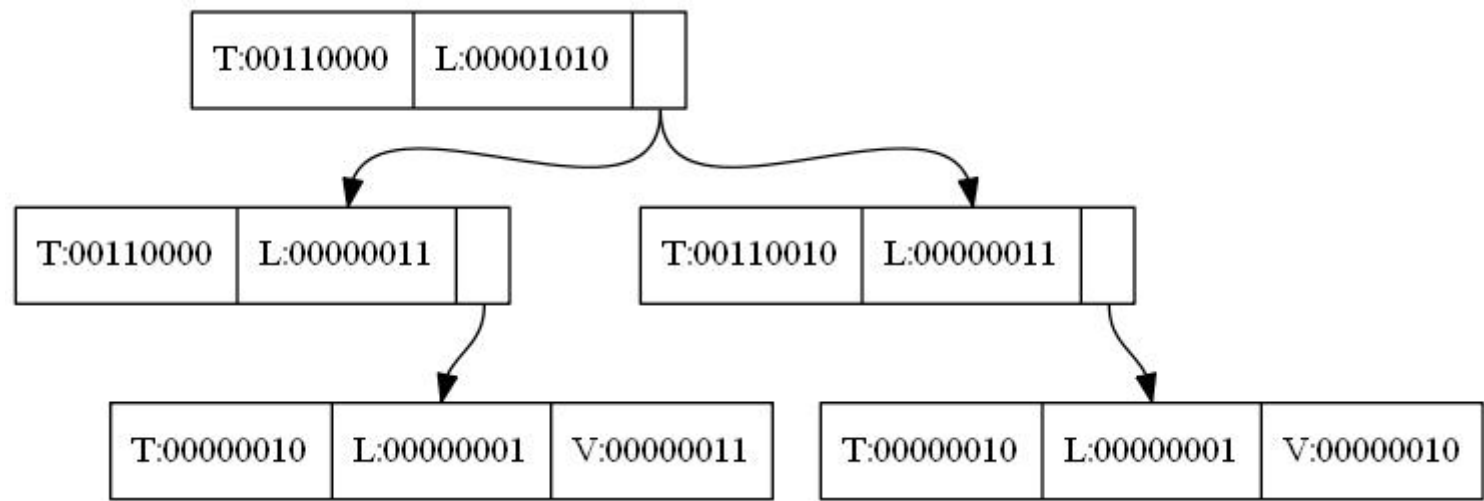
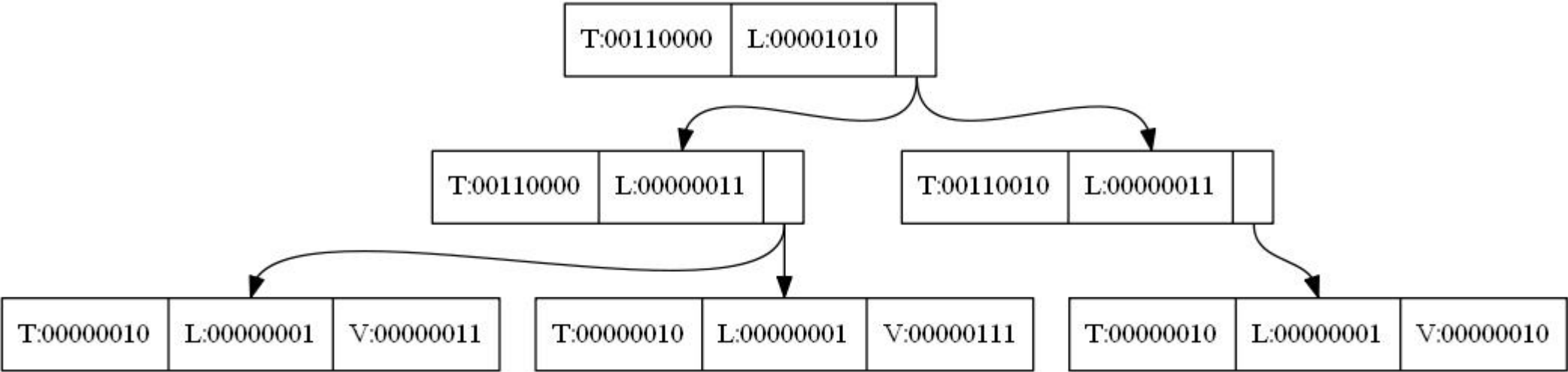


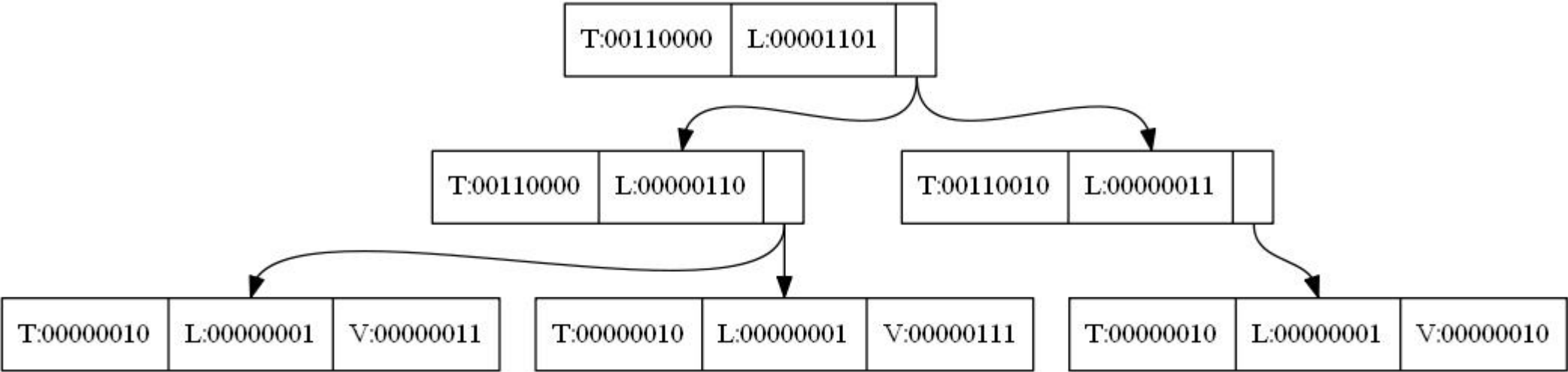
Non-OID guided raw binary fragments:



