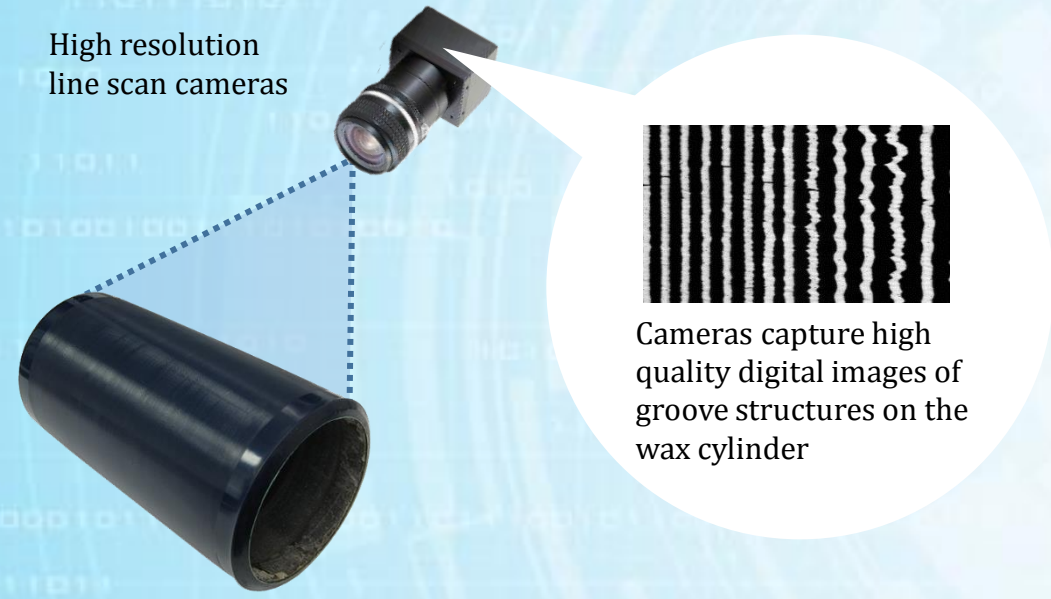


# Restoration of Audio Tracks: Groove Structure Analysis




Phonographic cylinder used for recording and reproducing sound in the 1800s.



A high resolution line scan camera is used to restore old audio tracks from the 1800s to DVD. The audio tracks are very fragile and extremely vulnerable to deterioration.

By using high resolution line scan cameras to visually analyze groove structures on the audio track, voice reconstruction can be accomplished, then burned onto DVD for permanent storage.

This restoration process can also be applied to restoring video images, documents, and vinyl discs.



The text block is accompanied by an image of an Edison Gold Moulded Records cylinder and a wax cylinder. The Edison cylinder is yellow with a red top and bottom, and the wax cylinder is black.