

FREE PAY TV "LEGALLY"

BY: **THE MAGICIAN**

There are presently many companies which provide uncut, almost first run movies, major sporting events, and assorted specials on a pay TV subscriber basis. Some of the largest are Home box Office, Showtime, Cinemax etc. Subscribers pay a monthly fee either to the cable company which they are hooked into, or to the broadcaster himself when no cable is available (IE. Channel 68 in NYC).

Pay TV over a cable can usually be easily decoded using a home built box. This practice is illegal, (Though hard to trace!), and you could in theory go to jail for theft of services.

There are however, three "legal" ways to get pay TV at no charge. They are:

- 1.) Satellite TV
- 2.) On the air UHF decoding (IE. Chnl 68)
- 3.) Multipoint Distribution Systems (MDS)

Lets first talk about satellite TV. HBO, Showtime etc. each have a central location in the U.S. where all of their shows originate. In order to get the shows to the many cable companies throughout the world, they beam the signal up to a satellite in synchronous orbit around the earth at approx. 22,300 miles above the equator. These satellites, the most popular being the SATCOMS and ANIKS (both having multiple satellites in orbit) then beam back the programming in an omnidirectional pattern toward earth on approx. 4GHz, allowing cable companies using large dish earth stations to receive them.

It is possible for anyone at home to also receive these programs via a home earth station. Because the satellites transponders are relatively low power, a great deal of amplification is needed for the received signal.

Due to present day technology limits on the signal to noise ratio of transistors used in the low noise amplifier (LNA) at earth stations, a minimum of approx. 10 feet in diameter receiving dish is necessary. The cost of the dish, plus associated electronics puts the cost of your own earth station at several thousand dollars, even if you build it yourself.

You will get a perfect picture, and for those in areas where TV reception is not good, or not available this might be just what you need. In suburban areas however, you could pay for an awful lot of legit cable TV fees for that money, and not have to worry about your dish antenna blowing over in a storm. Also, HBO has announced that soon they are going to start encoding their satellite transmissions meaning you will only see garbage on the screen when receiving it. (Though I am sure someone will come out with a decoder soon thereafter)

There are some strong legal questions as to whether reception of pay TV via home earth station or other methods presented in this article are within the law.

Section 605 of the Federal Communications Act of 1934 forbids the "unauthorized interception or use of radio signals" However it also specifically excludes "radio communication which is broadcast or transmitted by amateurs or OTHERS for use of the general public".

Since pay TV is broadcast for viewing by the public, reception of the signals appears to be totally legal. Cable operators and pay TV operators sorely disagree with this. They contend that the signals are part of their internal network not meant for the public, and thus reception is illegal.

So far, the public seems to be winning the argument. Unless you start selling tickets to see the movies you are intercepting (which would be blatantly illegal) no one will probably bother you.

Another method of getting pay TV for free "legally" is through the use of on the air decoders for UHF channels which broadcast pay TV scrambled for subscribers with rented special decoders attached to their sets. Last year Radio Electronics magazine published a complete article on how to build one for yourself! There are only several stations which provide this service in the country, therefore the decoder boxes will not work in many areas.



TAP
Room 603
147 W. 42 St.
New York 10036

OCTOBER 1982

No. 78

Perhaps the best and cheapest way to get free pay TV is through the use of signals transmitted by Multipoint Distribution Systems (MDS). In many areas there are several small cable networks to cover the entire region. It would be quite expensive for each to buy their own satellite earth stations in order to provide customers with pay TV. Instead, someone (The most popular being Microband Associates) sets up an earth station and then retransmits the pay TV signal on 2.1 GHz microwave. The signal is usually omni directional and is received at the local cable company with special microwave receivers and then sent out to customers.

An MDS downconverter which will receive these signals and convert them to channel 2 or 3 on your home TV can be built for approx. 50 to 75 dollars, or bought complete for approx. 150 dollars. Articles describing how to build MDS down converters have appeared in Ham Radio magazine as well as other publications. An excellent book on the subject which gives complete schematics is "Microwaves & Radar, A handbook for video pirates, signal snatchers and radar jammers" By Tom Howell and published by Barry Publications, it is available in book stores.

There are two basic types of antennas used for MDS downconverters. An approx. 3 foot dish, or a 3 foot spiral. Both work well, but the dish is better.

Since the locations of MDS transmitters are not well known, following this article is a list of all presently licensed MDS stations in the U.S. If you live within 25-30 miles of any of these areas, and have no major obstructions in the way (like a big mountain!) you should be able to receive MDS and have a perfect picture.

Pre-built, all set to go MDS receivers can be found at many electronics stores in major cities. If you can't find one, just buy an issue of CQ magazine (a ham radio mag.) and you will see loads of companies that will sell them to you mail order.

Happy viewing, and if you have any questions, comments etc. send them to me at TAP C/O THE MAGICIAN

LOCATION AND CALL SIGNS OF MDS TRANSMITTERS			
ALBANY, NY	- KFK28	NEW YORK, NY	- WQQ79
ANAHEIM, CA	- KFI79	NORFOLK, VA	- WSL35
ANCHORAGE, AK	- KPO65	OK. CITY, OK	- WJL99
ATLANTA, GA	- WQR43	OSAGE BEACH, MO	- KOB43
BALTIMORE, MD	- WPF46	PHOENIX, AZ	- WPF47
BOSTON, MA	- WSL33	PHILADELPHIA, PA	- WPE97
BURLINGTON, IA	- WKR62	PITTSBURGH, PA	- WPF46
CHICAGO, IL	- WOF49	POAPANO BEACH, FL	- KFI28
CLEVELAND, OH	- WQQ66	PROVIDENCE, RI	- KNV65
DENVER, CO	- WPY32	RICHMOND, VA	- WQQ39
DETROIT, MI	- WJM22	SACRAMENTO, CA	- WSL88
HONOLULU, HI	- KFA43	ST. LOUIS, MO	- WQQ64
HOUSTON, TX	- WOF76	SALT LAKE, UT	- KEW74
INDIANAPOLIS, IN	- WFX33	SAN ANTONIO, TX	- WJM80
JACKSONVILLE, FL	- WDU633	SAN FRANCISCO, CA	- KPF61
KALAHAZOO, MI	- WKS29	SEATTLE, WA	- KFI61
LAS VEGAS, NV	- WKR65	SPRINGFIELD, MA	- KEW79
LOS ANGELES, CA	- KFF79	TAMPA, FL	- WOF43
LOUISVILLE, KY	- KOA86	TUCSON, AZ	- WLJ78
MIAMI, FL	- WLJ79	URBANA, IL	- KEW94
MILWAUKEE, WI	- WKR27	W. PALM BEACH, FL	- WPI38
MINNEAPOLIS, MN	- WPE99	WASHINGTON, DC	- WOI93
NEW ORLEANS, LA	- WKR26		

The UNIX Security Problem
by
Fred Steinbeck

In the May-June issue of TAP, number 75, Simon Jester writes about a new method of breaking into computers, a method which was developed on the UNIX system by a group of students at U.C. Berkeley.

After a little thought, and some talking with other UNIX hackers (I, too, am one), we managed to find out what the method was. Simon is right - it should work on just about any system, and it probably does have security experts shitting in their pants.

The idea revolves around a nasty premise - the one that most intelligent terminals have a "transmit line" or "transmit page" control character or escape sequence. Now, the trick to this idea is very simple. Write what ever command(s) you want executed onto the other person's terminal, after sending his "clear screen" control character to his terminal. Then send the command to tell his terminal to send those commands to the computer. So it looks to the computer like he just typed those commands.

It seems, then, that all this is good for is for issuing commands from other people's terminals. But if the person whose terminal you're having do the issuing is the (gasp!) super-user (the system operator - "super user" is a UNIX term), one could access the password file. So, if the following commands were sent to the SU's (super-user's) terminal, the password for root. (another name for the SU) would be set to nothing:

```
<DEL> (the DEL character code, to break
      him out of whatever he's doing)

ex /etc/passwd      (edit the password
                    file...)

l      (goto line #1, the entry for root)

d      (delete the line)

i      (insert - add a new line...)

root::blahblah.....

      (tells "ex" that you're done with
      the text you're adding)

wq      (write and quit)

logout      (log root off the system)
```

In the lines above, "root::blahblah....." should be the first line of the /etc/passwd file (accessible by typing "cat /etc/passwd" and following it with return), without the encrypted password, which is between the first to colons (":"). The commands above such as "l", "d", and "wq" are U.C. Berkeley editor commands, for the editor known as "ex".

