Inference at $*$
of proof for Lemma pair_eta_rw:

$\vdash \forall A$:Type, B:($A \rightarrow$Type), p:(a:$A \times B(a)$). $<p.1, p.2> = p$
by ((UnivCD)
CollapseTHENA ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n
)) (first_tok :t) inil_term)))·

1:

1. A : Type
2. B : $A \rightarrow$Type
3. p : a:$A \times B(a)$

$\vdash <p.1, p.2> = p$

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http://www.nuprl.org/FDLcontent/p0_359040_/p121_103608_{pair_eta_rw}.html