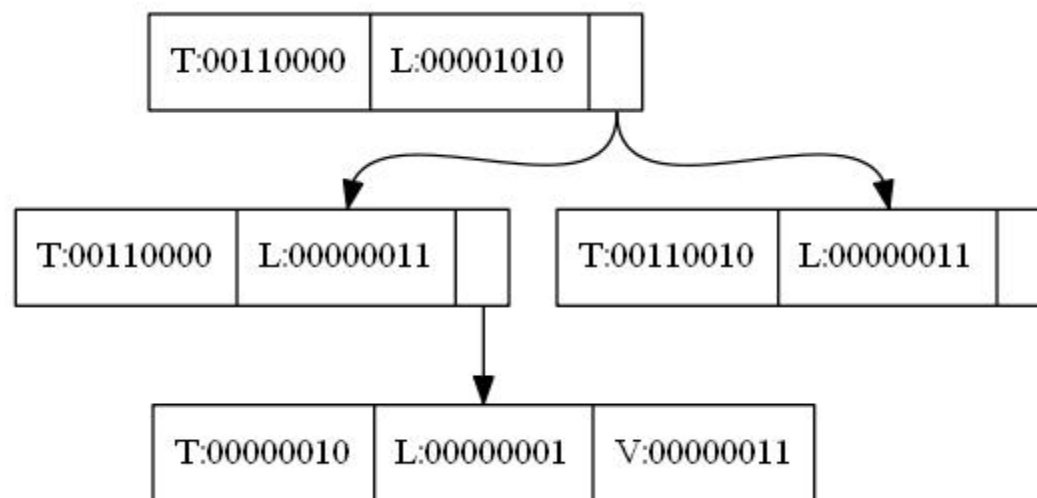
Non-OID-guided binary fragments before adding leaf node repair:



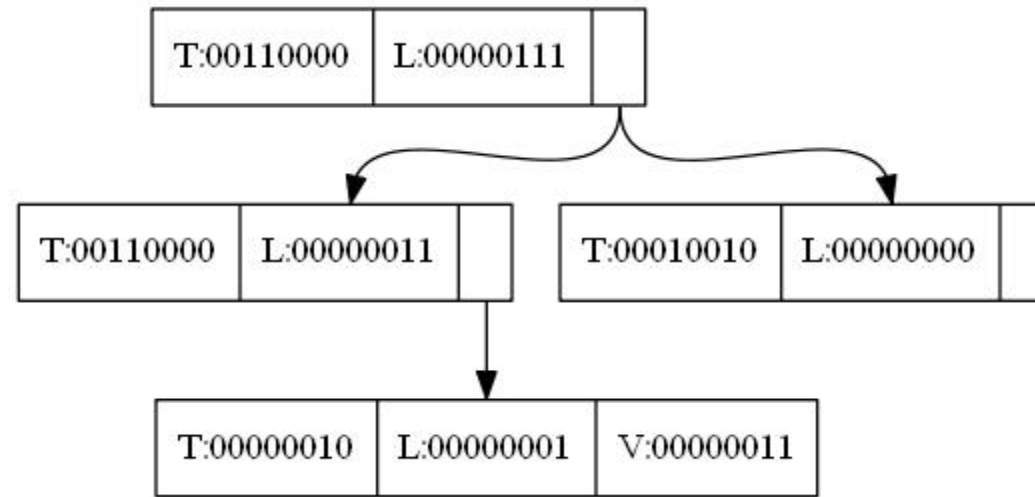
Non-OID-guided binary fragment after adding leaf node repair:



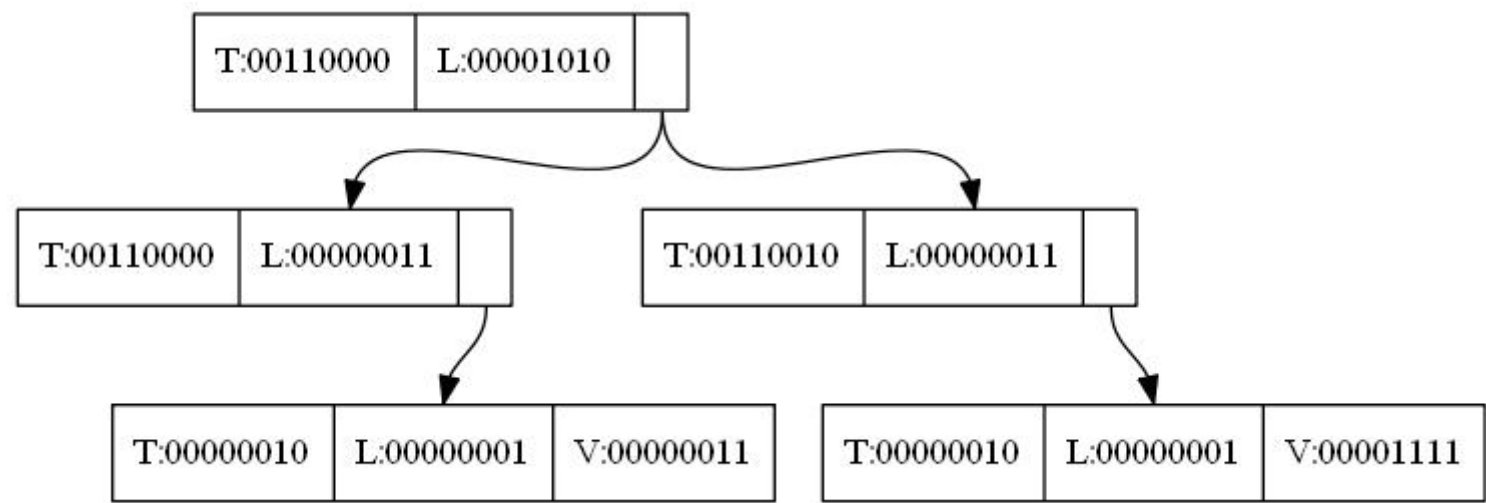
Non-OID-guided binary fragment removal leaf node before repair:



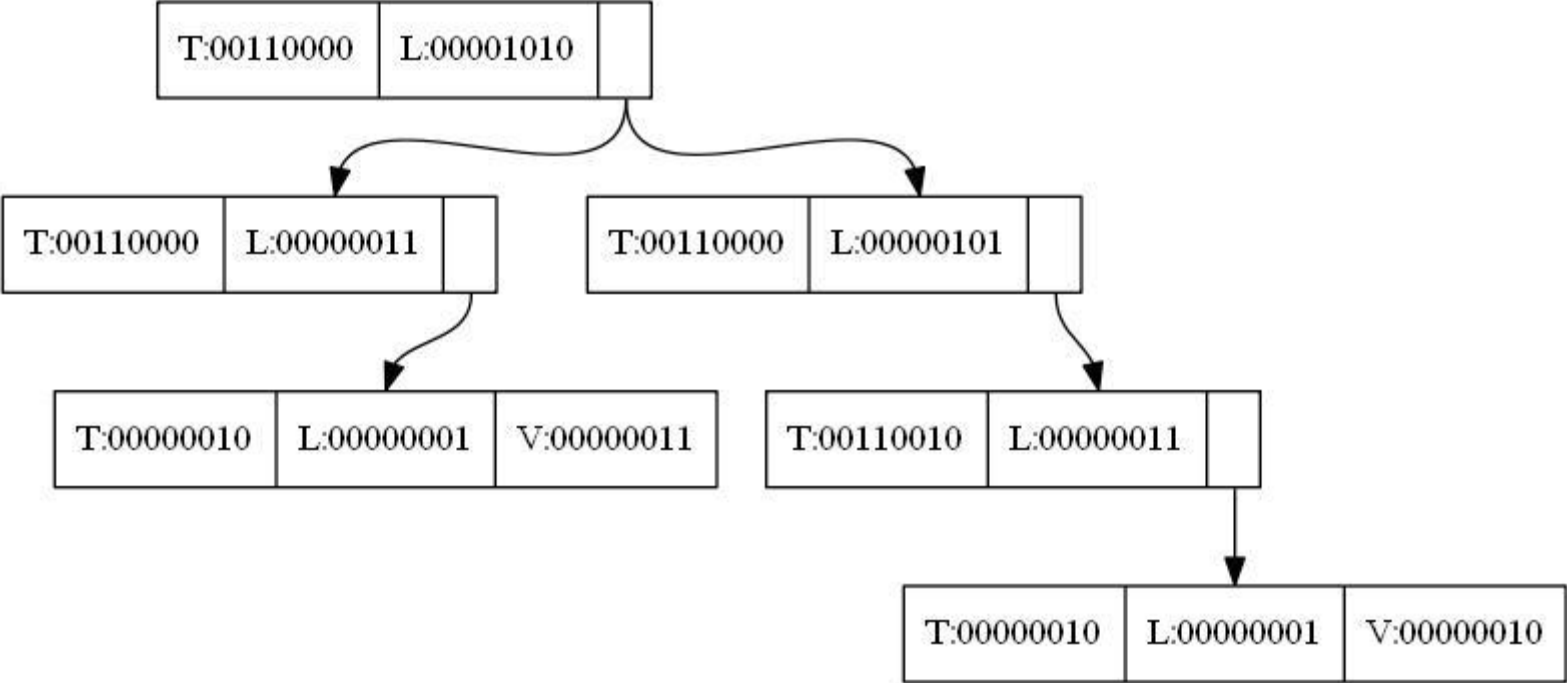
Non - OID - guided binary fragment removal after leaf node repair:



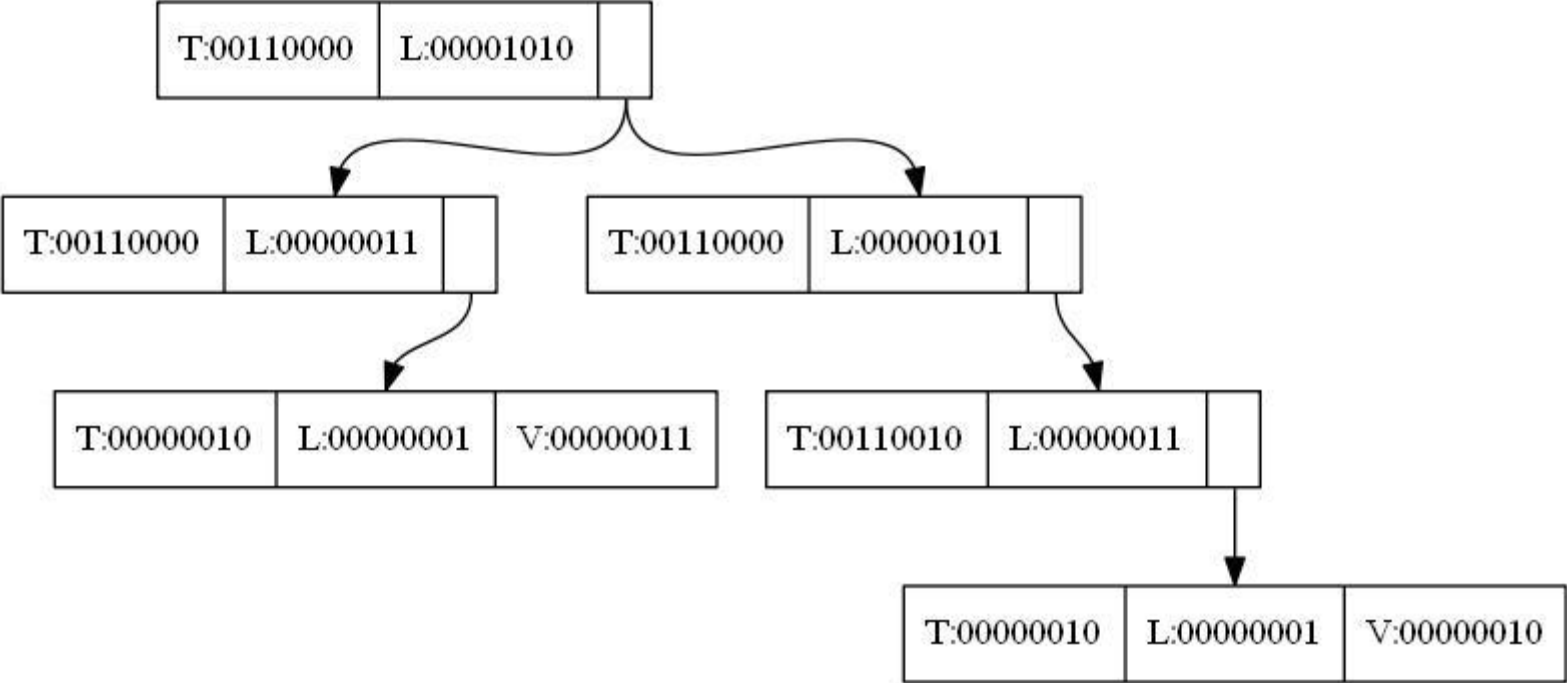
Non-OID-guided binary fragment leaf node variation:



Non-OID-guided binary fragment before adding intermediate node repair:

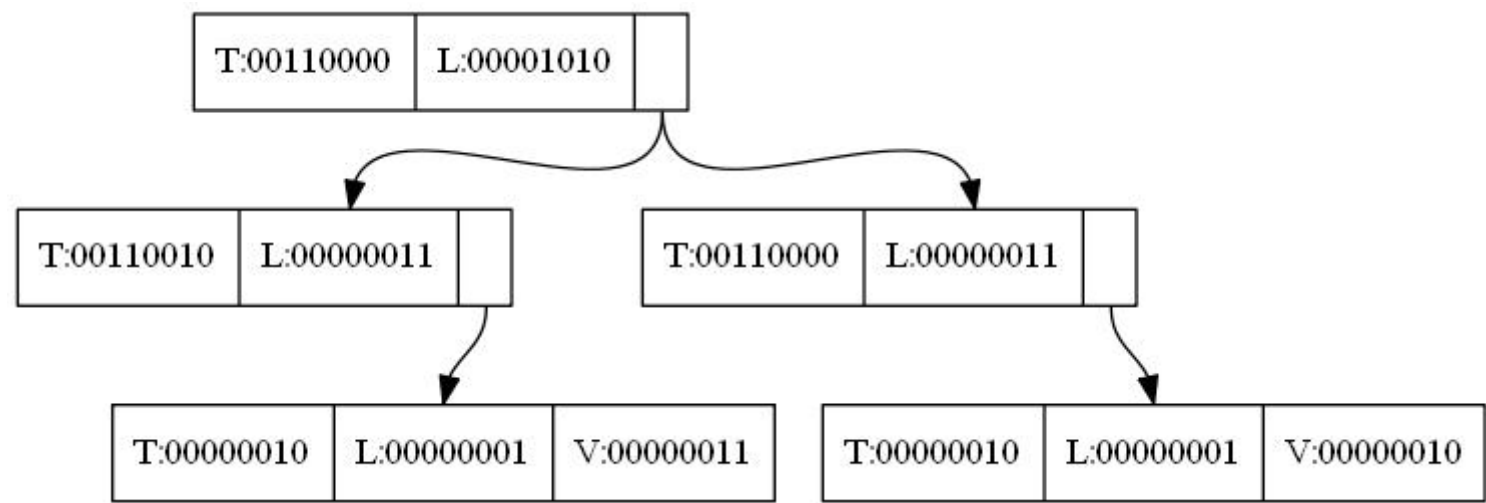


Non-OID-guided binary fragments after adding intermediate node repair:

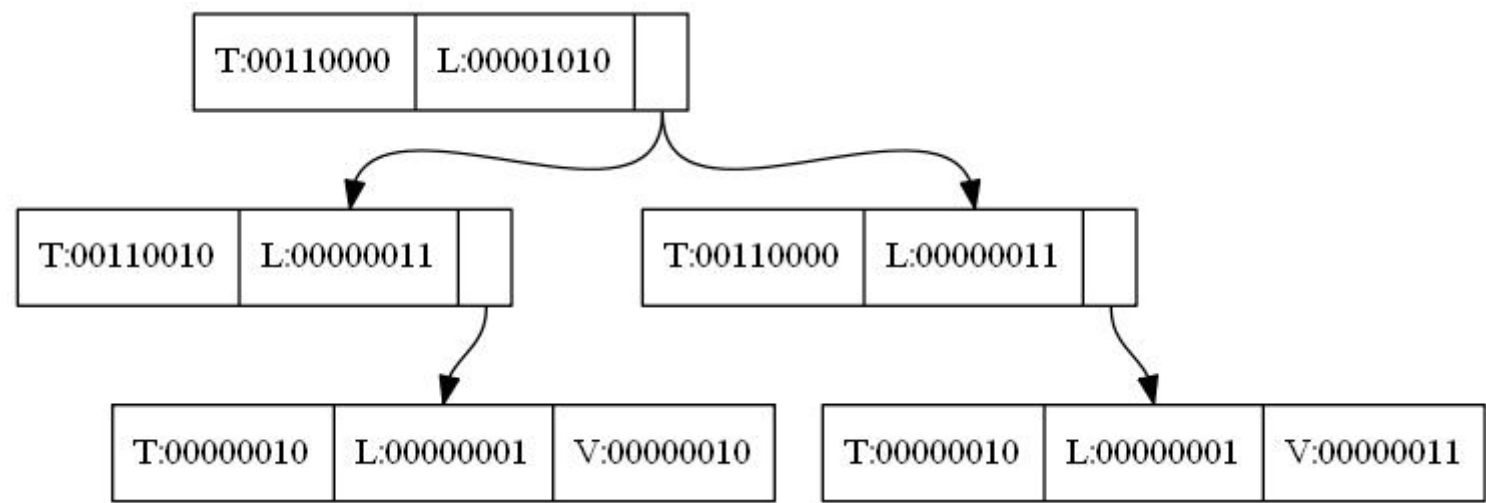




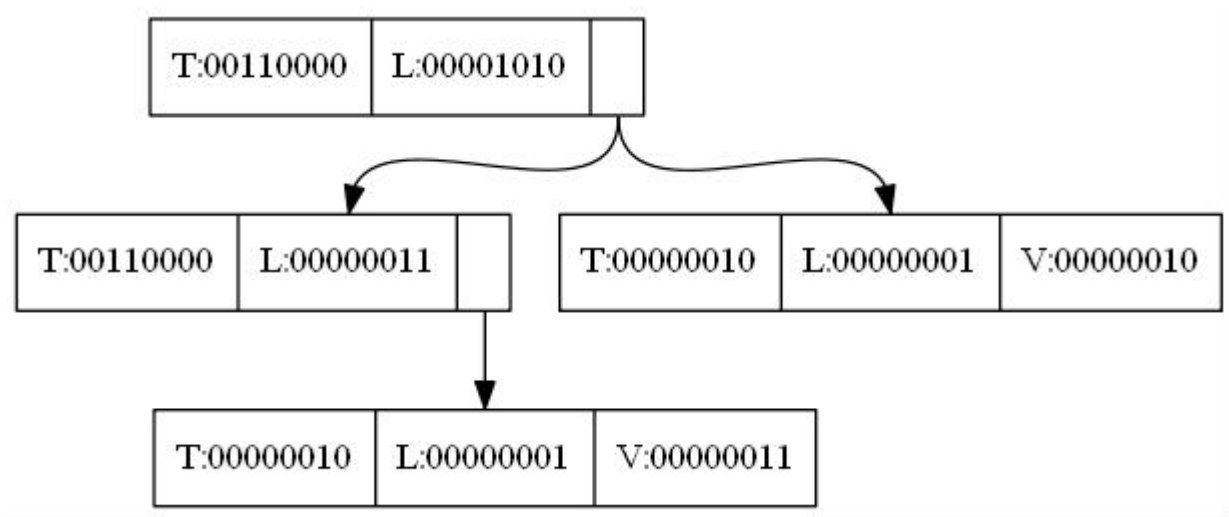
Non-OID guided binary fragment exchange intermediate node:



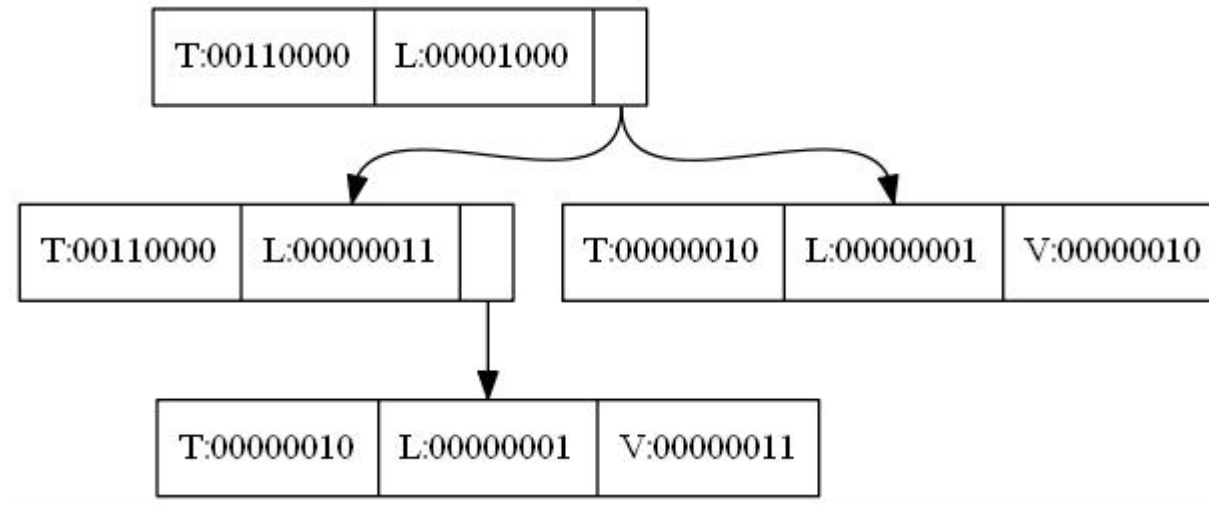
Non-OID guided binary fragment swap intermediate nodes are subtrees of the root node:



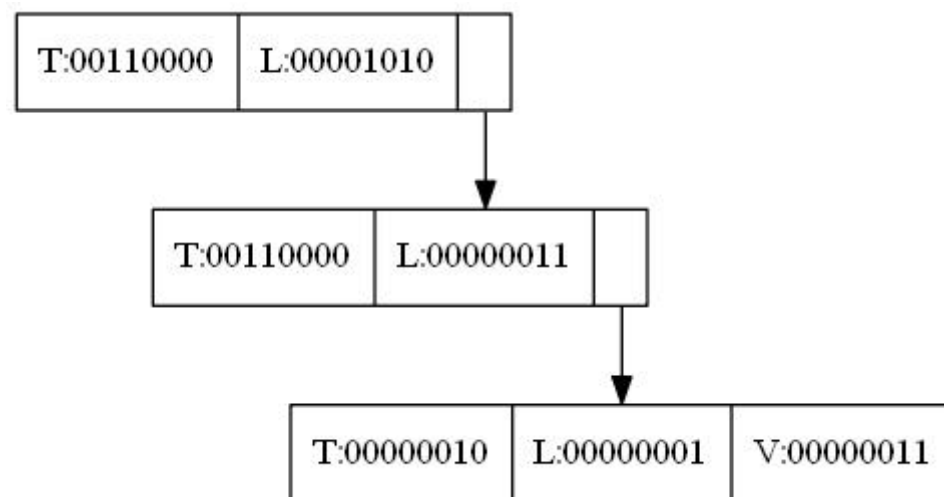
Non-OID-guided binary fragment removal before intermediate node repair:



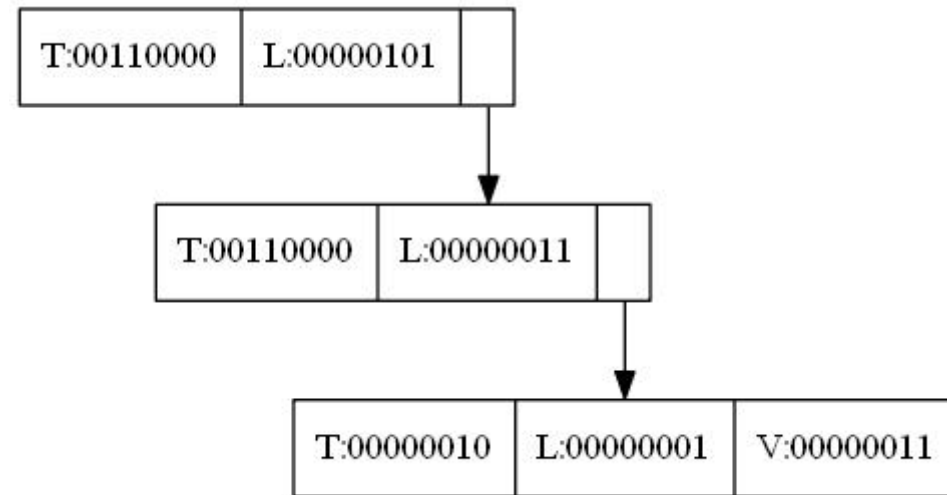
Non-OID guided binary fragment after removal of intermediate node repair:



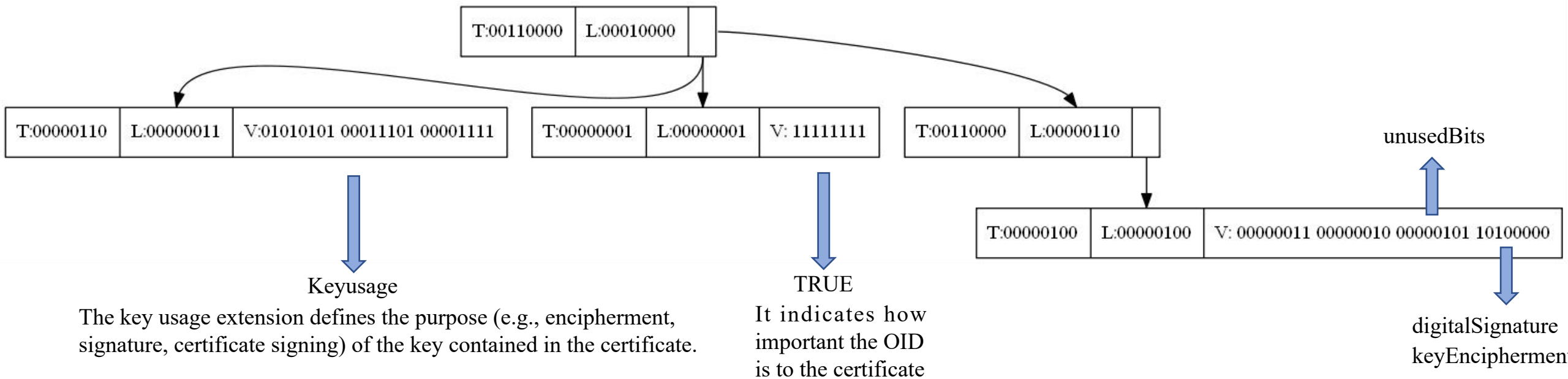
Non-OID-guided binary fragment removal before subtree repair with intermediate node as root:



Non-OID-guided binary fragment after repair of subtree with intermediate node removed as root:



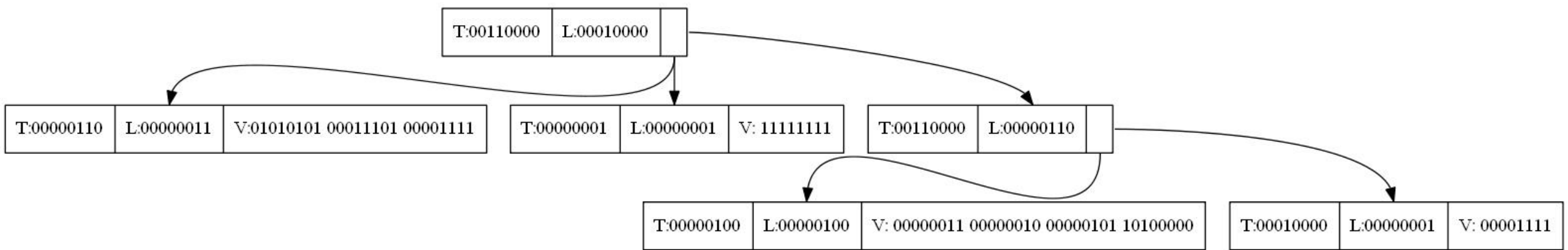
Original diagram of the OID-guided binary fragment (this OID is keyusage):



The keyEncipherment bit is asserted when the subject public key is used for enciphering private or secret keys, i.e., for key transport. For example, this bit shall be set when an RSA public key is to be used for encrypting a symmetric content-decryption key or an asymmetric private key.

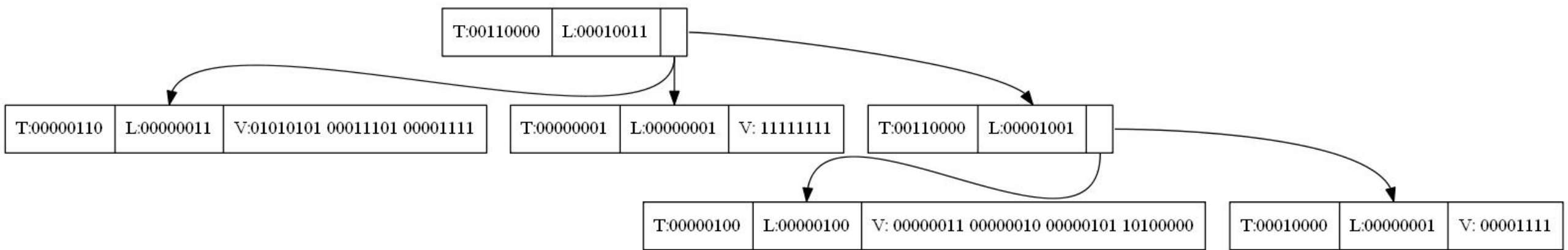
The digitalSignature bit is asserted when the subject public key is used for verifying digital signatures, other than signatures on certificates (bit 5) and CRLs (bit 6), such as those used in an entity authentication service, a data origin authentication service, and/or an integrity service.

OID-guided binary fragments before adding leaf nodes to the repair:

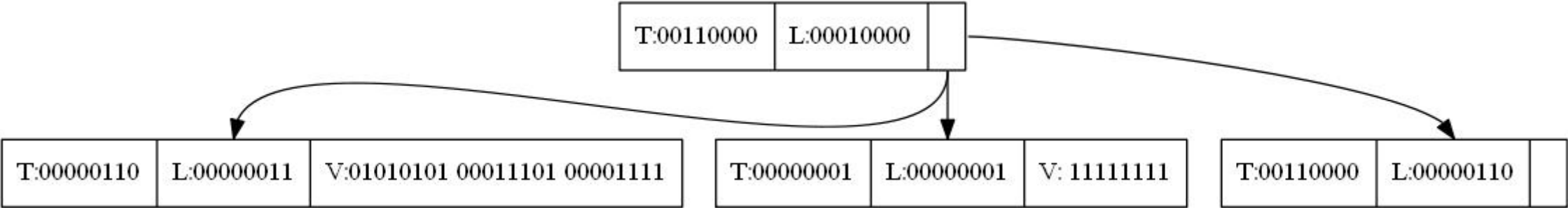




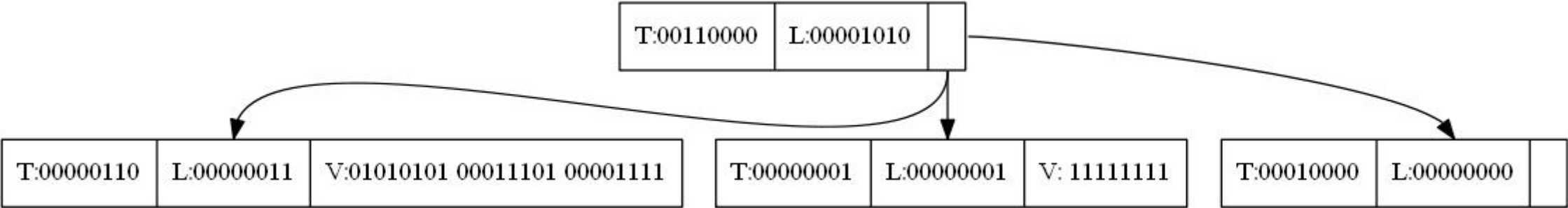
OID-guided binary fragment after adding leaf node repair:



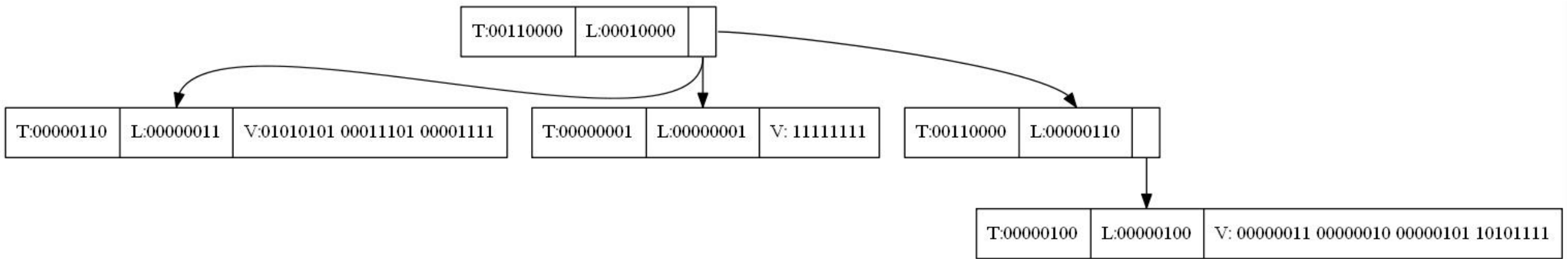
OID-guided binary fragment removal before leaf node repair:



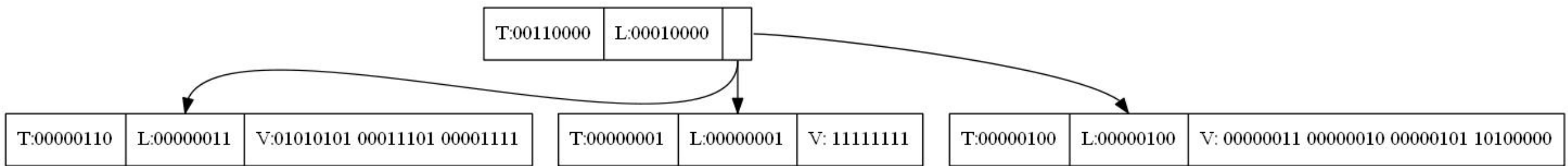
OID-guided binary fragments after leaf node removal repair:



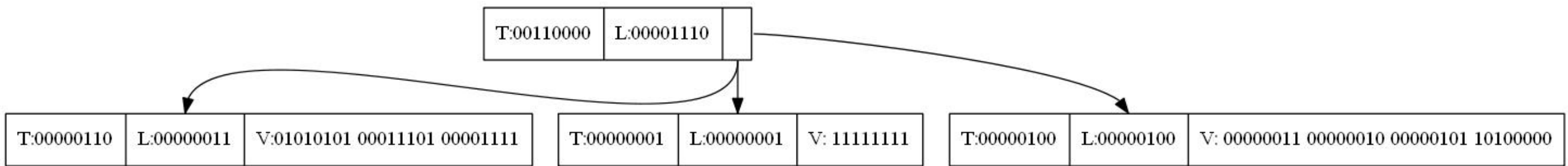
OID-guided binary fragment leaf node value variants:



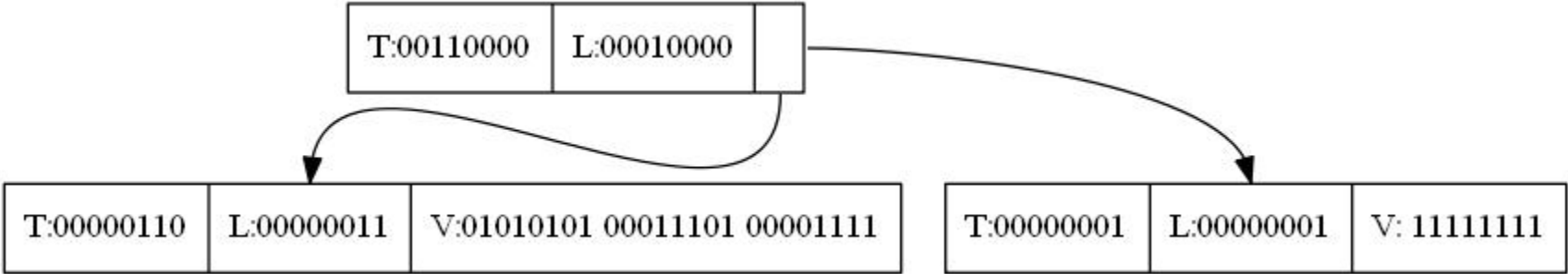
OID-guided binary fragment removal before intermediate node repair:



