

$$A(X)_{\overline{f}} \xrightarrow{\sim} A(X)[t]/(\overline{f}t - 1)$$

$$\begin{array}{ccc} \downarrow & & \downarrow \\ \mathcal{O}_{D(\overline{f})} & \xrightarrow{\sim} & \mathcal{O}_Y \end{array}$$