

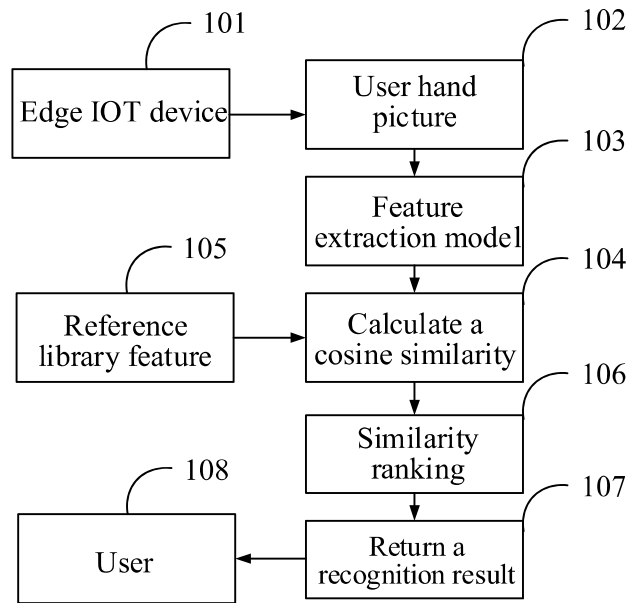


FIG. 1

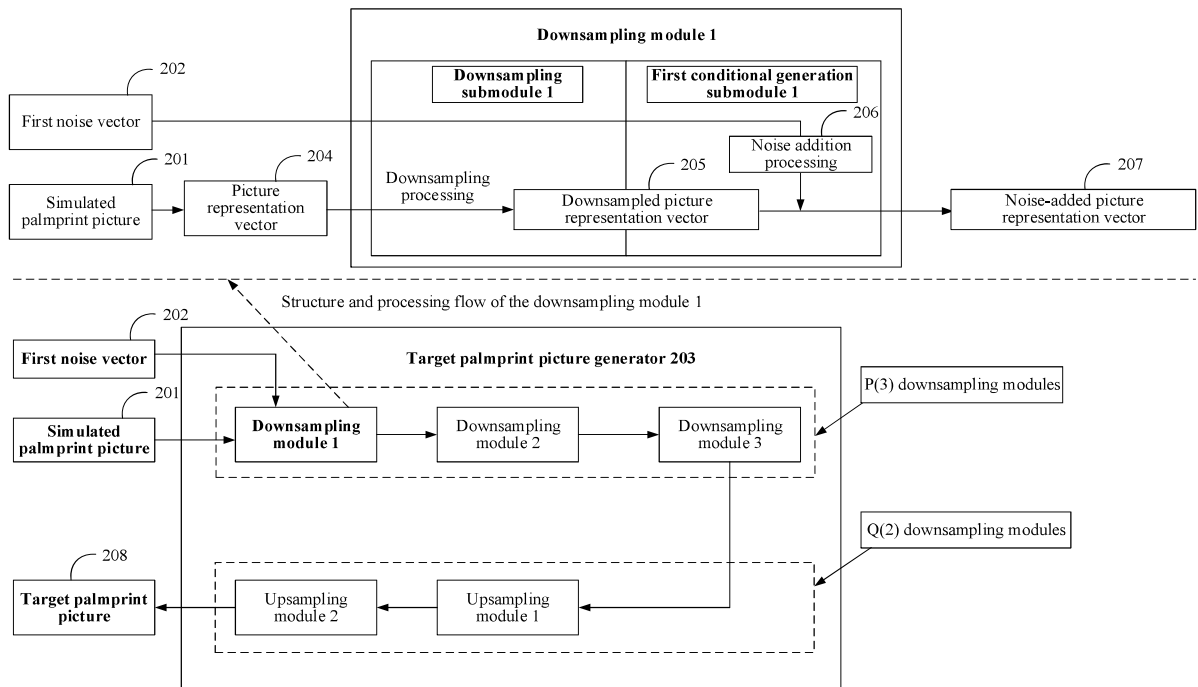


FIG. 2

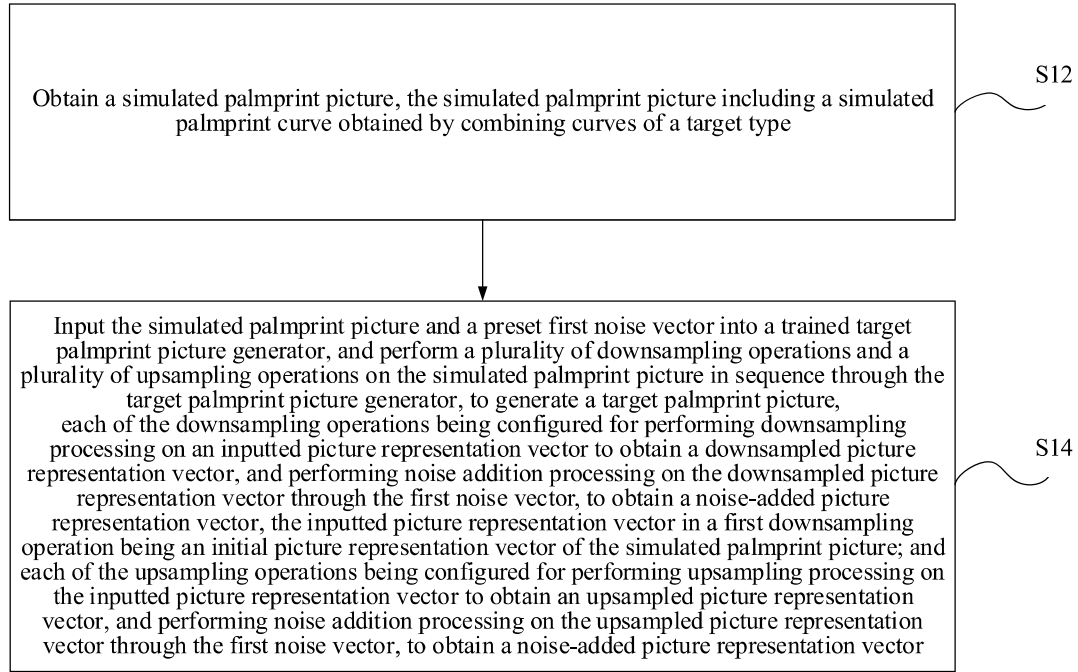


FIG. 3

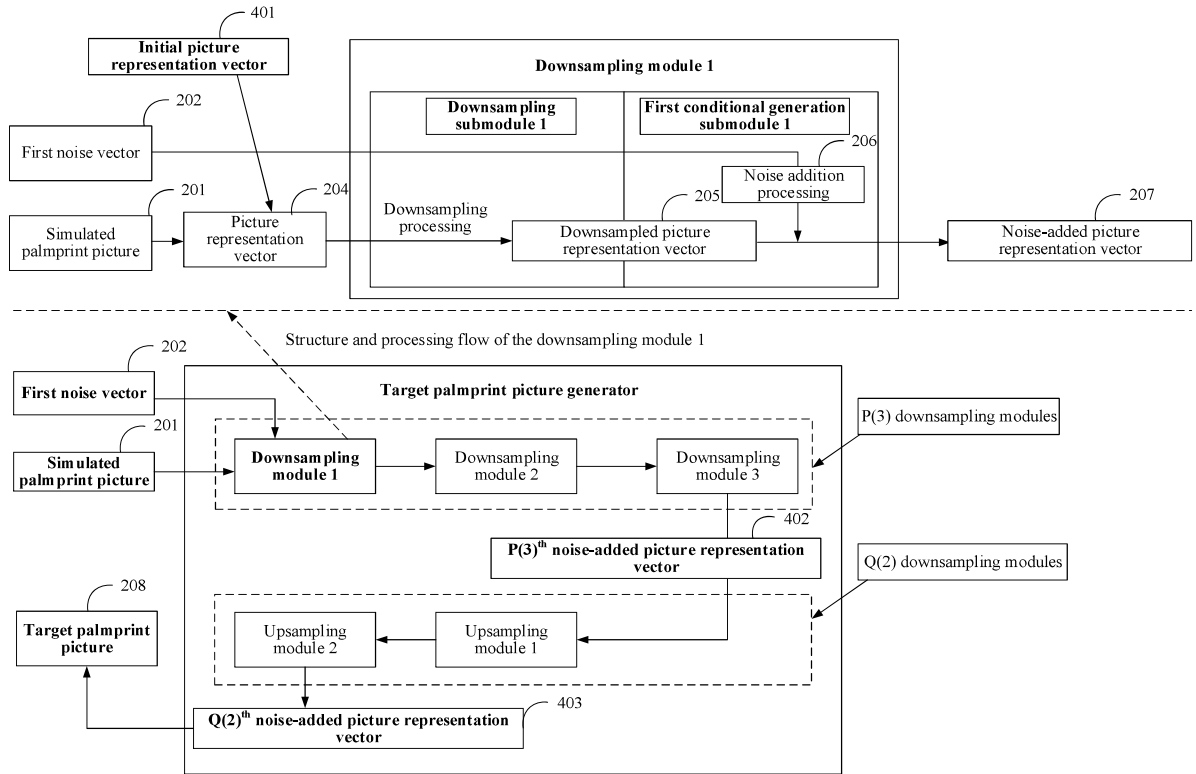


FIG. 4

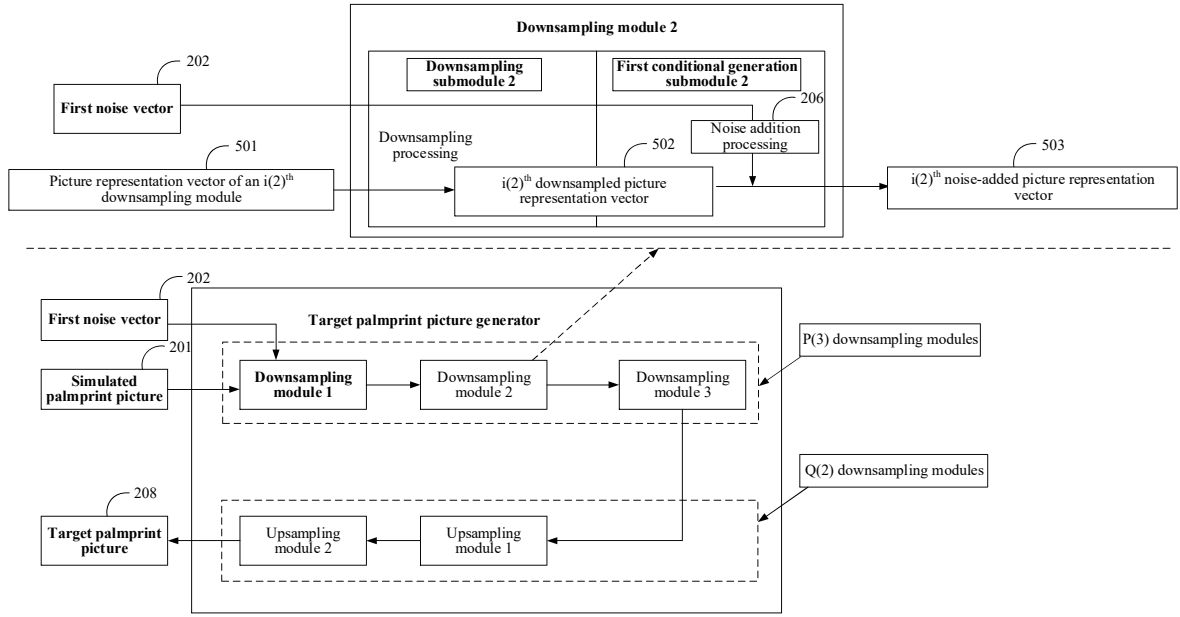


FIG. 5

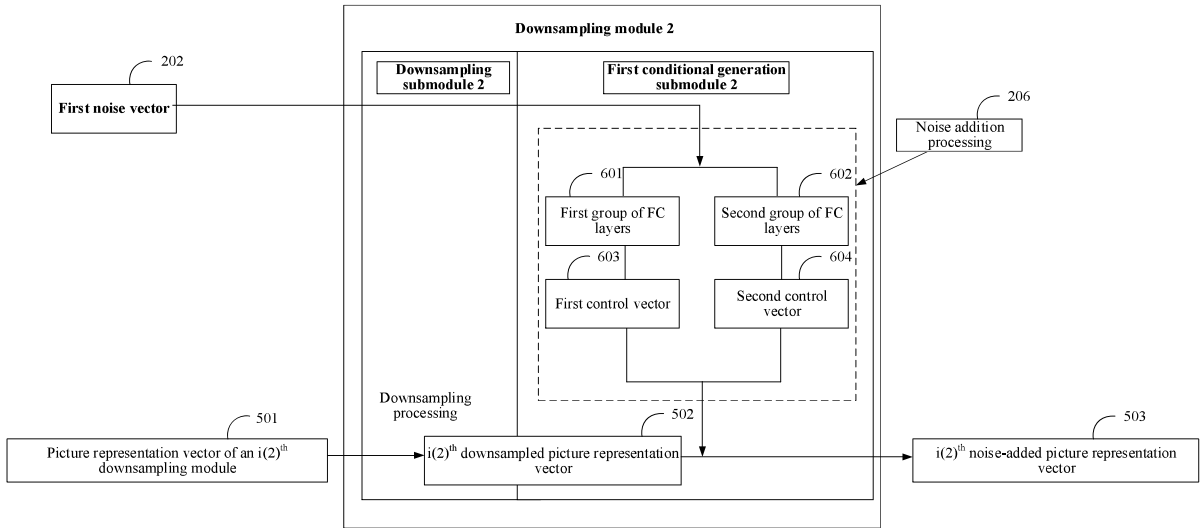


FIG. 6

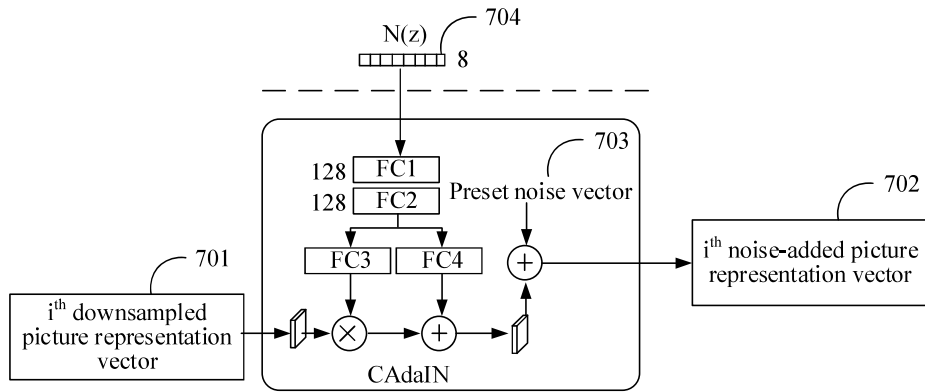


FIG. 7

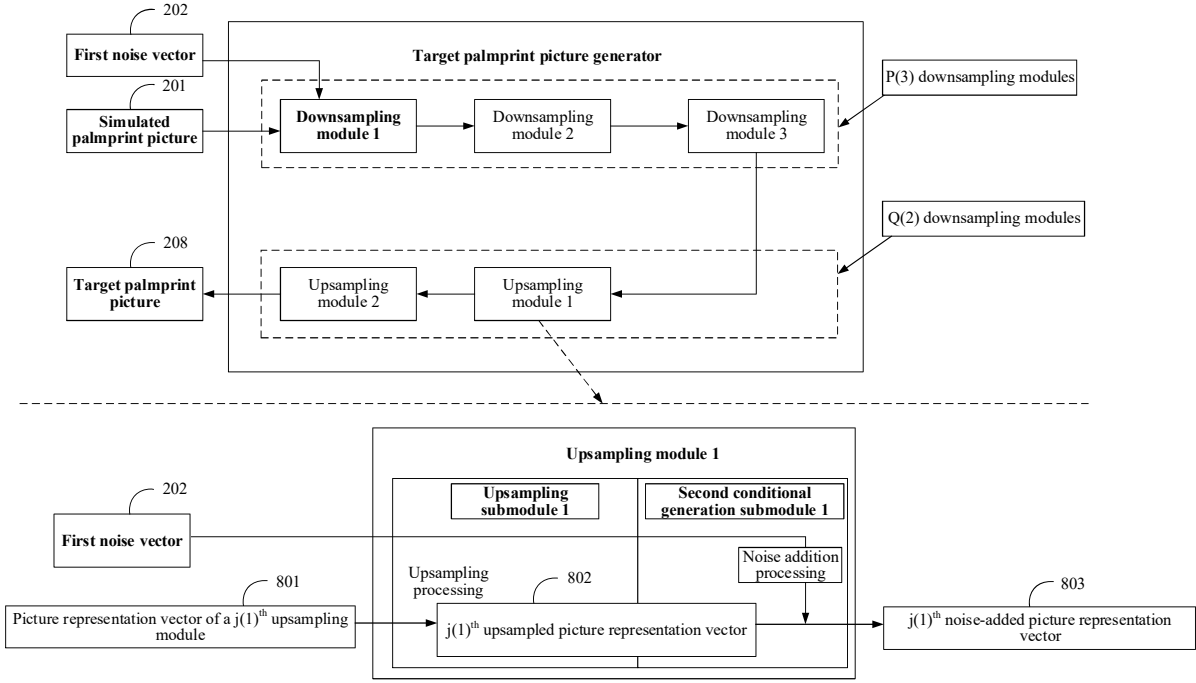


FIG. 8

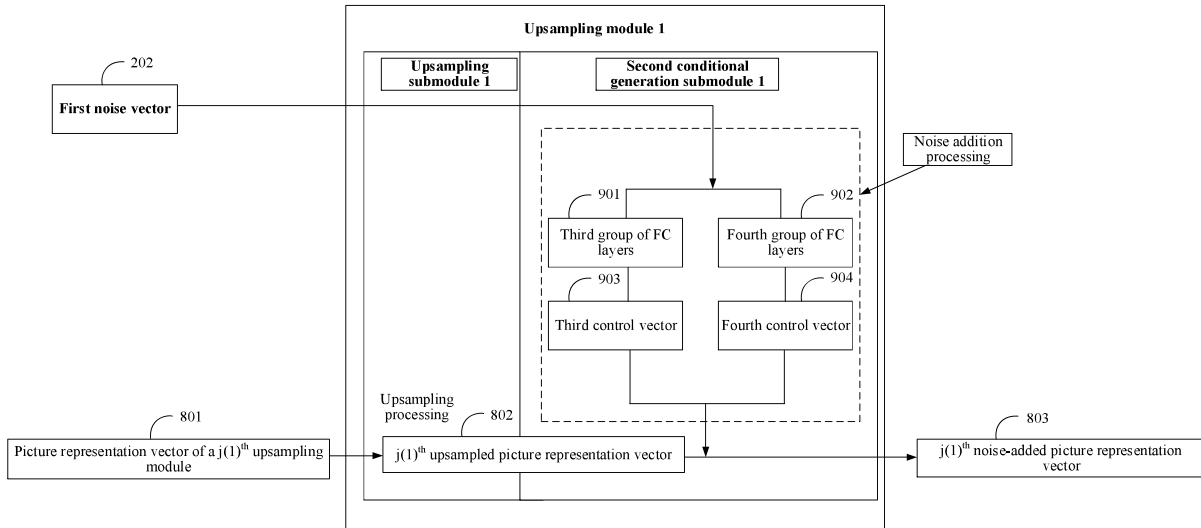


FIG. 9

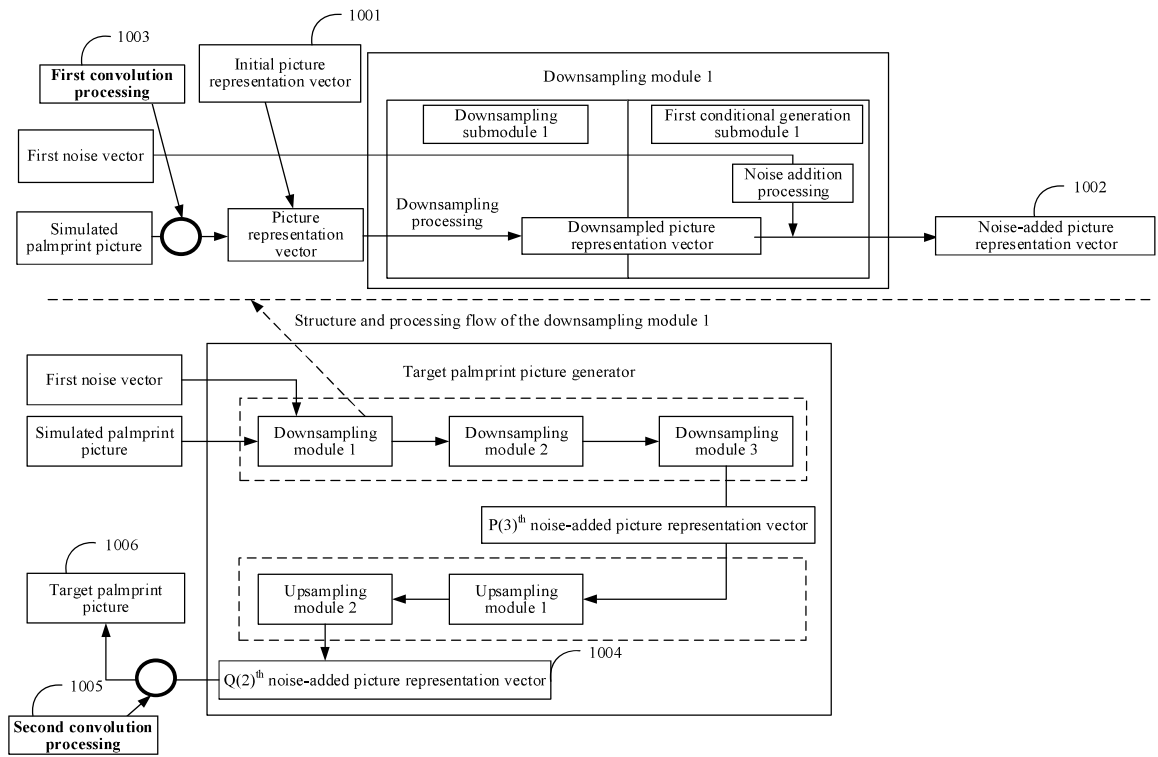


FIG. 10

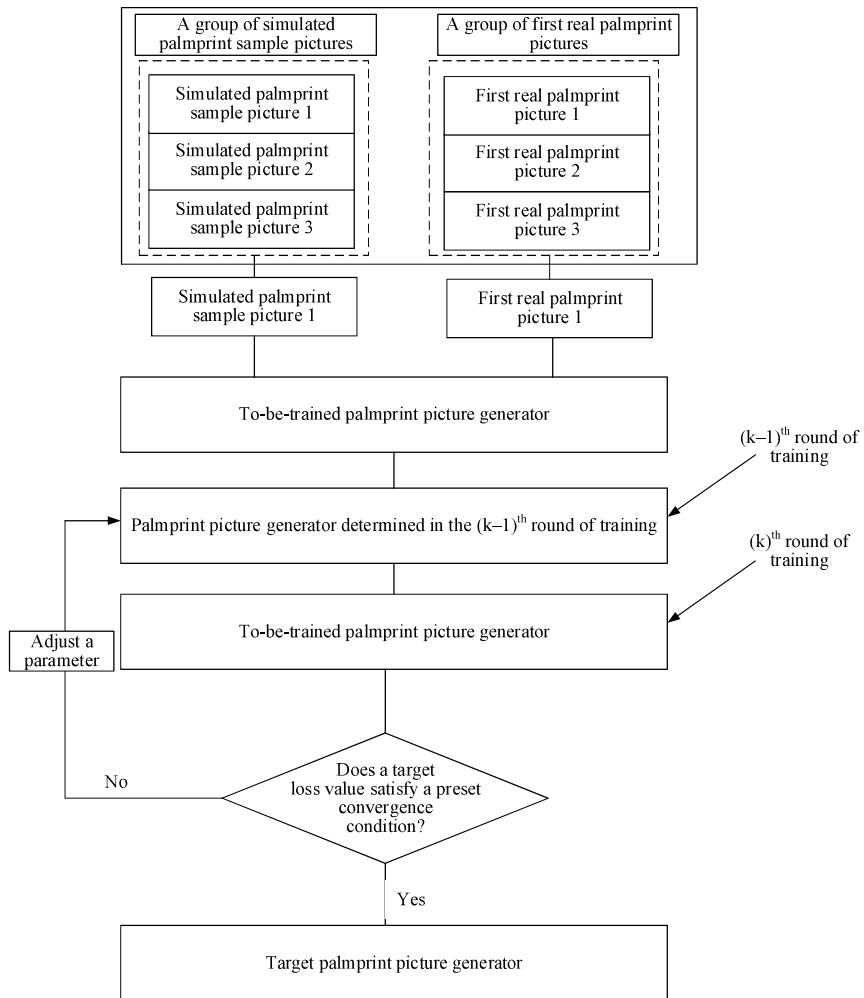


FIG. 11

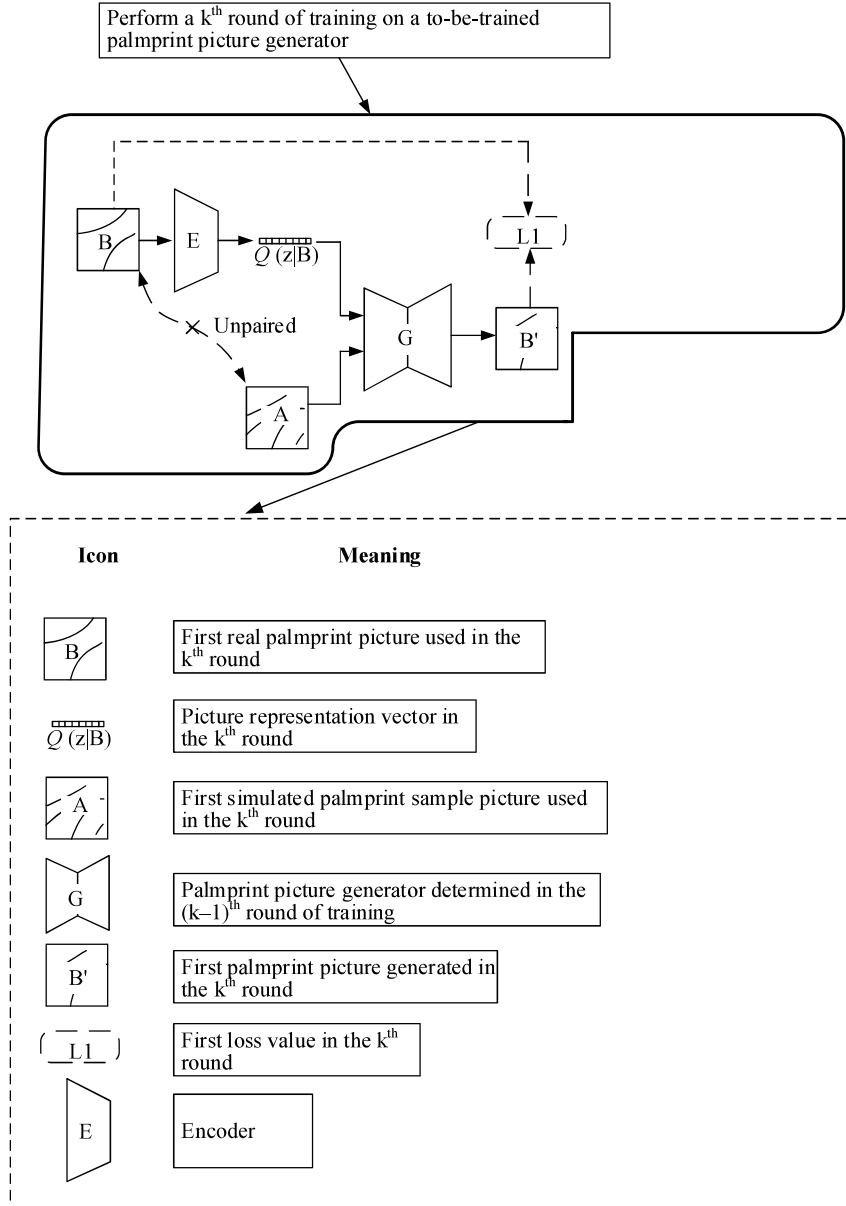


FIG. 12

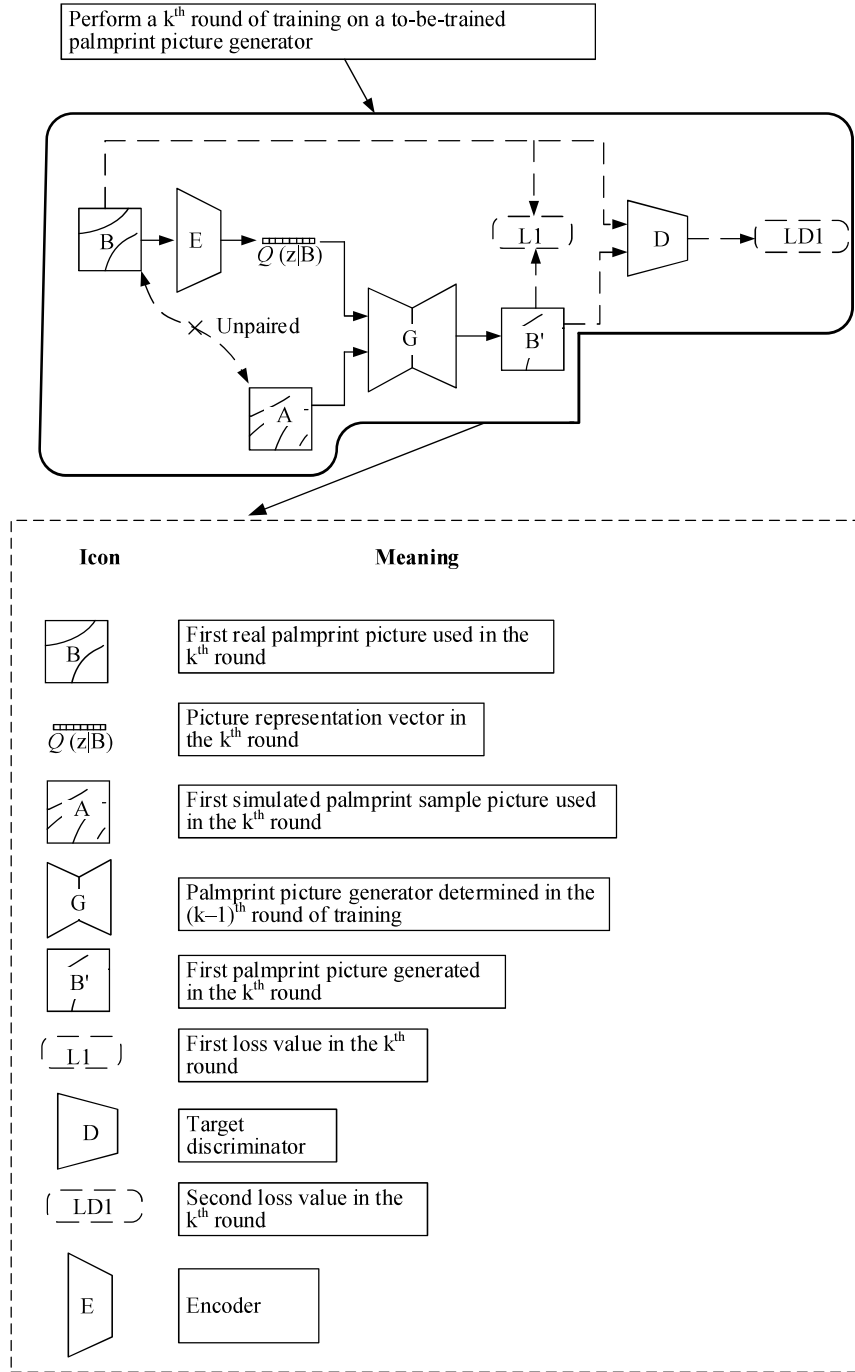
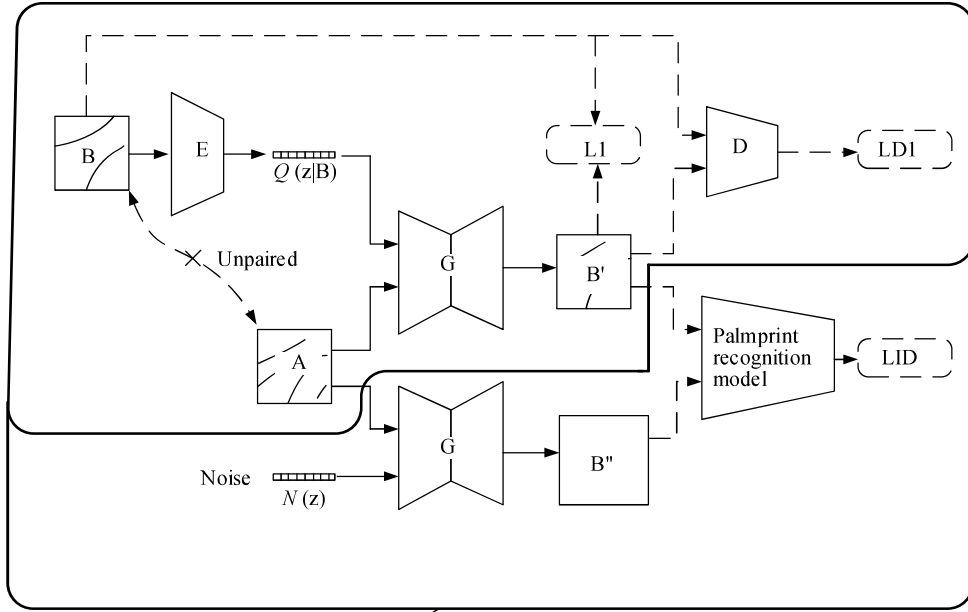


