

Supplemental Materials

The Case of the Patent Pending

The new biodiesel processor was revolutionary. It processed the used oil into biodiesel on a continuous basis. The glycerin settled in minutes and the fuel was ASTM quality after being filtered. It was the first continuous process on the market and the only one that used ethanol for the tranesterification.

Lizaree Abadakey had been the brains behind the invention. Eventually, she brought three of her “friends” into the development when she felt she needed help. The patent was in Lizaree’s name, but Tony Wayler, Octavia Lister, and Anna Lopez had been named beneficiaries in the event of her death. She had laughed when her lawyer, Joe Sokituyo suggested she think about it because of the 10 million dollar licensing contract she had obtained from Standard Oil Company.

April 1st

The local authorities received a frantic call from Tony Wayler who reported Lizaree’s death. When police arrived at the crime scene, Tony was noticeably upset by the discovery of his friend. When questioned by police, Tony explained that he was just stopping by to visit Lizaree when he found her body. Police report evidence of a struggle within the apartment, but do not report any corroborating evidence to support that Tony was responsible for his friend’s death. Police suspect foul-play when they observe a blunt trauma to Lizaree’s head, collect traces of an unknown white powder, and detect traces of an almond scented liquid at the crime scene.

The autopsy conducted by the medical examiner revealed a high concentration of cyanide as well as high levels of creatine, a performance enhancing protein supplement, in Lizaree’s body. Evidence collected at each of the suspect’s home or office includes an unknown white powder and a drop of unknown liquid. It will be your task to identify the perpetrator of this heinous crime by asking questions and proposing possible motives. In order to confirm that you have properly identified the suspect in this crime scenario, you will perform a forensic analysis

on the white powder and liquid sample discovered at the crime scene and comparing it to the evidence collected from each suspect.

After the preliminary crime scene investigation, Detective Smart identifies and interviews the three most likely suspects: Octavia Lister, Anna Lopez, and Tony Wayler

REPORT

Detective/Team Leader: _____

Type of Incident: _____ Date of Incident: _____

Location: _____ State: _____

Observations at/Description of Crime Scene based on narrative:

Victim: _____ D.O.B.: July 17, 1972

Address: _____

City/State: _____ Zip: _____

About the Victim:

Wound Chart Completed: Yes No

Suspect Log

Suspect #1: _____ **D.O.B.:** _____

Address: _____

City/State: _____ Zip: _____

Synopsis of Suspect Interview:

Possible Motive(s): _____

Suspect #2: _____ **D.O.B.:** _____

Address: _____

City/State: _____ Zip: _____

Synopsis of Suspect Interview:

Possible Motive(s): _____

Suspect #3: _____ **D.O.B.:** _____

Address: _____

City/State: _____ Zip: _____

Synopsis of Suspect Interview:

Possible Motive(s): _____

Suspect #4: _____ **D.O.B.:** _____

Address: _____

City/State: _____ Zip: _____

Synopsis of Suspect Interview:

Possible Motive(s): _____

Adapted from "Crime Scene Investigation Spring" <http://www.kn.att.com/wired/fil/pages/webcrimesccr.html>

Suspect Organizational Chart – Predictions

SUSPECT	Key Points from Interview	Motive	Not Guilty because...	Guilty because...
Octavia				
Tony				
Anna				
Other?				

Group Members _____

(D)

(O)

(T)

(A)

Suspect Organizational Chart - Results

SUSPECT	On-Site Forensic Analysis (report as + or – for each substance)	On-Site Forensic Analysis (report as a drawing of your paper chip)	Motive	Not Guilty because...	Guilty because...
Octavia					
Tony					
Anna					
Other?					

WOUND CHART

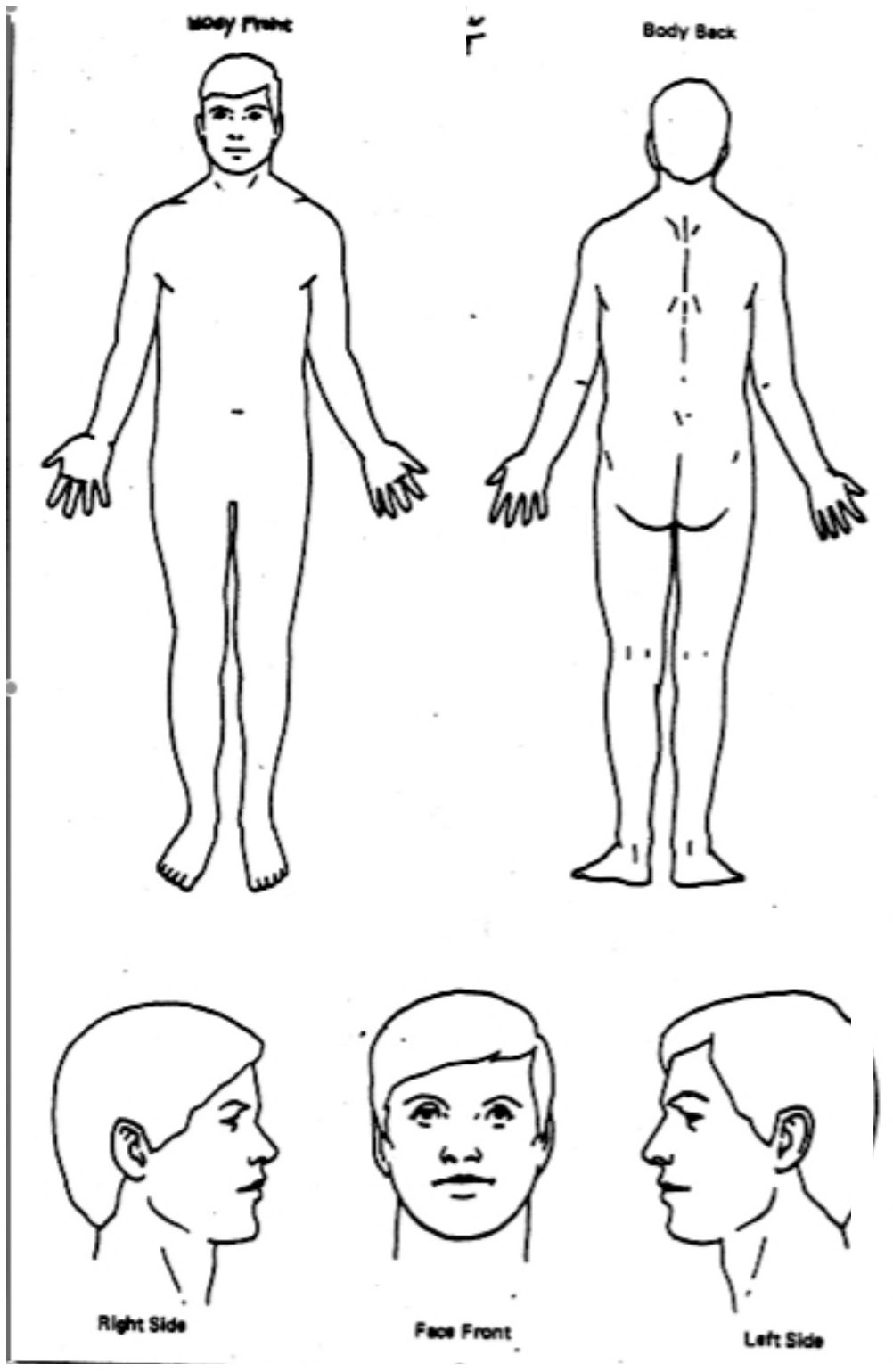


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