

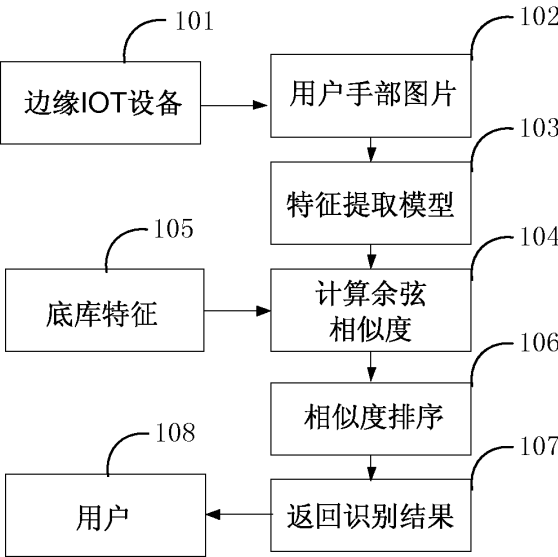


图 1

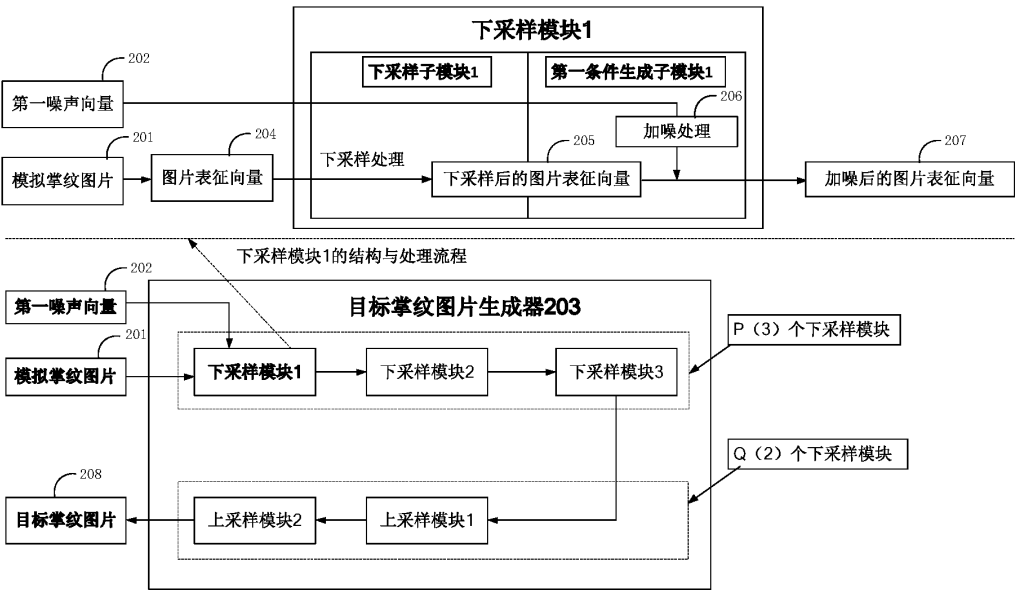


图 2

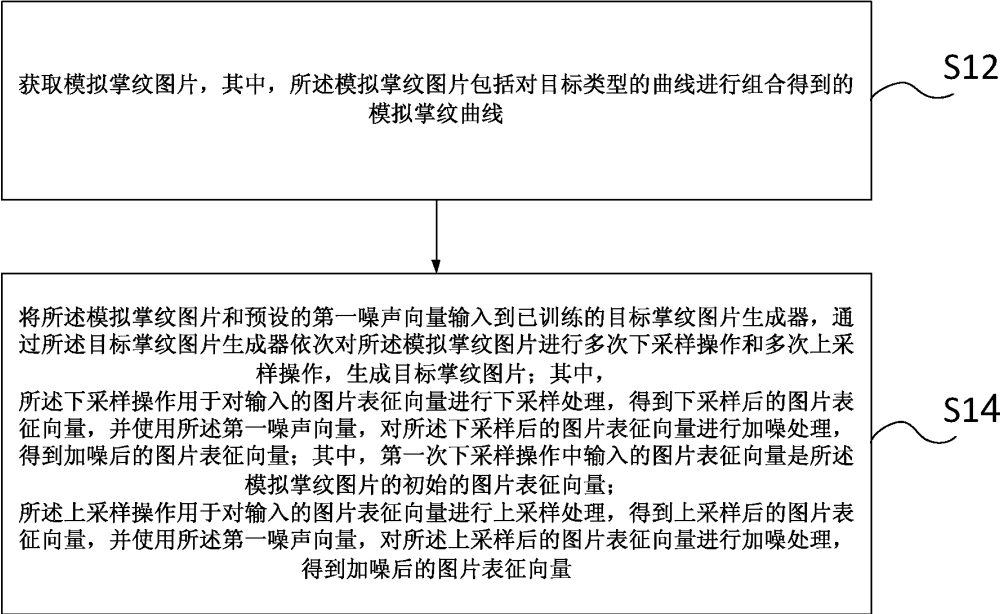
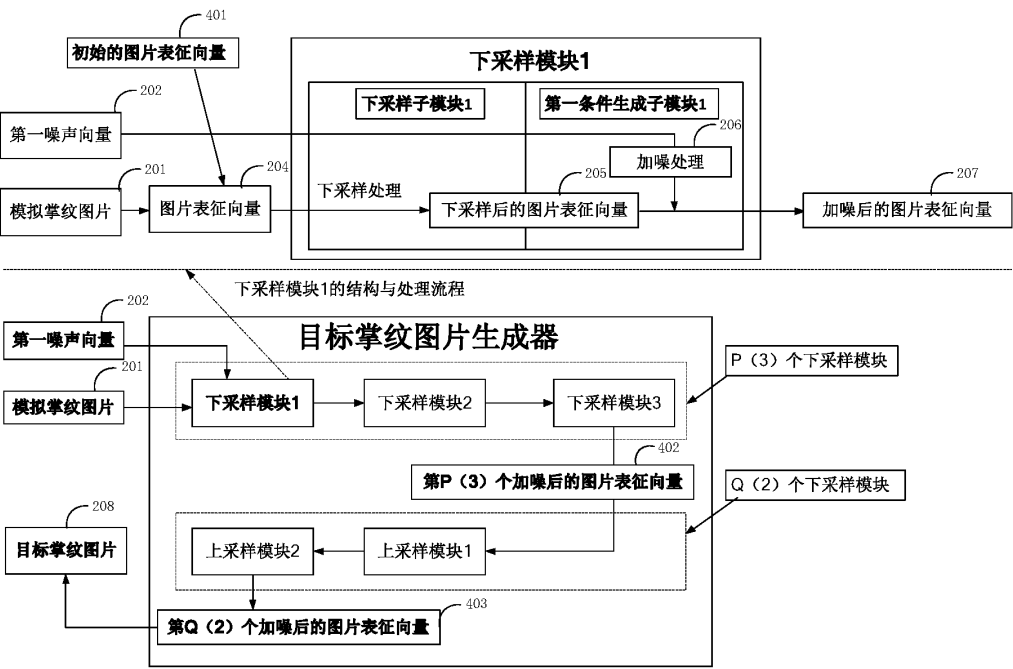