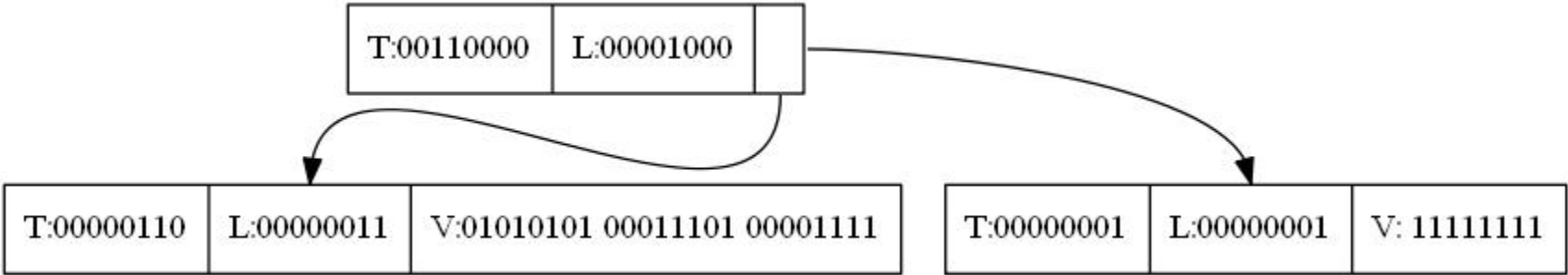
OID-guided binary fragment after removal of intermediate node repair:



OID-guided binary fragment removal of subtree with intermediate node as root before repair:

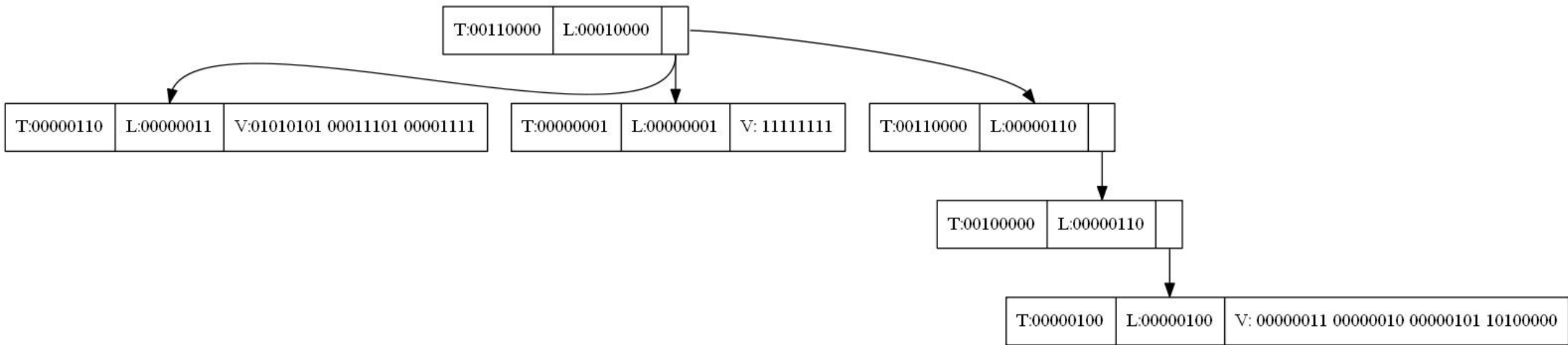


OID-guided binary fragment after repair of subtree with intermediate node as root:

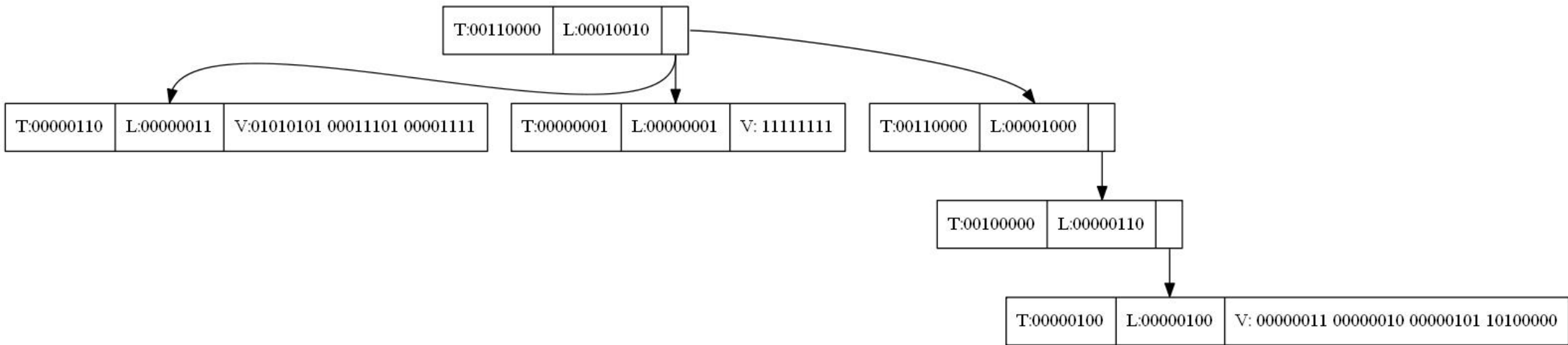




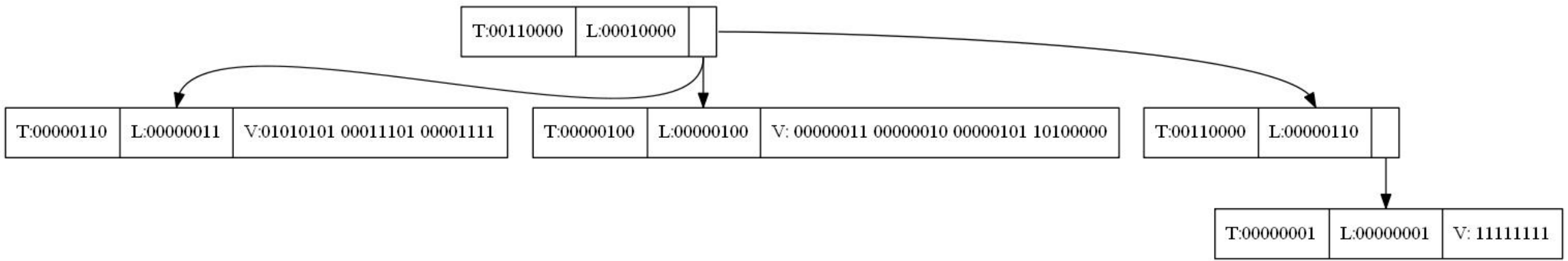
OID-guided binary fragment before adding intermediate node repair:



OID-guided binary fragment after addition of intermediate node repair:



OID-guided binary fragment interchange node position before repair:



OID-guided binary fragment swapping after node position repair:

