

$$\begin{array}{ccccccc}
 I & \xrightarrow{\quad i \quad} & R \\
 \downarrow & & \downarrow \\
 I \otimes R[S^{-1}] & \longrightarrow \twoheadrightarrow I' & \longrightarrow R[S^{-1}] & \longleftarrow J(R[S^{-1}])
 \end{array}$$