FIG. 13



Icon	Meaning	Icon	Meaning
	First real palmprint picture used in the k^{th} round		Noise vector in the k^{th} round
	Picture representation vector in the k^{th} round		Second palmprint picture generated in the k^{th} round
	First simulated palmprint sample picture used in the k^{th} round		Third loss value in the k^{th} round
	Palmprint picture generator determined in the $(k-1)^{\text{th}}$ round of training		
	First palmprint picture generated in the k^{th} round		
	First loss value in the k^{th} round		
	Target discriminator		
	Second loss value in the k^{th} round		
	Encoder		

FIG. 14

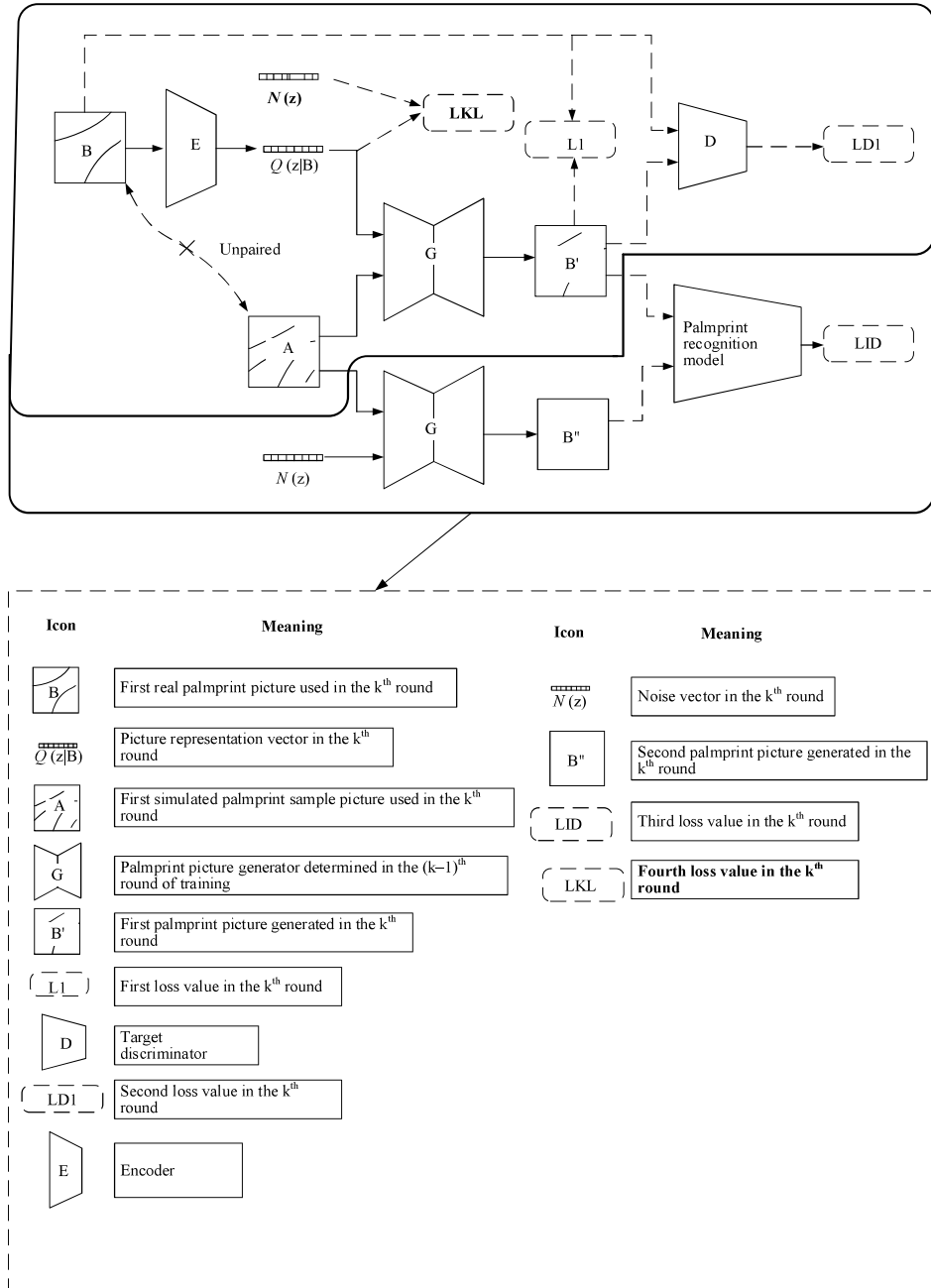
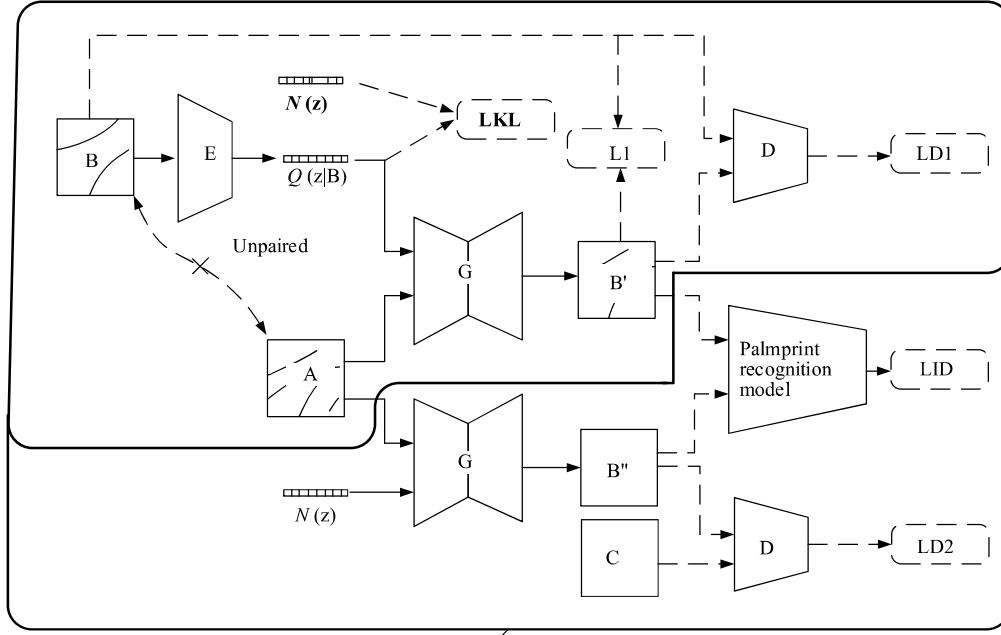
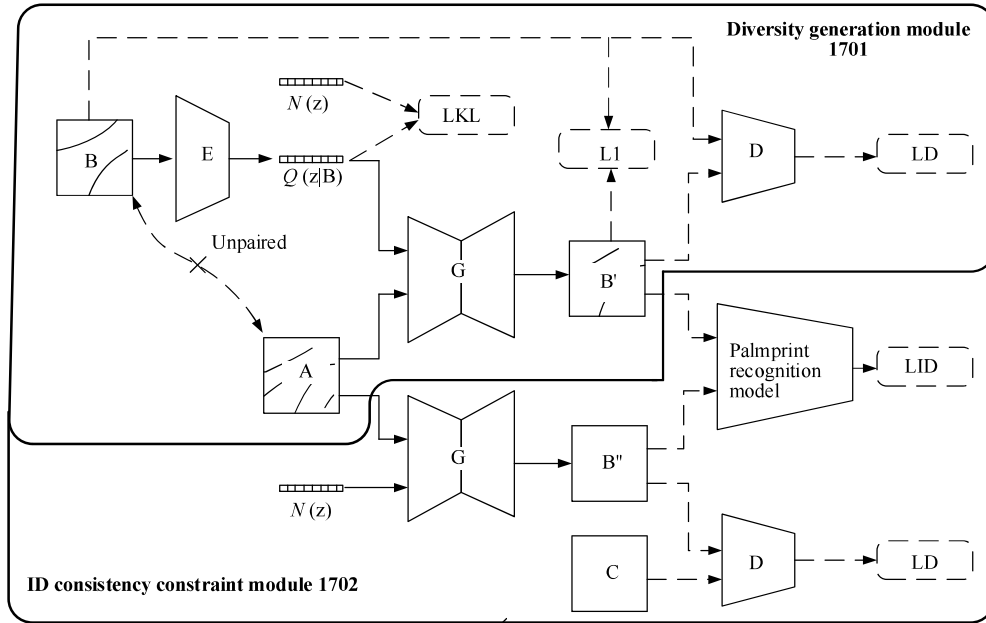


