

## **concat-map-decide**<sup>11,40</sup>

$\forall T:\text{Type}, B:(T \rightarrow (\text{Top} + \text{Top})), L:(T \text{ List}).$   
 $\text{concat}(\text{map}(\lambda x.\text{case } B(x) \text{ of } \text{inl}(a) \Rightarrow [a] \mid \text{inr}(a) \Rightarrow [];L))$   
 $\sim$   
 $\text{mapfilter}(\lambda x.\text{outl}(B(x));\lambda x.\text{isl}(B(x));L)$