$$
\begin{array}{ccc}
A_2 & \!=\!=\!=\! & A_2 \\
\Big\downarrow{\scriptstyle m_2} & \boxed{1} & \Big\downarrow{\scriptstyle x_2} \\
\end{array}
$$

$$
\begin{array}{ccccccc}
A_1 & \xrightarrow{\;m_1\;} & M & \xrightarrow{\;\lambda_2\;} & B_2 & \xrightarrow{\;\varepsilon\;} & \\
\Big\| & \boxed{2} & \Big\downarrow{\scriptstyle \lambda_1} & \boxed{3} & \Big\downarrow{\scriptstyle y_2} & \boxed{4} & \\
A_1 & \xrightarrow{\;x_1\;} & B_1 & \xrightarrow{\;y_1\;} & C & \xrightarrow{\;\delta_1\;} & \\
& & \Big\downarrow{\scriptstyle \eta} & \boxed{5} & \Big\downarrow{\scriptstyle \delta_2} & \boxed{6} & \\
\end{array}
$$