Anyway, the "logout" command logs the super-user out, and then you should log out and try to log in with the account "root". If all has gone well, the system will not ask for a password - you will be logged in as root. Be sure to then use the "passwd" program to change the password to something other than nothing.

I see I have forgotten how to get stuff onto root's terminal. Well, there are a number of ways to do this. One is to use the "write" command. Simply say "write root" and then hit return. The problem with this is that it prints "message from so-and-so on <terminal name>..." so root will know who did it.

The methods below all require you to know the name of root's terminal. To get this information, give the "who" command and hit return. It will print out the users on the system, and their terminal names. So, if it printed "dialup0" next to root's name, the name of the terminal below would be "dialup0".

Another method is to use the "Mail" program to mail into root's terminal. The form would be

```
Mail /dev/<root's terminal>

<the control characters and commands you
want to send to the terminal>

Control-D
```

This, too, will print "From so-and-so" on root's screen. Not too good, but it will get the job done.

The final way is to create a file with a text editor that has the necessary control characters and commands in it. For sake of argument, let's say the file name that has all this is "test". Once you have this info in the file, type:

```
cat test | /dev/<root's terminal>
```

This will accomplish what we want, without leaving your name on root's screen, but will not work if root has set it so that he can't receive messages from other terminals. If this is the case, one must use the "Mail" method as outlined above.

There are other UNIX tricks I will write about in the future... If you have any questions or comments, please write to me c/o TAP.

Alarms (III)

Continuing on the subject of silent alarms we come to secondary phone transmission. This is the use of a device known as an automatic fone dialer. At the triggering of the alarm the fone dialer is put on the line and a preprogrammed number is dialed, such as the cops, friends etc. As soon as the destination number is picked up a prerecorded voice hysterically screams "Help, my house is being ripped off." and also states the person's name and address. (Actually it should do this every time you pay taxes.)

To defeat this system just cut the fone line. Placing incoming calls and lifting extension fones will not always work because some units are equipped with a line seizure system that places the call no matter what you do.

There is also a radio transmission system that sends a digital signal to a central office via a small transmitter. These are very difficult to defeat and you would not encounter one unless you plan on robbing a major diamond exchange.

Now that I have covered all the parts of a system you must wonder "How the fuck does it all work together?" Here's how. Every system has a central box. This box is the brain of the alarm. It monitors, activates and coordinates all of the components. In a typical box there are one or two terminal strips. This is the place to disable the alarm. (Be careful what you touch because some of these strips carry 120 V house current) Most of the strips are labeled. To disconnect the alarm you can A.) disconnect the battery backup and then disconnect the power (never on a direct fone transmission system) B.) disconnect all the signaling devices or C.) short all the closed circuit sensors and cut all the open circuit sensors.

In general if you must attack an alarm system first figure all the ways to defeat it. To do this you need information on the system. Visiting the building, buying alarm company catalogs, writing the company on a bogus letter head requesting info on that alarm system and being friends with a company worker are all good ways to get information.

The "in" thing now is the portable home alarm. It is a cheap ultrasonic sensor attached to a built in horn. Any shock store sells them. They go by all sorts of names such as The Bug, The Protector, Big Brother etc. but they are all the same thing. An unusually novel way to dispose of these things is to get a silenced pistol and upon entering blow the thing apart before it emits that squeal that might even be damaging to your ears (that's why you silenced your pistol right?). Or just walk up to the thing and smash it with a sledge hammer.

A new device called Burglar Mist emits a cloud of tear gas upon entry. They are activated by a trip wire. If you get caught by one of these just wait a few minutes for the gas to clear (you did disconnect the alarm didn't you?!). If you run into an unused unit do relocate it in a more useful place such as the owners bedroom. This concludes this series of articles, good luck!

