state-when-first[11,40]

$\forall es$:event_system$\{$i:l$\}$, e:es-E(es).
$(\uparrow$es-first$(es; e))$
$\Rightarrow$ sqequal(es_state_when$(es; e)$; $(\lambda x,t.$ es_init$(es)($loc$(e),x,t +$ es-time$(es; e))))$