Inference at $*$ 1 2
 of proof for Lemma not_over_and:

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

$\vdash (\neg A) \vee (\neg B)$
 by ((Sel 1 (D 0))
 CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat
 3:n)) (first_tok :t) inil_term)))·

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http://www.nuprl.org/FDLcontent/p0_359040_/p121_100339_{not_over_and}1_2.html