

The aspherical plastic pickup lens that helped birth a ¥1 trillion industry

Registration No.	Number 00321		
Registration Date	September 14, 2021	Registration Category	Category 1

Name (Model, etc.)	Aspherical plastic lens for compact disc player		
Location	Hachioji-shi, Tokyo		
	KONICA MINOLTA WITH YOU, Inc		
Owner (Custodian)	KONICA MINOLTA WITH YOU, Inc		
Manufacturer (Company)	KONISHIROKU PHOTO INDUSTRY CO., LTD. (now KONICA MINOLTA, INC.)		
Year Manufactured	1984		
Year first appeared	1984		
Reason For Selection	This is the first ever ultra-high precision aspherical plastic lens developed for compact disc players. Boasting a hitherto unheard-of two-sided aspherical configuration and manufactured to a dimensional accuracy of within 0.1 micron, this revolutionary product easily met the performance requirements of a compact disc pickup objective lens despite consisting of just a single lens. Subsequently employed in both DVD and BD players, the aspherical plastic lens played a major role in the success of the optical disc industry.		
Registration Standard	1-A (Show an important aspect or stage of the development of science and technology.)		

Open/Closed to Public	Closed to Public
Photo	
Other useful information	