$$\begin{array}{c|c}
\mathbf{C}_1 & \xrightarrow{f_1} & \mathbf{D}_1 \\
\hline
\mathbf{Cat} & \mathbf{Cat} & \mathbf{G}
\end{array}$$

$$\begin{array}{c|c}
\mathbf{Cat} & \mathbf{Cat} & \mathbf{G}
\end{array}$$

$$\begin{array}{c|c}
\mathbf{C}_2 & \xrightarrow{f_2} & \mathbf{D}_2
\end{array}$$