FIG. 15



Icon	Meaning	Icon	Meaning
	First real palmprint picture used in the k^{th} round		Noise vector in the k^{th} round
	Picture representation vector in the k^{th} round		Second palmprint picture generated in the k^{th} round
	First simulated palmprint sample picture used in the k^{th} round		Third loss value in the k^{th} round
	Palmprint picture generator determined in the $(k-1)^{th}$ round of training		Fourth loss value in the k^{th} round
	First palmprint picture generated in the k^{th} round		Second real palmprint picture used in the k^{th} round
	First loss value in the k^{th} round		Fifth loss value in the k^{th} round
	Target discriminator		
	Second loss value in the k^{th} round		
	Encoder		

FIG. 16



Icon	Meaning	Icon	Meaning
	First real palmprint picture used in the k^{th} round		Noise vector in the k^{th} round
	Picture representation vector in the k^{th} round		Second palmprint picture generated in the k^{th} round
	First simulated palmprint sample picture used in the k^{th} round		Third loss value in the k^{th} round
	Palmprint picture generator determined in the $(k-1)^{\text{th}}$ round of training		Fourth loss value in the k^{th} round
	First palmprint picture generated in the k^{th} round		Second real palmprint picture used in the k^{th} round
	First loss value in the k^{th} round		Fifth loss value in the k^{th} round
	Target discriminator		
	Second loss value in the k^{th} round		
	Encoder		

FIG. 17



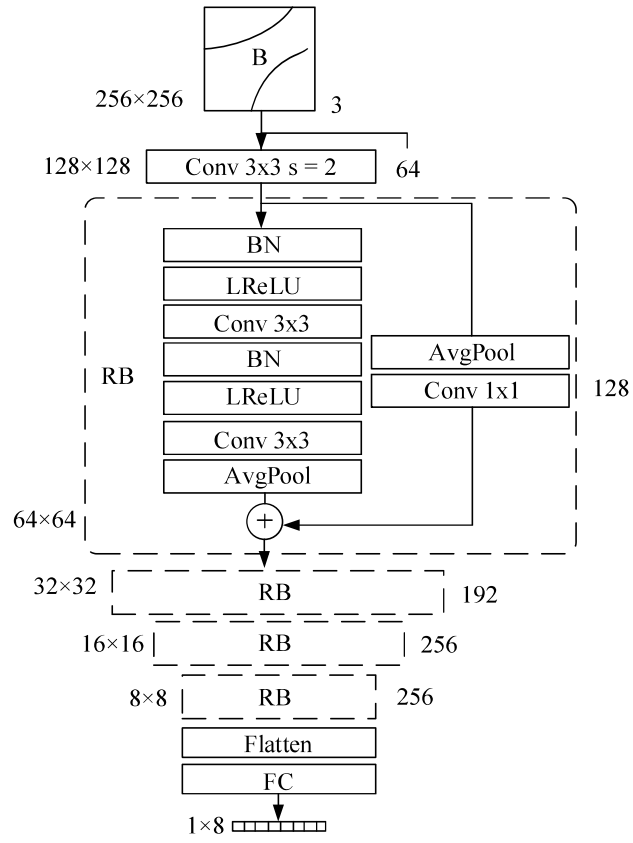


FIG. 19

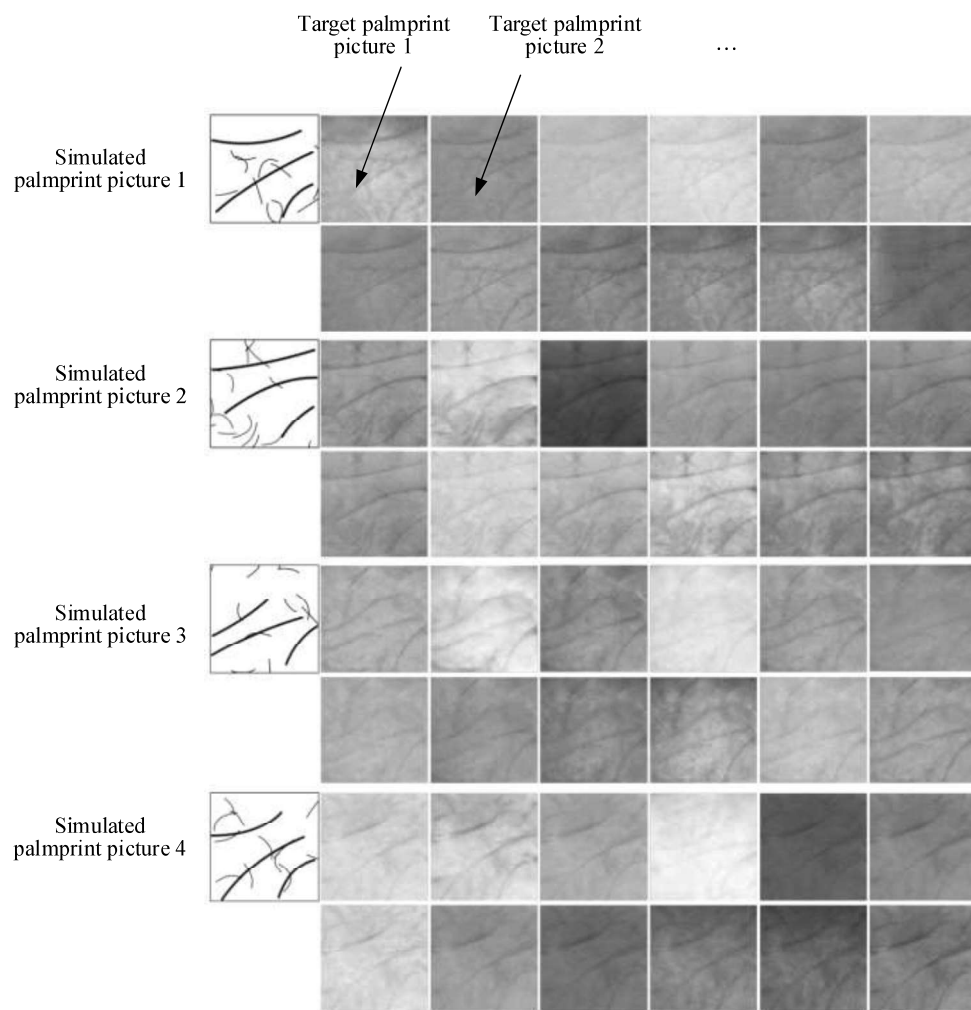


FIG. 20

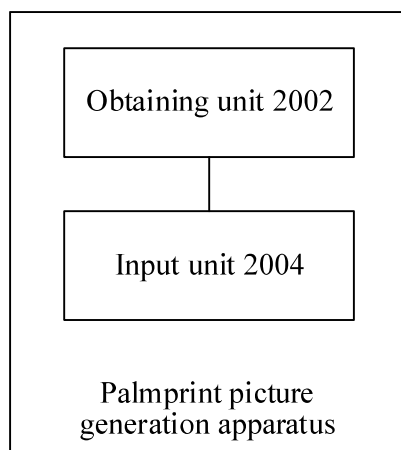


FIG. 21

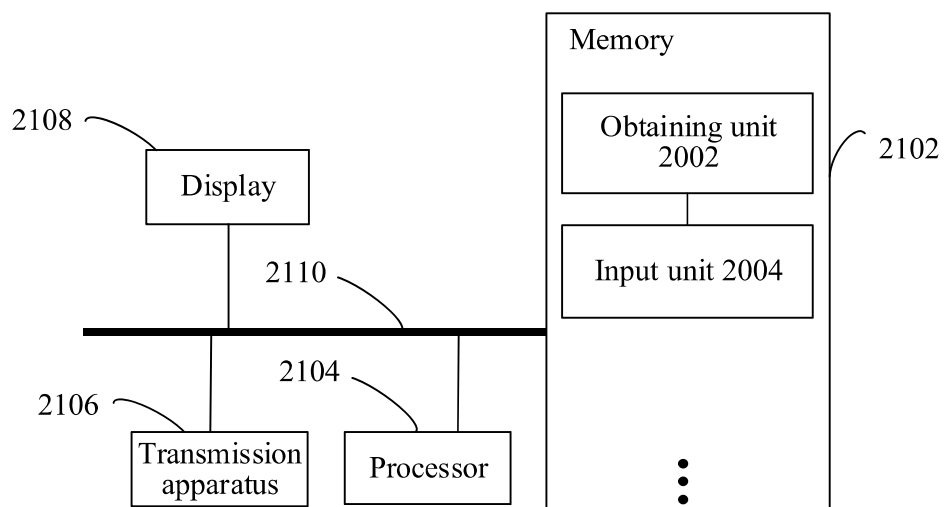


FIG. 22

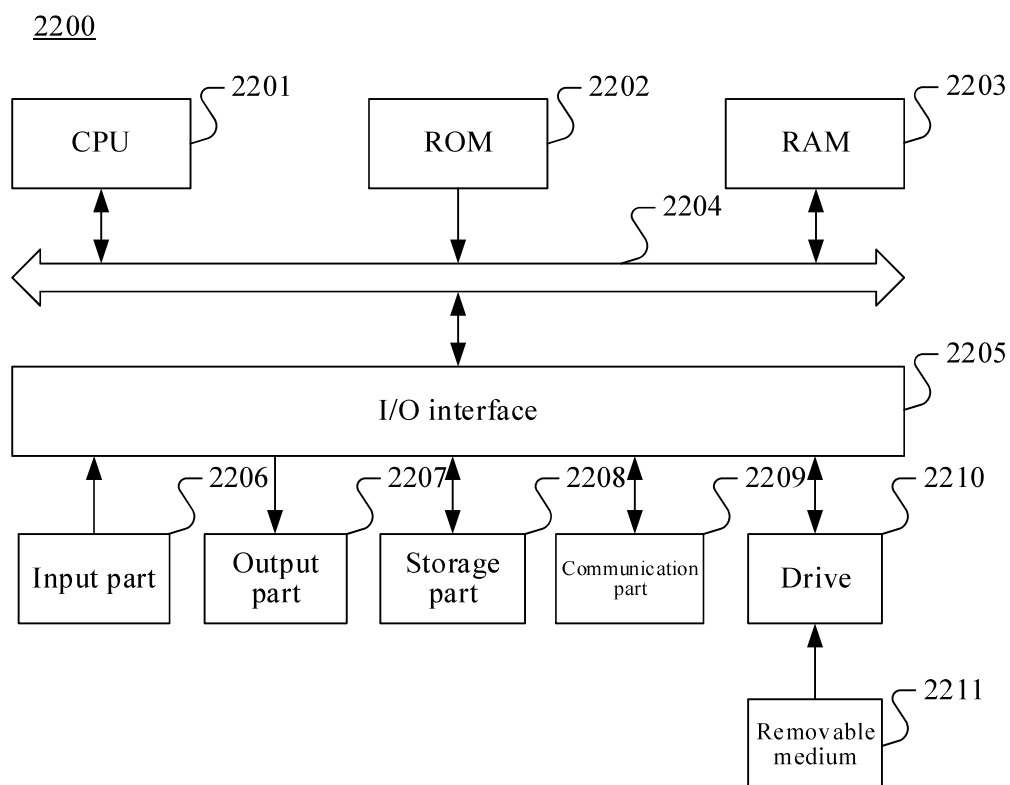


FIG. 23