Inference at $*$ 1
 of proof for Lemma bij_iff_1_1_corr:

1. A : Type
2. B : Type
3. $\exists f$:$A\rightarrow B$. Bij(A;B;f)
$\vdash \exists f$:$A\rightarrow B$. $\exists g$:$B\rightarrow A$. InvFuns(A;B;f;g)
 by ((((D 3)
 CollapseTHEN (With f (D 0)))·)
 CollapseTHENA ((Auto_aux (first_nat 1:n
) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))·

 1:

 3. f : $A\rightarrow B$
 4. Bij(A;B;f)
 $\vdash$ $\exists g$:$B\rightarrow A$. InvFuns(A;B;f;g)
 .