CN/A is the acronym for Customer Name/Address. These bureaus exist so that authorized Bell employees may obtain the name and/or address of a customer anywhere in the Bell System simply by giving the operator the customer's telephone number. All numbers, including businesses and non-published numbers, are maintained on file. Here is the way an employee might go about using CN/A once he has looked up the CN/A number for the area code of the target number:

"Hi, this is Jim with the Residence Service Center in Pasadena. I've got a customer on hold who claims not to have made a rather lengthy call to (212) 555-1212, so I need the customer's name on that please. That was (212) 555-1212."

When the employee sounds natural and is cheery, the CN/A operator doesn't ask any questions. The CN/A list for the Bell System is printed either in this issue or the next, sorted by area code. The list is copyright 1982 by "Judas Gerard" and license to reprint granted exclusively to TAP.

To close this tutorial, allow me to explain the name change. My previous articles were published with the pen name of PAUL MONTGOMERY. I have been informed that there is an ex-prizefighter in California by that name who resents my pen name. Unable to convince HIM to change HIS real name, I changed my pen name. Hence forth I am JUDAS GERARD.

201 - (201) 676-7070	517 - (313) 223-8690
202 - (202) 384-9620	518 - (518) 471-8111
203 - (203) 789-6800	519 - (416) 487-3641
204 - Not Available	601 - (601) 961-0877
205 - (205) 988-7000	602 - (303) 232-2300
206 - (206) 382-8000	603 - (617) 787-2750
207 - (617) 787-2750	604 - (604) 432-2996
208 - (303) 232-2300	605 - (402) 345-0600
209 - (415) 546-1341	606 - (502) 583-2861
212 - (518) 471-8111	607 - (518) 471-8111
213 - (213) 501-4144	608 - (414) 424-5690
214 - (214) 948-5731	609 - (201) 676-7070
215 - (412) 633-5600	612 - (402) 345-0600
216 - (614) 464-2345	613 - (416) 487-3641
217 - (217) 525-7000	614 - (614) 464-2345
218 - (402) 345-0600	615 - (615) 373-5791
219 - (317) 265-7027	616 - (313) 223-8690
301 - (301) 534-1168	617 - (617) 787-2750
302 - (412) 633-5600	618 - (217) 525-7000
303 - (303) 232-2300	701 - (402) 345-0600
304 - (304) 344-8041	702 - (415) 546-1341
305 - (912) 784-9111	703 - (804) 747-1411
306 - Not Available	704 - (912) 784-9111
307 - (303) 232-2300	705 - (416) 487-3641
308 - (402) 345-0600	707 - (415) 546-1341
309 - (217) 525-7000	709 - Not Available
312 - (312) 769-9600	712 - (402) 345-0600
313 - (313) 223-8690	713 - (713) 658-1793
314 - (314) 436-3321	714 - (213) 995-0221
315 - (518) 471-8111	715 - (414) 424-5690
316 - (816) 275-2782	716 - (518) 471-8111
317 - (317) 265-7027	717 - (412) 633-5600
318 - (318) 227-1551	801 - (303) 232-2300
319 - (402) 345-0600	802 - (617) 787-2750
401 - (617) 787-2750	803 - (912) 784-9111
402 - (402) 345-0600	804 - (804) 747-1411
403 - (403) 425-2652	805 - (415) 546-1341
404 - (912) 784-9111	806 - (512) 828-2501
405 - (405) 236-6121	807 - (416) 487-3641
406 - (303) 232-2300	808 - (212) 226-5487
408 - (415) 546-1341	Bermuda Only
412 - (412) 633-5600	809 - (212) 334-4336
413 - (617) 787-2750	812 - (317) 265-7027
414 - (414) 424-5690	813 - (813) 228-7871
415 - (415) 546-1132	814 - (412) 633-5600
416 - (416) 487-3641	815 - (217) 525-7000
417 - (314) 436-3321	816 - (816) 275-2782
418 - (514) 861-6391	817 - (214) 948-5731
419 - (614) 464-2345	819 - (514) 861-6391
501 - (405) 236-6121	901 - (615) 373-5791
502 - (502) 583-2861	902 - (902) 421-4110
503 - (503) 241-3440	903 - Not Available
504 - (504) 245-5330	904 - (912) 784-9111
505 - (303) 232-2300	906 - (313) 223-8690
506 - (506) 657-3855	907 - Not Available
507 - (402) 345-0600	912 - (912) 784-9111
509 - (206) 382-8000	913 - (816) 275-2782
512 - (512) 828-2501	914 - (518) 471-8111
513 - (614) 464-2345	915 - (512) 828-2501
514 - (514) 861-6391	916 - (415) 546-1341
515 - (402) 345-0600	918 - (405) 236-6121
516 - (518) 471-8111	919 - (912) 784-9111

