**equal-d-world-states**$^{0,22}$

$\forall D$:Dsys, $i$:Id, $s_1$, $s_2$:M($i$).state, $k_1$, $k_2$:Knd, $v_1$:d-decl($D$;$i$)($k_1$), $v_2$:d-decl($D$;$i$)($k_2$), $m_1$,
$m_2$:{$m$:M($i$).Msg| source(mlnk($m$)) = $i$ } List.
$\langle s_1, \text{doact}(k_1;v_1), m_1\rangle = \langle s_2, \text{doact}(k_2;v_2), m_2\rangle \in$ d-world-state($D$;$i$)
$\Rightarrow s_1 = s_2$ & $k_1 = k_2$ & $v_1 = v_2 \in$ d-decl($D$;$i$)($k_1$) & $m_1 = m_2$