

Inference at * 2
of proof for Lemma branch_wf2:

....subterm.... T:t3:n

1. $P : \mathbb{P}$
 2. $d : \text{Dec}(P)$
 3. $T : \text{Type}$
 4. $P \rightarrow T$
 5. $B : \bigcap q : \neg P. T$
 6. $x : \neg P$
 7. $d = (\text{inr } x)$
- $\vdash B \in T$
by ((With x (D 5))
CollapseTHEN (Auto·)).