Phone-y tale isn't to Burt's credit

Sorry, folks, but Burt Reynolds will not be paying for your long-distance telephone calls. A tall tale that the movie star had invited the public to make calls against his telephone credit card number began circulating last summer.

In August, the rumor was responsible for \$110,000 worth of calls, according to the tiny southern Illinois telephone company caught in the middle. Most of the 14-digit credit card numbers spread in the rumor carry codings that bill nonexistent customers of the Wabash Telephone Cooperative of Louisville, Ill., a rural independent company serving 4,800 subscribers in Louisville and surrounding towns.

Larry Coffin, an American Telephone and Telegraph Co. spokesman, recently told the tale of the rumor:

"The story, which is false, is that Reynolds recently won a \$1 million judgment in a lawsuit. And since he is so rich and such a good guy, he wants to share the wealth with his friends and fans."

"So, he supposedly said on the Johnny Carson show, or on the Rona Barrett show or in The New York Times, that he's letting folks use his telephone credit card until Oct. 5."

FIREARM DISCHARGE RESIDUES

By Doctor Atomic

Have you ever been around the scene where a firearm has been discharged when the police show up? The police take the people suspected of shooting the gun and check their hands and clothing for traces of firearm discharge residues. They use two main procedures for collecting residues.

In the first method the hands are swabbed with cotton pieces soaked in nitric acid solution. The swabs are then subjected to neutron activation analysis at the lab. Other chemical analysis of residues is directed toward discovering nitrite and nitrate groups of unburned powder residues and reaction products of the charge.

In the second method, the "Film-lift" method, an adhesive tape is applied to the web regions of the hands. (Common test.) Then the tape is sent to the lab for investigation in a scanning electron microscope. In this test they are looking for particles of metallic elements (especially Pb, Sb, and Ba) from the detonated primer. These particles are small, 20 to 30 micro meters, and they are not visible even at moderate magnification with a regular microscope.

For this TAP article, I had an exclusive interview with firearm expert Marvin Galapagos. He said that he would not be caught by leaving residues on himself. First, after quickly leaving the scene, he would dispose of the clothes that he wore when he fired the gun. Note that the police are especially interested in shirt sleeves. Next, he would shower and wash his hands well with soap and water.

Then, to get rid of the micro-particles that remain after the soap-and-water washing -- particles that were blasted into his skin when he fired the gun -- he would prepare a dilute solution of nitric acid (5% or less) and dip his hands in it for a few seconds. After this, he would rinse his hands in a baking soda and water solution to neutralize any remaining acid solution.

The logic here is that if nitric acid solution on swabs is used by the police to collect particles, then it can also be used by the technologist to clean his hands of these particles. However, if a nitric acid solution were not available, he would scrub his hands and change his shirt immediately.

Also, Marvin G. said that if he found himself in a situation where there is no soap and water, and where fast action is called for, he would pour gasoline on his hands. When gas evaporates, it leaves lead and other residues behind that would confuse lab tests. Then, when the lab tests turn up lots of micro metal particles and the police question him about it, he would tell them that he was working on the carburetor of his car. A very nice alibi.

For a more detailed presentation, I refer the reader to "Chemical Criminalistics" by A. Maehly and L. Stromberg (1981), published by Springer-Verlag, N.Y. Also covered in detail are the analysis of drugs, explosives, fibers, and fire investigation. If your library doesn't have this book, see if it is available on inter-library loan.

