$$
\begin{tikzcd}
C \arrow[r, "i_{k1}"] \arrow[d, "j_2"'] & A_k \arrow[r, "\varphi_k^l"] \arrow[d, "j_{k1}"'] & A_l \arrow[r, "\varphi_l"] \arrow[d, "j_{l1}"'] & A \arrow[d, "j_1"] \arrow[ddr, dashed, "\psi"] & \\
B \arrow[r, "j_{k2}"] \arrow[drrr, bend right, "\Psi_k \circ j_{k2}"'] & A_k *_C B \arrow[r, "\Phi_k^l"] \arrow[drr, bend right, "\Psi_k"'] & A_l *_C B \arrow[r, "\Phi_l"] \arrow[dr, bend right, "\Psi_l"'] & A *_C B \arrow[dr, dashed, "\Psi"] & \\
& & & & D.
\end{tikzcd}
$$