

Inference at \*  
of proof for Lemma eqff\_to\_assert:

$\vdash \forall b:\mathbb{B}. (b = \text{ff}) \iff (\uparrow(\neg b))$   
by ((GenUnivCD)  
CollapseTHENA ((Auto\_aux (first\_nat 1:n) ((first\_nat 1:n),(first\_nat  
3:n)) (first\_tok :t) inil\_term))).

1:

1.  $b : \mathbb{B}$
  2.  $b = \text{ff}$
- $\vdash \uparrow(\neg b)$

2:

1.  $b : \mathbb{B}$
  2.  $\uparrow(\neg b)$
- $\vdash b = \text{ff}$

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