust the width and height values as desired
    plt.imshow(image)
    plt.axis('off')
    plt.show()
```

In [39]:
```
circuit = { "assign":[
      ["out",
        ["|",
          ["&", ["~", "a"], "b"],
          ["&", ["~", "b"], "a"],
          ["&", ["~", "b"], "a"]
        ]
      ]
    ]}
make_logic(circuit)
```



In [ ]: