

msg-spec-loc-decl^{0,22}

$\text{msg-spec-loc-decl}(snd; i; da)$
 $\equiv_{\text{def}} \forall k:\text{Knd}, l:\text{IdLnk}.$
 $\langle k, l \rangle \in \text{dom}(snd)$
 $\Rightarrow \text{source}(l) = i \ \& \ (\forall tg \in \text{map}(\lambda p. \text{1of}(p); snd(\langle k, l \rangle)). \text{rcv}(l, tg) \in \text{dom}(da))$

clarification:

$\text{msg-spec-loc-decl}(snd; i; da)$
 $\equiv_{\text{def}} \forall k:\text{Knd}, l:\text{IdLnk}.$
 $\text{fpf-dom}(\text{product-deq}(\text{Knd}; \text{IdLnk}; \text{KindDeq}; \text{IdLnkDeq}); \langle k, l \rangle; snd)$
 $\Rightarrow \text{source}(l) = i \in \text{Id}$
 $\ \& \ \text{L.all}(\text{map}(\lambda p. \text{1of}(p)$
 $\quad ; \text{fpf-ap}(snd; \text{product-deq}(\text{Knd}; \text{IdLnk}; \text{KindDeq}; \text{IdLnkDeq}); \langle k, l \rangle$
 $\quad)); \text{Id}; tg. \text{fpf-dom}(\text{KindDeq}; \text{rcv}(l, tg); da))$