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

1. $\neg(\uparrow \mathrm{ff})$
$\vdash$ ff = ff
   by (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)

   .