EVal-atom-free[11,40]

AtomFreeDecls(X)
$\equiv_{\text{def}}$ ($\forall i$, x:Id. AtomFree(Type;((X.2.2.2.2.2).1)(i,x)))
& ($\forall i$:Id, k:Knd. AtomFree(Type;((X.2.2.2.2.2.2.2.2.2).1)(k,i)))

clarification:

EVal-atom-free{i:l}
(X)
$\equiv_{\text{def}}$ ($\forall i$:Id, x:Id. atom-free{1:n}(Type{i}; (((X.2.2.2.2.2).1)(i,x))))
& ($\forall i$:Id, k:Knd. atom-free{1:n}(Type{i}; (((X.2.2.2.2.2.2.2.2.2).1)(k,i))))