decl-state^{0,22}

$\mathrm{State}(ds) \equiv_{\mathrm{def}} x{:}\mathrm{Id} \rightarrow ds(x)?\mathrm{Top}$

clarification:

$\mathrm{State}(ds) \equiv_{\mathrm{def}} x{:}\mathrm{Id} \rightarrow \mathrm{fpf\text{-}cap}(ds;\mathrm{IdDeq};x;\mathrm{Top})$

http://www.cs.cornell.edu/Info/Projects/NuPrl/FDLcontent/p0_286125_/p32_338302_{decl-state}.html