Inference at $*$
of proof for Lemma bij_imp_exists_inv:

$\vdash \forall A$, B:Type, f:$(A \rightarrow B)$. Bij$(A;B;f) \Rightarrow (\exists g{:}B \rightarrow A.$ InvFuns$(A;B;f;g))$
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 : Type
3. f : $A \rightarrow B$
4. Bij$(A;B;f)$

$\vdash \exists g{:}B \rightarrow A.$ InvFuns$(A;B;f;g)$

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_84195_{bij_imp_exists_inv}.html