Inference at $*$
of proof for Lemma assert_of_eq_atom:

$\vdash \forall x, y$:Atom. $(\uparrow x =_{\mathrm{a}} y) \iff (x = y)$
by ((((Unfold ‘eq_atom‘ 0)
CollapseTHEN (GenUnivCD))·)
CollapseTHENA (
(Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))·

1:

1. x : Atom
2. y : Atom
3. $\uparrow$if $x{=}y$ then tt else ff

$\vdash x = y$

2:

1. x : Atom
2. y : Atom
3. $x = y$

$\vdash \uparrow$if $x{=}y$ then tt else ff

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