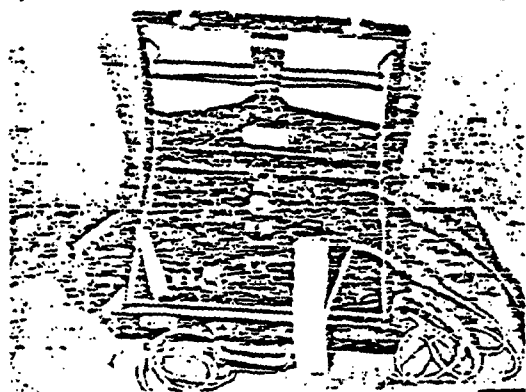




PWC Bulletin

THE POLICE WEAPONS CENTER • INTERNATIONAL ASSOCIATION OF CHIEFS OF POLICE



Voice Analyzers Register Deception

An investigating officer has completed interviews with five alleged witnesses to an armed robbery. His questions and the witnesses' answers were recorded on a small, hand-held cassette tape recorder operated by the investigating officer. Later, the tapes are replayed through a small desk top unit while the officer observes a digital readout and records the figures generated by the witnesses' responses. These figures on the readout indicate the degree of stress in each response. Consequently, within minutes, the officer can determine not only that three of the five witnesses are reliable, but also that they are able to provide a more positive description of the robbery suspect. Closing the case will still involve a lot of good police work... but the officer has a running start because he has availed himself of a new, electronic instrument.

The above situation is only one police application for a new generation of voice analyzers presently being marketed. The unit described is the **MARK I Voice Analyzer** now offered through Crawford International of Washington, D.C.

After ten years of intensive research, development and rigorous field testing, the **MARK I & II Voice Analyzers** are in use not only with law enforcement agencies, but also with personnel directors, lawyers, psychiatrists, clinical psychologists, and various government agencies.

The **MARK I & II Voice Analyzers** electronically process speech and instantaneously provide a numerical value of the stress level of the speaker. Because there is no physical contact or attachment to the speaker, they prove highly versatile in application to detect deception. They perform

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New Security System

Pinpoints Crime Scene

A new security system, designed primarily for schools, apartments, offices, and other compartmentalized structures, has recently been announced by Mentors Company of California. Designated the **Silent Communications and Alarm Network (SCAN)**, this system has the capability to indicate the precise location of an incident.

SCAN contains three basic units: a transmitter, wall or ceiling mounted receivers, and a master control panel.

The transmitter is a small pen-like device which can be carried in a pocket or purse. When activated, it causes a spring-loaded plunger to strike a resonant bar, thereby generating a silent ultrasonic signal. The signal is picked up by the nearest receiver which lights up, indicating that it has functioned. The receiver then relays this informa-

tion to a corresponding light on the central control panel. The light on the control panel is keyed to the location of the receiver, which enables the person monitoring the alarm to dispatch security personnel closest to the scene.

An individual operating the transmitter may trigger the silent alarm when in proximity to any of the receiver stations throughout the building with little or no indications to an aggressor that a call for help has been made. This alarm system is useful not only in guarding against unauthorized persons entering the protected structure, but also for summoning aid in case of accidents or other emergencies.

For further information regarding this system, contact: **The Mentors Company, 553 Capitol Mall, Suite 1105, Sacramento, California 95814**

-This product has not been registered or tested by the Police Weapons Center-

Lubricant Developed For Missiles Available For Firearms

Sprayon Products, Inc., Bedford Heights, Ohio, has recently **REGISTERED** with the Police Weapons Center an aerosol corrosion-preventative lubricant known as # 711 **Penetrant-Lubricant, Corrosion Inhibitor, Demonstrant**. This product was specifically developed for use on guided missiles in conjunction with the Naval Ordnance Systems Command and assigned Weapon Specification 14138.

711 offers a clear invisible film that displaces moisture rapidly from metal surfaces and deposits a greaseless barrier coat which cleans and resists collections of dirt and foreign particles. Although well suited to lubricate and prevent corrosion in firearms, caution should be taken to remove all cartridges from the firearm prior to applying # 711. Excess material should always be wiped free from the chamber.

This lubricant will not affect painted surfaces and does not contain silicone. It has successfully passed accelerated laboratory conditions of humidity, salt spray, and water displacement.

Aerosol sample cans may be obtained upon letterhead request to the manufacturer: **Sprayon Products, Inc., Industrial Supply Division, 26300 Fargo Avenue, Bedford Heights, Ohio 44146 (216-292-7400).**

PWC Recommended Products

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REGISTERED PRODUCTS

Third Quarter 1973



THE MANUFACTURERS OR DISTRIBUTORS OF THE FOLLOWING PRODUCTS HAVE MET PWC REGISTRATION REQUIREMENTS. THESE PRODUCTS SHOULD BE GIVEN PRIORITY CONSIDERATION IN PROCUREMENT DECISIONS AND THEIR FAILURE TO PERFORM SATISFACTORILY SHOULD BE REPORTED IMMEDIATELY TO THE IACP POLICE WEAPONS CENTER.

CATEGORY	REGISTRATION NUMBER	PRODUCT	DESIGNATION	MANUFACTURER
FIREARMS	Δ 001	Autoloading Pistol	Model 59 Double Action Automatic	Smith & Wesson 2100 Roosevelt Ave. Springfield, Mass. 01101
	Δ 002	Revolver	Model 10 Military and Police	Smith & Wesson
	Δ 003	Revolver	Model 36 Chiefs Special	Smith & Wesson
	Δ 004	Revolver	Model 66 .357 Combat Magnum (Stainless)	Smith & Wesson
	Δ 005	Revolver	Model 19 .357 Combat Magnum	Smith & Wesson
	Δ 030	Autoloading Pistol	Combat Commander	Colt Industries 150 Huxshope Avenue Hartford, Conn. 06102
	Δ 037	Revolver	Undercover Model 13821	Charter Arms Corp 255 Asylum St Bridgeport, Conn. 06610
AMMUNITION & ACCESSORIES	Δ 009	Holster (Auto-loading Pistol)	Model 46	J. M. Bucheimer Co. Airport Road Frederick, Md. 21701
	Δ 010	Holster (Revolver)	Model 140	J. M. Bucheimer Co.
	Δ 029	Lubricant	Sprayon # 711	Sprayon Products Inc. 26300 Fargo Ave Bedford Heights, Ohio 44146
	Δ 052	Lubricant	WD-40	WD-40 Company 5390 Napa Street San Diego, Ca. 92110
CHEMICAL WEAPONS	Δ 007	Cartridge (Barricade - Penetrating Liquid CS)	Ferrett SGA-100	AAI Corporation P.O. Box 6767 Baltimore, Md. 21204
PROTECTIVE EQUIPMENT	Δ 011	Ballistic Clipboard	Model 532	Jem Patents, Inc. 31 North Annapolis Ave. Atlantic City, N.J. 08401
	Δ 012	Ballistic Clipboard	Model 256	Jem Patents, Inc.
	Δ 014	Ballistic Shield	S-7600 Portfolio	Burlington Industrial Fabrics Co. 1345 Avenue of the Americas New York, N.Y. 10019
	Δ 015	Ballistic Vest	S-7804 Protective Vest	Burlington
	Δ 016	Ballistic Jacket	S-7900	Burlington