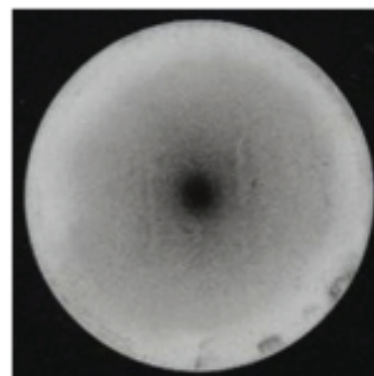


Title	Uniform Aerosol Deposit Sampling Device			
Abstract	In response to the direct reading measurement design on sampling media, enhances the dust distribution more even on the filter.			
Description	<ol style="list-style-type: none"> 1. This filter holder associated with aluminum or nylon respirable dust samplers will enhance the fine particles distribution more even on the filter and more precisely results of the dust-on-filter XRD analysis. 2. The uniformity of air flow diversion leads to even distribution of dust sampling and enhance the performance of particle counting and concentration calculation. 			
Applicable Targets	The dust sampling of airborne hazardous substances in workplace			
Remark	Seek for technology transfer vendor.			
Patent Status	Approved by	Type	Patent No.	Filed
	U.S.	Invention	7582146B2	2006/9/22
	R.O.C.	Invention	I322886	2006/9/22

Discription & Figures



◀ The appearance and size of the uniform aerosol deposit sampling device (compared with a NTD\$10 coin)



▲ Uniformity comparison of dust sampling on filters
 (right : by traditional way ; left : by uniform aerosol deposit sampling device)