图 3



3/16

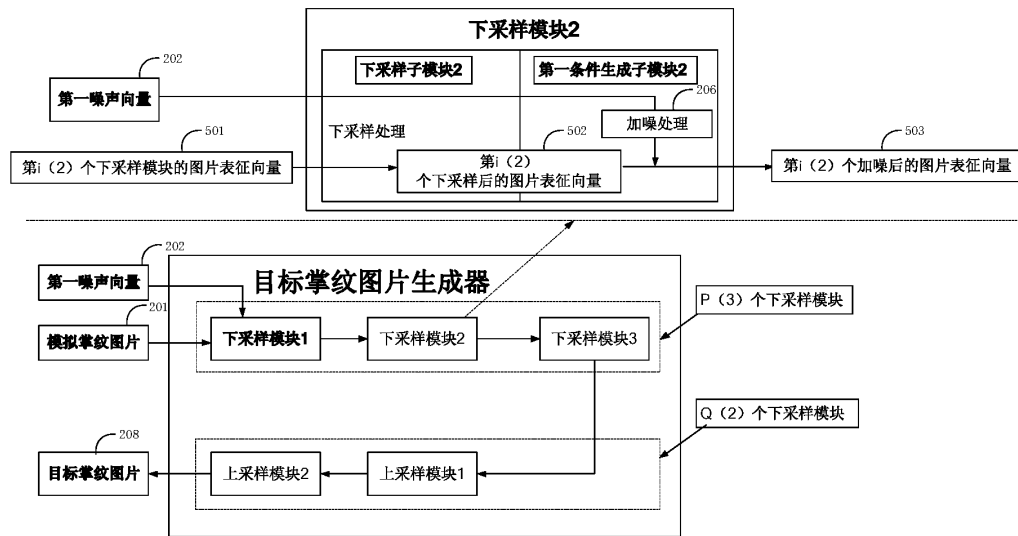


图 5

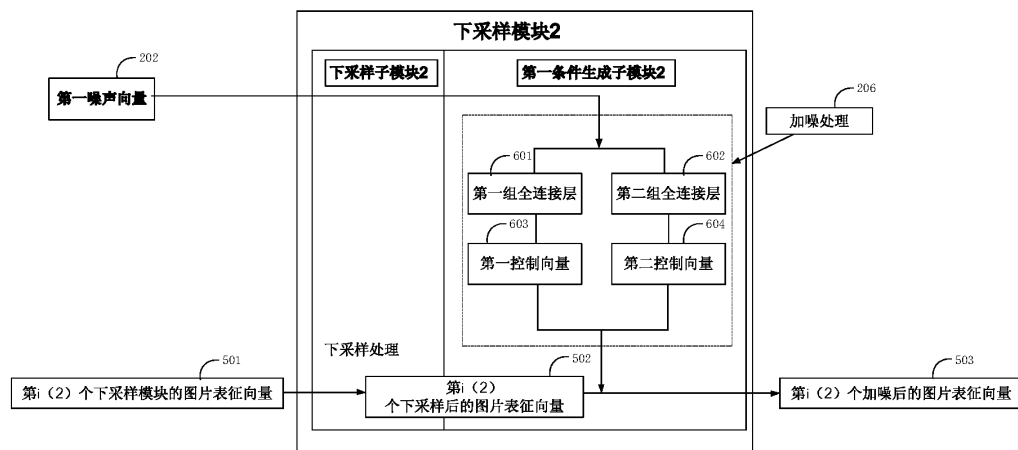


图 6

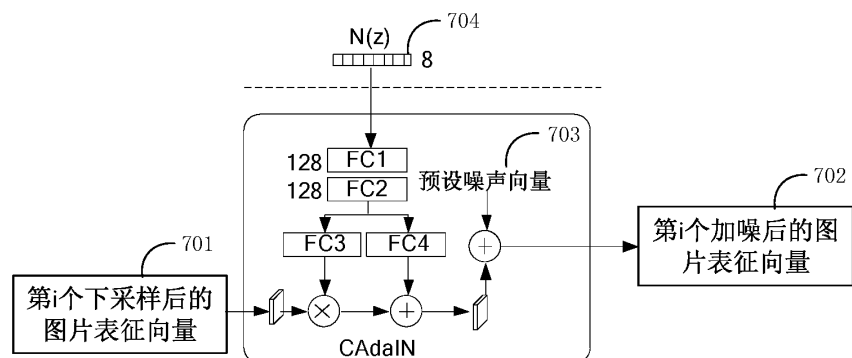


图 7

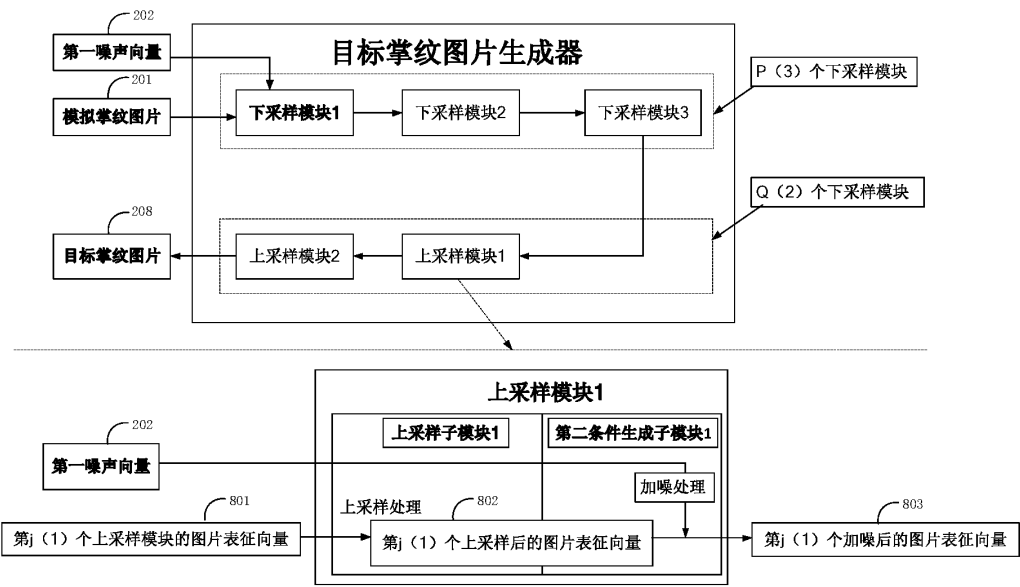


图 8

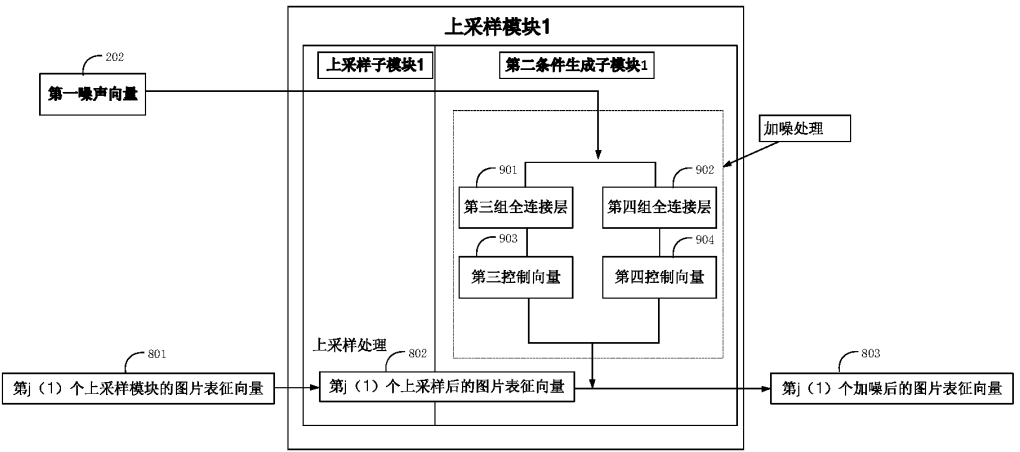


图 9

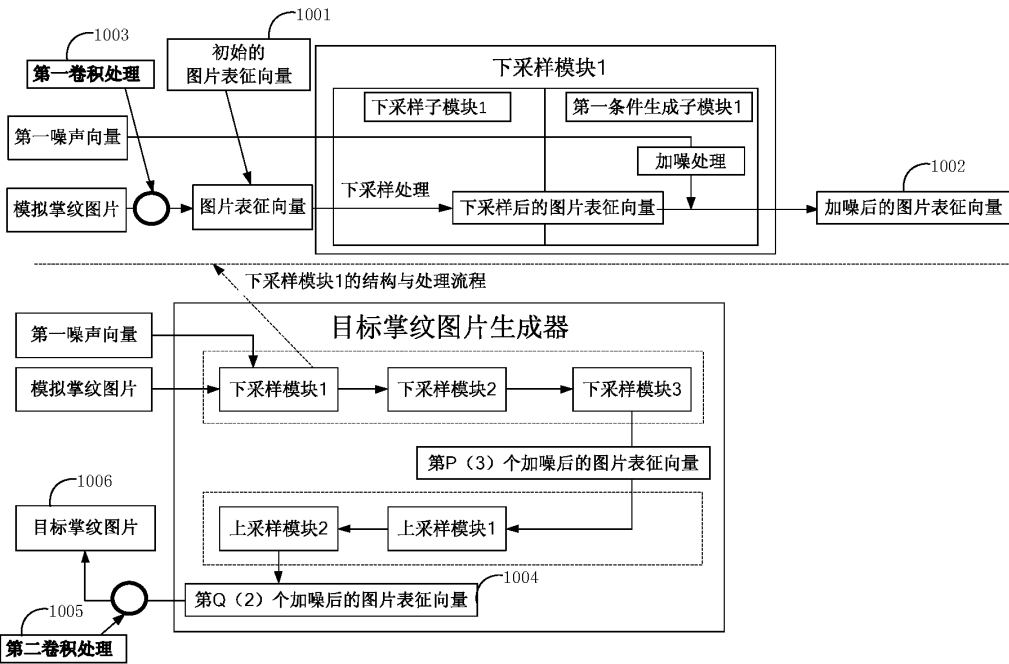


图 10

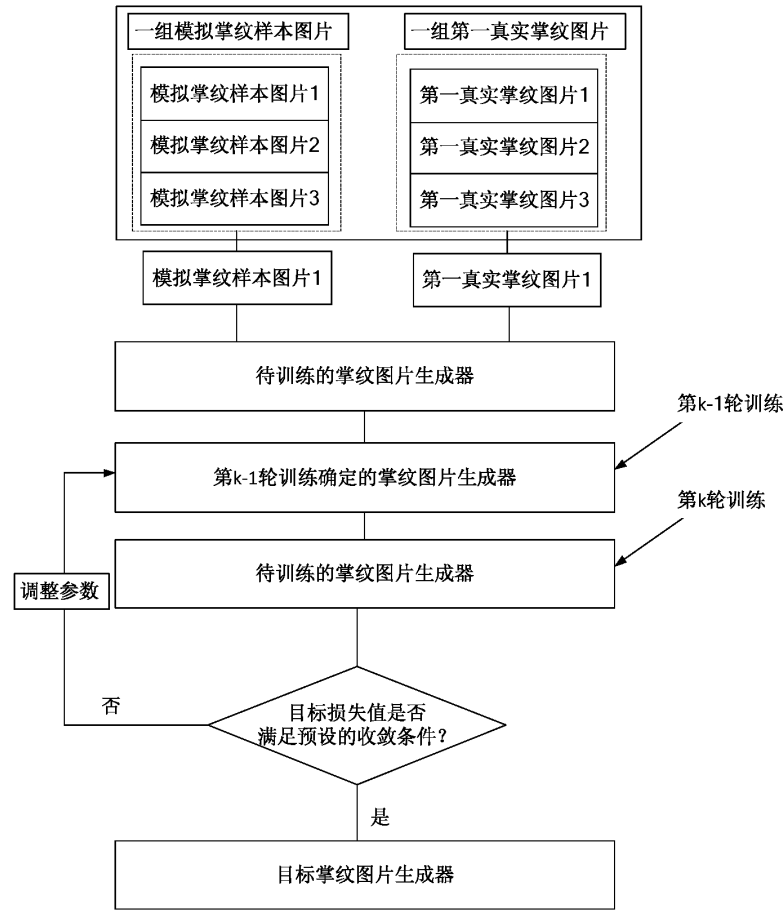


图 11

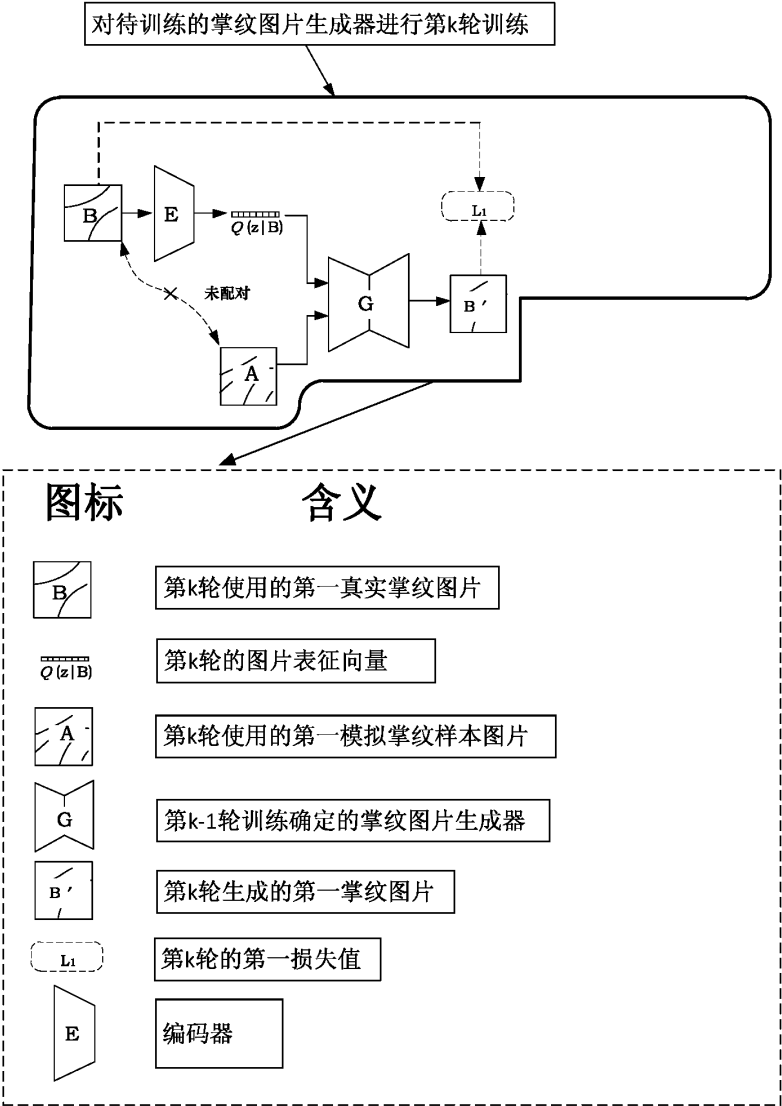


图 12

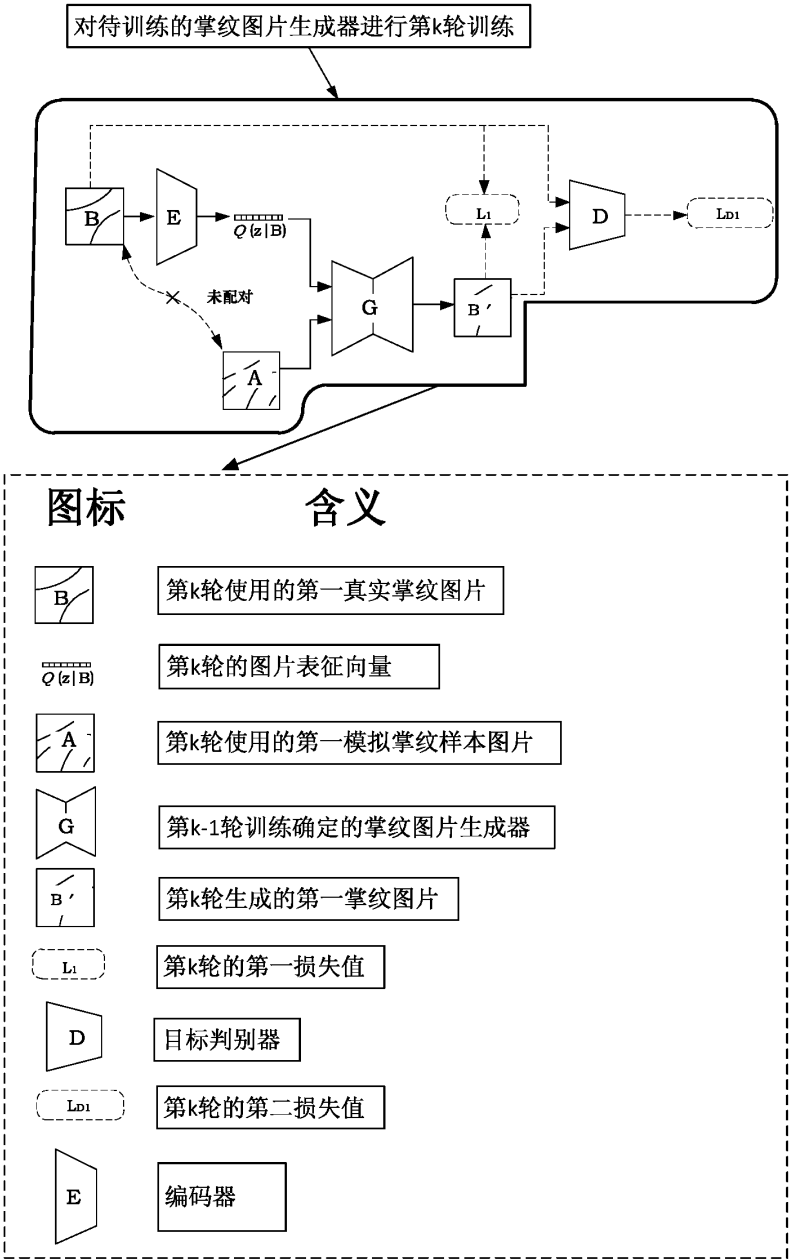
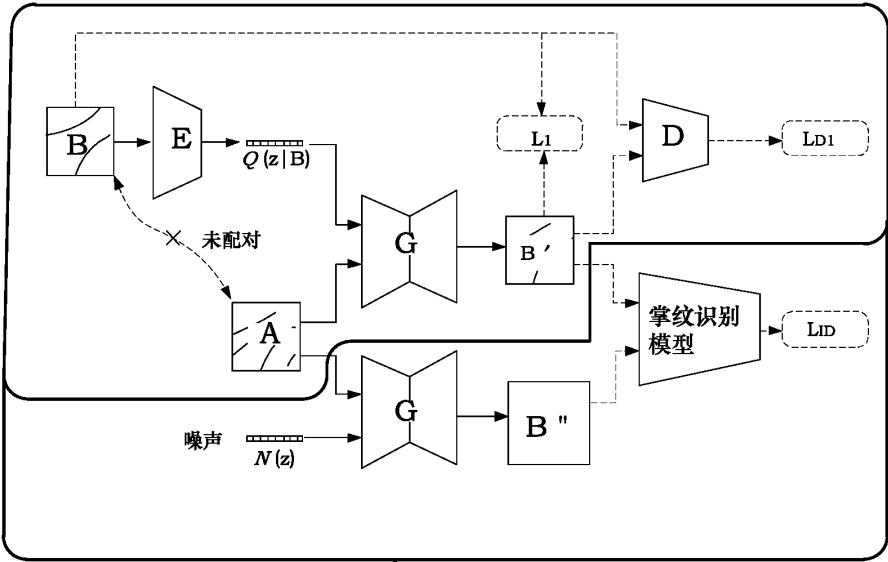


图 13



图标	含义	图标	含义
	第k轮使用的第一真实掌纹图片		第k轮的噪声向量
	第k轮的图片表征向量		第k轮生成的第二掌纹图片
	第k轮使用的第一模拟掌纹样本图片		第k轮的第三损失值
	第k-1轮训练确定的掌纹图片生成器		
	第k轮生成的第一掌纹图片		
	第k轮的第一损失值		
	目标判别器		
	第k轮的第二损失值		
	编码器		

