Inference at $*$ 1 1 1
 of proof for Lemma not_over_and:

1. $A : \mathbb{P}$
2. $B : \mathbb{P}$
3. Dec(A)
4. $\neg(A \wedge B)$
5. A
6. B

⊢False
  by ((D 4)
  CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n
    )) (first_tok :t) inil_term)))·

    .