Clamp Connection: Bridge-like hyphal connection characteristic of the secondary mycelium of many basidiomycetes; it insures that sister nuclei arising from division of the dikaryon become separated in the two daughter cells.

1. dikaryon

2. oblique orientation of nuclear division in b

3. nucleus b migrates into clamp connection

4. clamp connection insures that each daughter cell has one a and one b nucleus (n+n).

Original dikaryotic cell formed by plasmogamy between adjacent uninucleate haploid hyphal cells from same plant or different plants.

original dikaryotic cell: primary hypha (n) → secondary hypha (n+n)