图 14

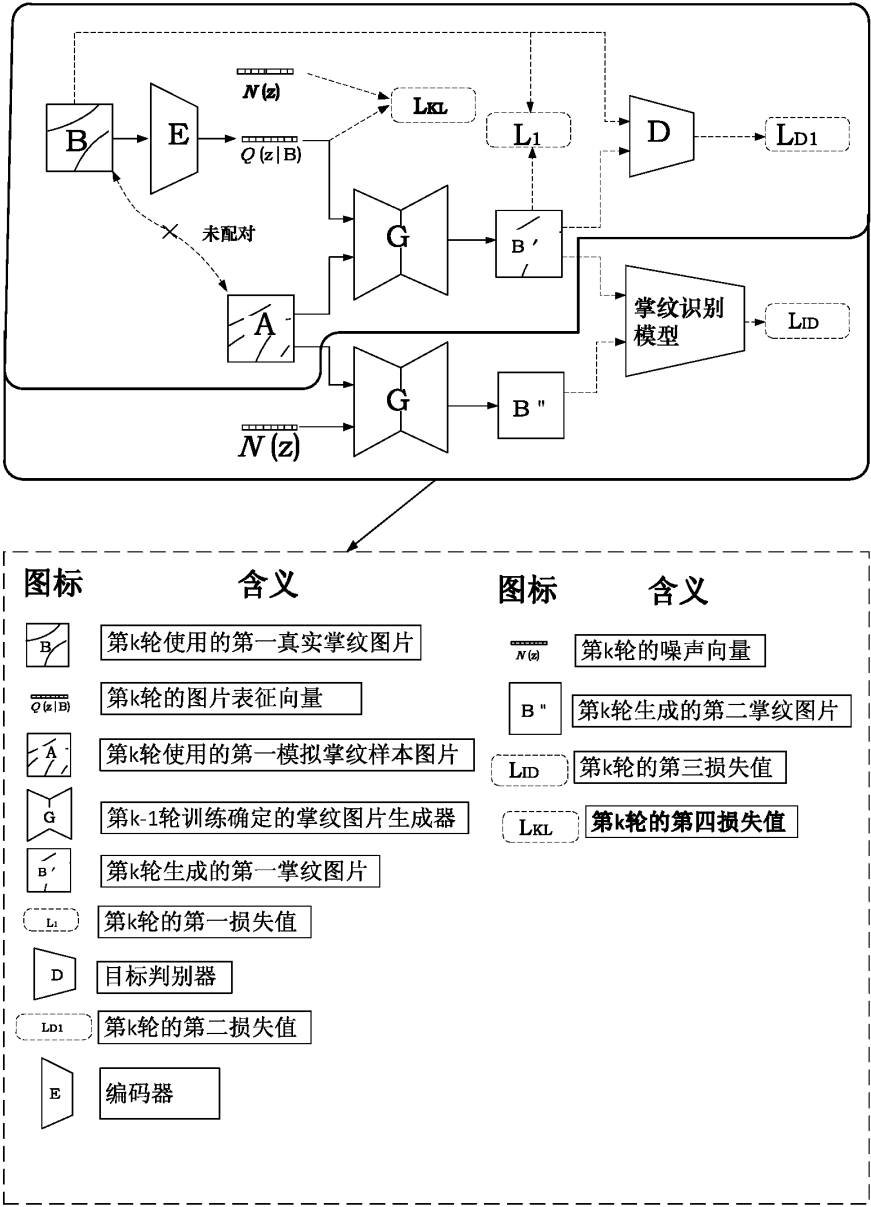


图 15

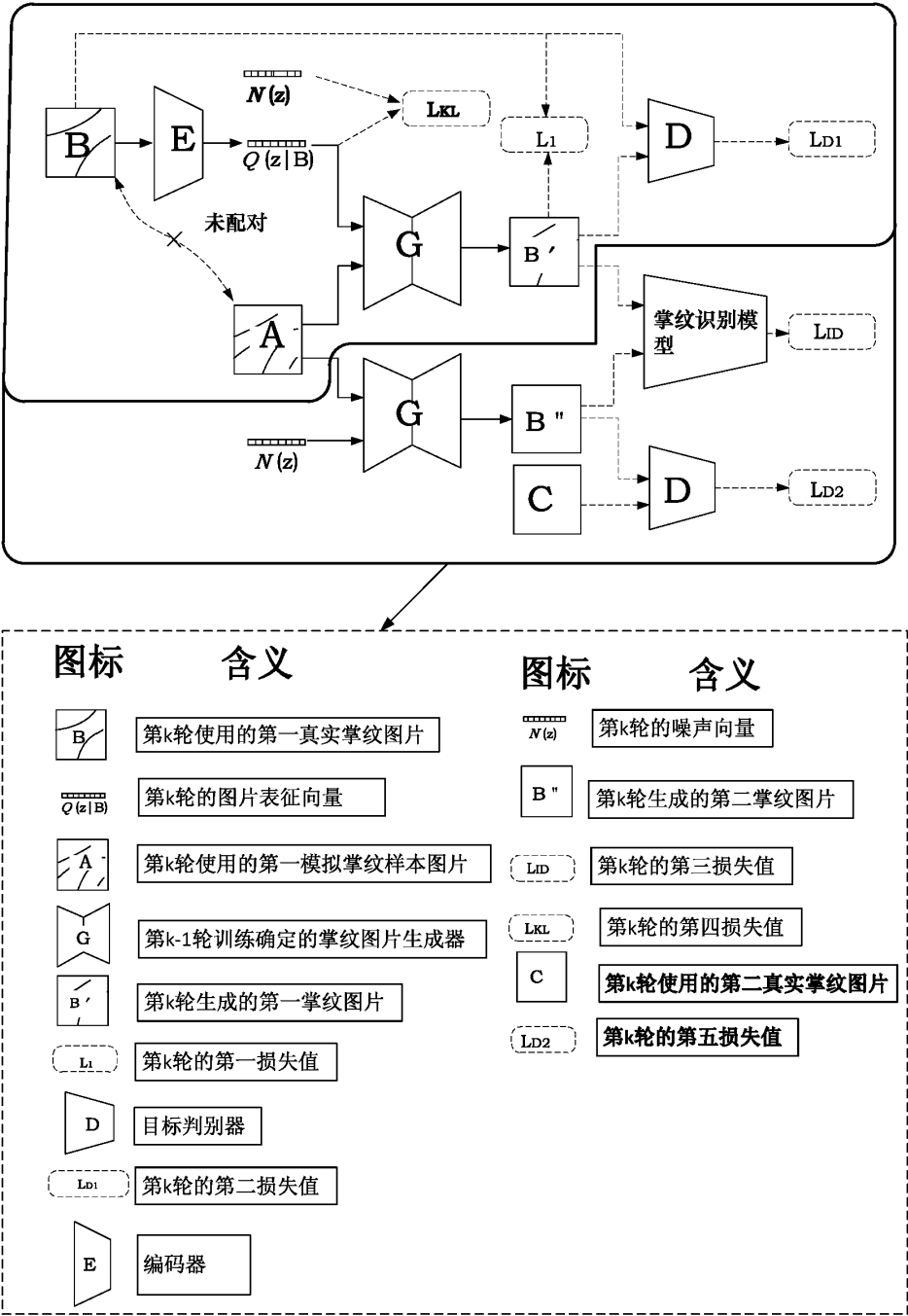


图 16

