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

1. $x : \mathbb{Z}$
2. $y : \mathbb{Z}$
3. $\uparrow$ff
4. $\neg(x < y)$

$\vdash x < y$
 by ((AssertLemma ‘assert_of_ff‘ [])
 CollapseTHEN ((Auto_aux (first_nat 1:n
) ((first_nat 1:n),(first_nat 4:n)) (first_tok :t) inil_term)))·

 .

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http://www.nuprl.org/FDLcontent/p0_359040_/p121_88967_{assert_of_lt_int}1_2_1.html