inv-rel^{0,22}

inv-rel$(A;B;f;\mathit{finv})$
$\equiv_{\text{def}}$ $(\forall a{:}A,\ b{:}B.\ \mathit{finv}(b) = \text{inl}(a) \Rightarrow b = f(a))\ \&\ (\forall a{:}A.\ \mathit{finv}(f(a)) = \text{inl}(a))$

clarification:

inv-rel$(A;B;f;\mathit{finv})$
$\equiv_{\text{def}}$ $(\forall a{:}A,\ b{:}B.\ \mathit{finv}(b) = \text{inl}(a) \in A{+}\text{Unit} \Rightarrow b = f(a) \in B)$
$\&\ (\forall a{:}A.\ \mathit{finv}(f(a)) = \text{inl}(a) \in A{+}\text{Unit})$

http://www.cs.cornell.edu/Info/Projects/NuPrl/FDLcontent/p0_286125_/p33_287255_{inv-rel}.html