Summation:

$$\llbracket \sum_{i} \pi_{i}.R_{i} \rrbracket \stackrel{\text{def}}{=} \text{new}(l).(l!\langle true \rangle \mid \prod_{i} \llbracket \pi_{i}.R_{i} \rrbracket_{l})$$

Sending:

$$[\![c!\langle\overline{V}\rangle.P]\!]_r \stackrel{\text{def}}{=} \text{new}(ack).(c!\langle r,ack,\overline{V}\rangle \mid ack?(x).\text{if } x = true \text{ then } [\![P]\!]$$
 else (if $x = retry$ then $c!\langle r,ack,\overline{V}\rangle$ else $stop$))

Receiving:

$$[\![c?(\overline{X}).P]\!]_l \stackrel{\text{\tiny def}}{=} \text{rec } q.c?(r,ack,\overline{X}).(l,r)?d\text{-}lock.[\![P]\!]$$

(l, r)?d-lock.P means:

$$l?(x).(if \ x = true$$
 then $r?(y).(if \ y = true$ then $l!\langle false \rangle \mid r!\langle false \rangle \mid ack!\langle true \rangle \mid P$ else $l!\langle true \rangle \mid r!\langle false \rangle \mid ack!\langle false \rangle \mid q)$ else $l!\langle false \rangle \mid ack!\langle retry \rangle)$