Twilio Connection & Play Sound:

```
from twilio.rest import Client
from playsound import playsound
model=load model('forest1.h5')
video=cv2.VideoCapture(0)
name=['forest','with fire']
account_sid='ACca0e8bb11699d2957d67c979ca84b68a'
auth token='bcb5f3850ef4b7ed263f60efc9acecdb'
client =Client(account_sid,auth_token)
message=client.messages \
.create(
body='-----',
  from_='+19457581434',to='+919943435141')
print(message.sid)
print("Alert Message sent")
Output:
SMb8a51eaeb987fbc8d5eced2dab56300a
```

Alert Message sent

Testing Model:

```
import cv2
import numpy as np
from keras.preprocessing import image
from keras.models import load_model
from twilio.rest import Client
from playsound import playsound
model=load_model('forest1.h5')
video=cv2.VideoCapture(0)
name=['forest','with fire']
while(True):
  ret,frame=video.read()
  cv2.imshow('frame',frame)
  cv2.imwrite('image.jpg',frame)
  img=image.load_img('train_set/forest/NoFire (1).bmp',target_size=(64,64))
  x=image.img_to_array(img)
  x=np.expand dims(x,axis=0)
  pred=model.predict(x)
  index=np.argmax(pred)
  if index==0:
    account sid='ACca0e8bb11699d2957d67c979ca84b68a'
    auth token='bcb5f3850ef4b7ed263f60efc9acecdb'
    client = Client(account sid, auth token)
    message=client.messages \
    .create(body='------', rie is detected, Stay Alert !!!------',
```

```
from_='+19457581434',to='+919943435141')
print(message.sid)
print('Fire detected')
print("Alert Message sent!")
playsound('tornado-siren.mp3')

else:
print('No Danger')
cv2.imshow("image.jpg",frame)
if cv2.waitkey(2)&0xff == ord('q'):
break
video.release()
cv2.destroyAllWindows()
```

Output:

