$$\begin{array}{ccccc}
\sigma_1'' & \sigma_2'' & \sigma_{\mathcal{L}}'' \\
\downarrow & \downarrow & \downarrow & \ddots & \downarrow \\
\sigma_1' & \sigma_2' & \sigma_{\mathcal{L}}' & \sigma_{\mathcal{L}}'
\end{array}$$