

fpf-rename-ap2^{11,40}

$\forall A, C:\text{Type}, B:(A \rightarrow \text{Type}), eqa:\text{EqDecider}(A), eqc, eqc':\text{EqDecider}(C), r:(A \rightarrow C),$
 $f:a:A \text{ fp} \rightarrow B(a), a:A. \text{Inj}(A;C;r) \Rightarrow (\uparrow a \in \text{dom}(f)) \Rightarrow (\text{rename}(r;f)(r(a)) = f(a) \in B(a))$