Inference at $*$
of proof for Lemma dneg_elim_a:

$\vdash \forall A{:}\mathbb{P}.\ \mathrm{Dec}(A) \Rightarrow ((\neg\neg A) \iff A)$
by ((GenRepD)
CollapseTHENA ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n
)) (first_tok :t) inil_term)))·

1:

1. $A : \mathbb{P}$
2. $\mathrm{Dec}(A)$
3. $\neg\neg A$

$\vdash A$

2:

1. $A : \mathbb{P}$
2. $\mathrm{Dec}(A)$
3. A

$\vdash \neg\neg A$

.