

ABSTRACT

IMAGE PICK-UP LENS, IMAGE PICK-UP UNIT, AND MOBILE TERMINAL
PROVIDED WITH THIS IMAGE PICK-UP UNIT

An image pickup lens includes in order from an object side of the image pickup lens: a first lens having positive refractive power whose convex surface faces the object side of the image pickup lens; an aperture stop; a second lens having positive refractive power whose convex surface faces an image side of the image pickup lens; and a meniscus shaped third lens having negative refractive power whose concave surface faces the image side of the image pickup lens, wherein the image pickup lens satisfies the following conditional expressions:

$$0.8 < f_1/f < 2.0 \quad (1)$$

$$20 < ((v_1 + v_2)/2) - v_3 < 70 \quad (2)$$

where f_1 is a focal length of the first lens, f is a focal length of a total system of the image pickup lens, and v_1 , v_2 and v_3 are the Abbe constants of the first to third lenses respectively.