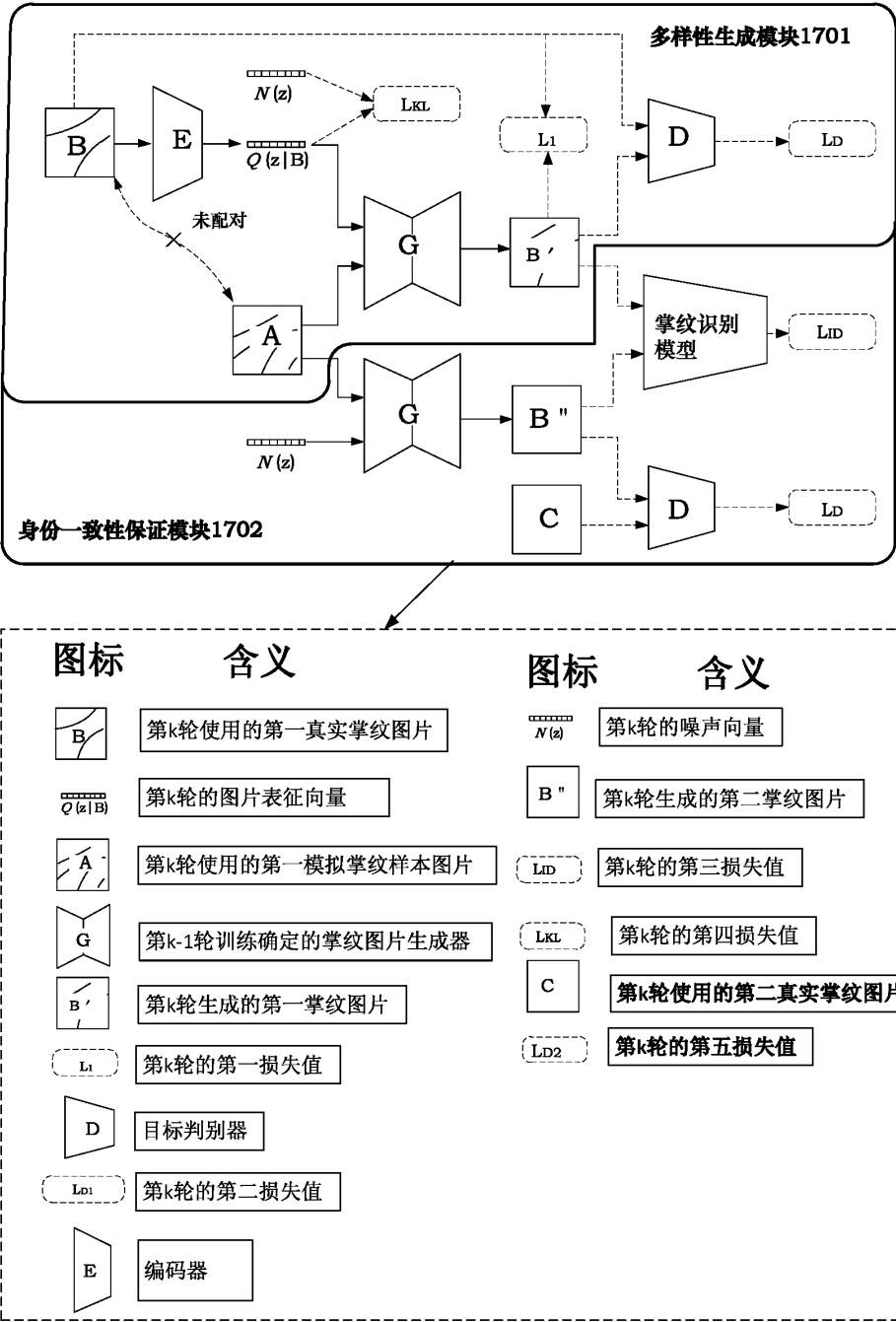


图 17

13/16

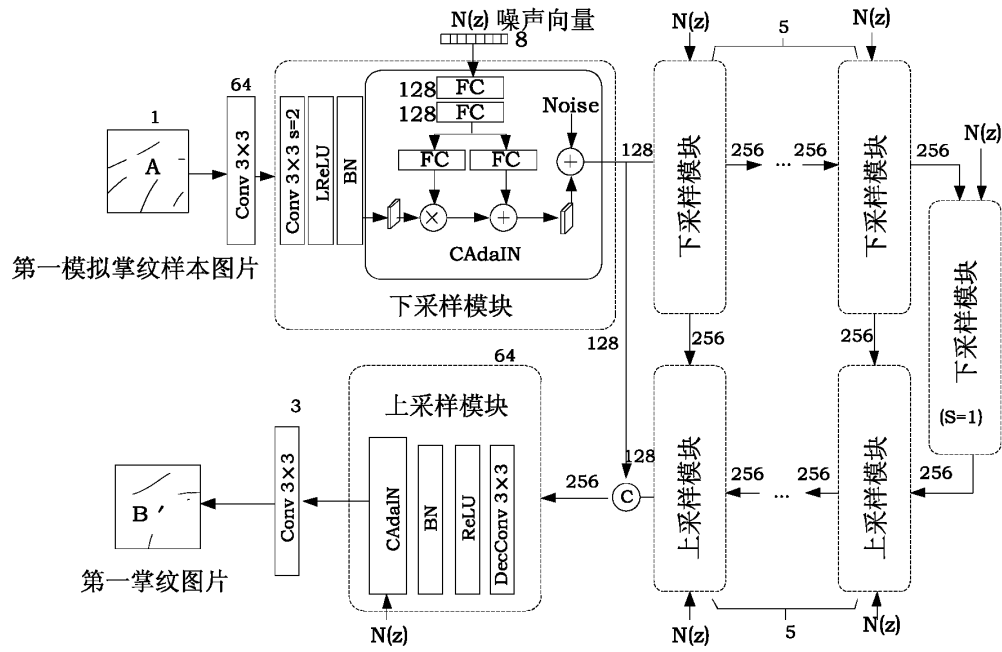


图 18

