function mask = refinedMask2(imgSet,index)

currName = imgSet.ImageLocation{index};

tmpImg = imread(currName);

mask = segmentImageFcn(tmpImg);

mask = imfill(bwareaopen(mask,30),'holes');

tmpImg = imhmin(rgb2gray(tmpImg),13);

tmpImg = watershed(tmpImg);

tmpImg = tmpImg == 0;

tmpImg = bwareaopen(tmpImg,200,8);

mask(tmpImg) = 0;