```
list-list-connect-append2  THM

⊢  For any graph
   ∀A,B,C:V List. A-->*C ∨ B-->*C ⇒ A @ B-->*C
  by (Unfold `list-list-connect` 0) THEN (Unfold `l_all` 0)
     THEN
     (Unfold `list-connect` 0)
     THEN
     (Unfold `l_exists` 0)
     THEN
     SplitOrHyps
     THEN
     (FwdThru -3 [-1])
     THEN
     (ParallelOp -1)
     THEN
     (RWO
      Thm* ∀x:T, l1,l2:T List. (x ∈ l1 @ l2) ⟺ (x ∈ l1) ∨ (x ∈ l2)
      {member_append}
      0)
     THEN
     Obvious
END
```