$$M \otimes \Omega_{k+1}(N) \xrightarrow{} M \otimes F_k(N)$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \downarrow$$

$$M^{++} \otimes \Omega_{k+1}(N) \xrightarrow{} M^{++} \otimes F_k(N)$$