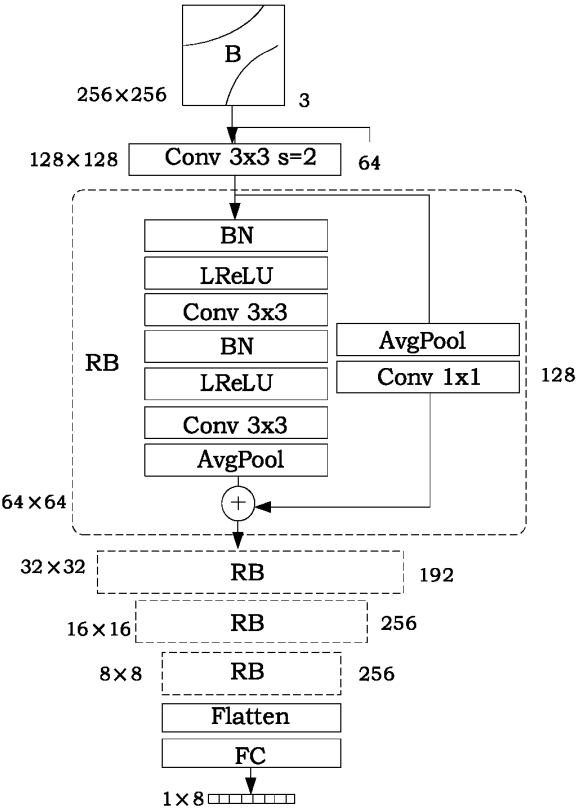


图 19

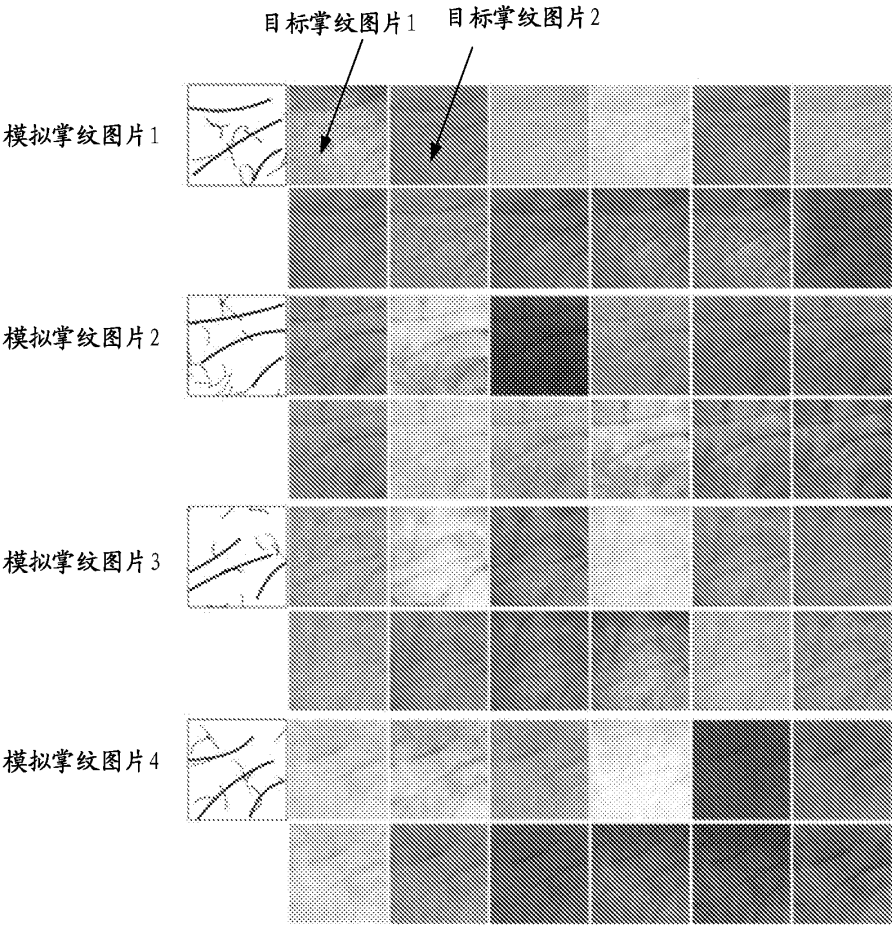


图 20

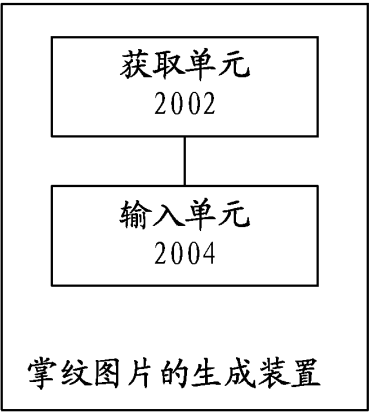


