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

1. $\neg(\uparrow \mathrm{ff})$
$\vdash \mathrm{ff} = \mathrm{ff}$
   by (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_90103_{not_assert_elim}1_2.html