


Registration No.	Number 00063		
Registration Date	October 6, 2010	Registration Category	Category 1

Name (Model, etc.)	Trinitron color TV KV-1310		
Location	Shinagawa City, Tokyo Metropolis		
	Sony Archives, Sony Corporation		
Owner (Custodian)	Sony Corporation		
Manufacturer (Company)	Sony Corporation		
Year Manufactured	1968		
Reason For Selection	<p>The high demand for colored CRTs that had brighter displays and better focus and contrast led to many trials that resulted in the development of various kinds of TV picture tubes. GE developed shadow mask technology, which used three electron guns aligned in an inline configuration. In this method, convergence was easily done but focusing became inferior. To overcome this problem, Sony Corporation used a single-electron-gun-three-beam system and replaced the shadow mask with an aperture grille. This was achieved based on the fact which Sony Corporation engineers ascertained, that is, even when three beams cross over at a center of main lens of single electron gun, each beam shows a good focus on the phosphor screen. This technology gained worldwide attention and in 1973 won an Emmy Award. As of the end of March 2008, it recorded sale of 280 million television sets.</p>		
Registration Standard	1 - B		

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Other useful information			