图 21

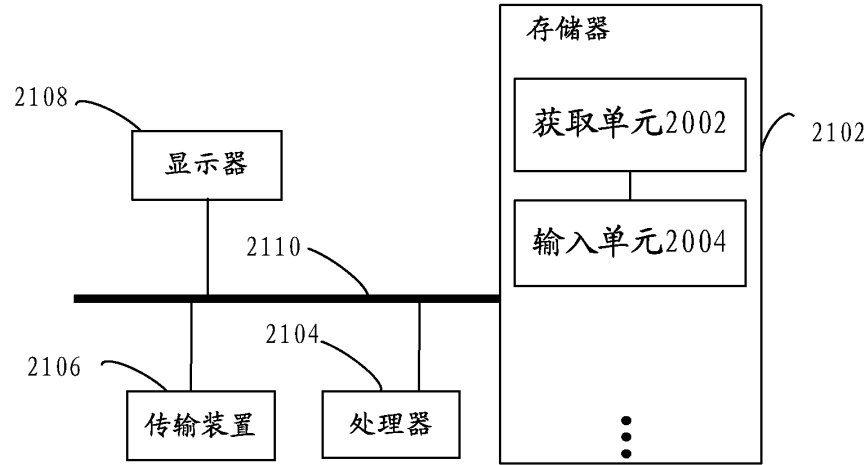


图 22

2200

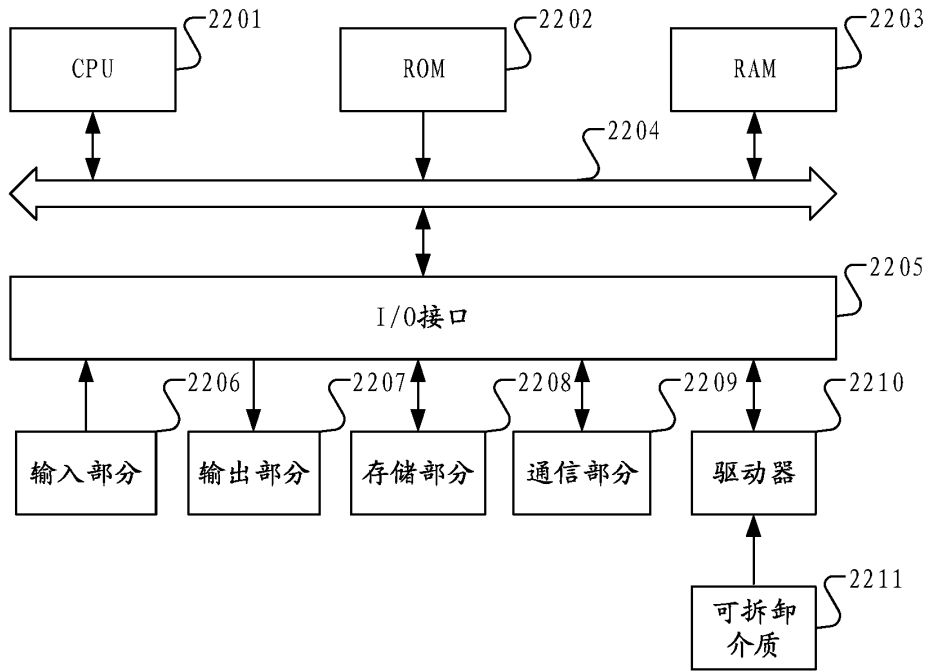


图 23