Inference at * 1 2
of proof for Lemma quotient_wf:

.....eq aux..... NILNIL

1. T : Type
2. E : $T \rightarrow T \rightarrow \mathbb{P}$
3. ($\forall a{:}T.\ E(a,a)$) & ($\forall a,\ b{:}T.\ E(a,b) \Rightarrow E(b,a)$) & ($\forall a,\ b,\ c{:}T.\ E(a,b) \Rightarrow E(b,c) \Rightarrow E(a,c)$)
4. x : T
5. y : T
6. $E(x,y)$

$\vdash E(y,x)$

by ((BHyp 3)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 4:n
)) (first_tok :t) inil_term)))·

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