





From the Bureau of Standards
Charters of Freedom Photographic Collection
NIST Information Services Office





In 1951 the National Bureau of Standards (NBS) built a helium-filled glass and metal case to preserve the Declaration of Independence - one of three cases built to protect the Charters of Freedom. NBS also built cases for the Bill of Rights and the Constitution. In this image E. Carroll Creitz is shown connecting an ammeter to the case. In an oral history Creitz revealed he wore a surgeon's gown because there were no lab coats to wear for the photo opportunity. To see more historic NIST images visit www.nist.gov/digitalarchives.

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This image shows an electronic stepmeter created at the National Bureau of Standards (NBS) to measure three components of force produced between the foot and the floor in normal walking. The data obtained was used in the development of instruments and methods for measuring the slipperiness of walkway surfaces. The goal of this research was to reduce slip and fall injuries. To see more historic NIST images visit www.nist.gov/digitalarchives.

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