map-decide^{0,22}

$\forall A$, B:Type, b:$A+B$, f, L_1, L_2:Top.
map(f;Case b of inl(a) $\Rightarrow$ $L_1(a)$; inr(a) $\Rightarrow$ $L_2(a)$)
$\sim$
Case b of inl(a) $\Rightarrow$ map(f;$L_1(a)$) ; inr(a) $\Rightarrow$ map(f;$L_2(a)$)

---

http://www.cs.cornell.edu/Info/Projects/NuPrl/FDLcontent/p0_286125_/p21_447284_{map-decide}.html