Since our right to bear arms is being slowly legislated away, this well known bumper sticker slogan is an appropriate note to close on: "If guns are outlawed, only outlaws will have guns."

GAS FO' ALL

FED-UP WITH THE HIGH COST OF GASOLINE AND DIESEL FUEL?? SICK AND TIRED OF BEING ROBBED AT THE PUMP!!

THE ULTIMATE ENERGY SURVIVAL PUBLICATION IS FINALLY HERE!! WE HAVE PENETRATED THE TOP SECRET FILES OF A \$ BILLION OIL COMPANY TO PRY LOOSE 18 EFFECTIVE, EASY, SIMPLE, QUIET AND QUICK METHODS OF RIPPING-OFF GASOLINE AND DIESEL FUEL AT THE PUMP!! NO SPECIAL SKILLS, STRENGTH, ABILITIES, LUCK, INTELLIGENCE OR PRIOR TRAINING IS REQUIRED.

GAS FO' ALL!! COMPLETELY DESCRIBES AND ILLUSTRATES (INCLUDING MANY PHOTOS) THESE 18 EYE-POPPING METHODS, APPLICABLE TO ALL MECHANICAL AND ELECTRONIC GAS AND DIESEL PUMPS AND DISPENSERS. ONE METHOD STOPS THE REGISTRATION (BUT NOT FUEL FLOW) SIMPLY BY PLACING A STRONG MAGNET ON THE OUTSIDE OF THE PUMP!! MOST METHODS REQUIRE ONLY A FEW SIMPLE HAND TOOLS. **ONLY \$12.**

AUTOMATIC TELLER MACHINES

THE MOST SIZZLING PUBLICATION THAT CONSUMERTRONICS OFFERS SINCE GAS FO' ALL!! Learn about the more than one dozen methods outlaws are using to turn Automatic Teller Machines (cash dispensers or ATMs) into gold mines to be mined at will!! This comprehensive publication describes how ATMs work, actual examples of how they have been beaten, the many methods used to loot them, and a listing of other popular and very lucrative card rip-offs. The methods completely described are very effective. One comment: "ATMs are the biggest mistake made by the banking industry since they caused the 'Great Depression.' Next time you walk by an ATM in use, don't be surprised if you hear a whispered 'jackpot'! LATER AVAILABILITIES ARE NOT GUARANTEED! **ONLY \$12.**

THE VOICE DISGUISER

Two very effective, inexpensive and simple-to-build and use Voice Disguiser designs completely described & illustrated. For those who demand private and anonymous conversations. Many other applications include: 1) To accommodate the tone deaf. 2) For harmless practical jokes, as a "conversation piece", as a party pleaser. 3) As a computer and space-age toy or aid. 4) To filter out unwanted noise. 5) To compensate for certain voice deficiencies. **ONLY \$6.**

RENTAL EQUIPMENT!!

Mileage and time registration devices for rental cars, trucks, aircraft, farm equipment, etc. have long been defeated by "Outlaws." We discuss in this lengthy pamphlet the quickest, quietest, simplest and most effective methods of ripping-off virtually all rental equipment. Particular attention is devoted to SPEEDO DRIVES and HOBBS METERS. More than one dozen photographs and illustrations. **ONLY \$6.**

IRON GONADS

COMPLETELY DESCRIBES & ILLUSTRATES SIMPLE MAGNETIC MEANS OF SLOWING DOWN - EVEN WRECKING - WATTHOUR METERS WITHOUT REMOVING OR BREAKING GLASS COVER. Not related to STOPPING POWER METERS Methods. Do Not Use on Utility Owned Meters. **ONLY \$6.**

SURVIVAL GUNS & AMMO

+ SILENCE IS GOLDEN

Everything YOU must know About Machine Guns, Assault, Rifles, Shotguns, Improvised Guns, Handguns, Silencers and Survival Calibers to Survive the Likely Upcoming Total Collapse. Very Comprehensive. Includes Detailed Conversions to Selective Fire of AR-15, MINI-14, M-1, Etc. Includes Complete Plans of the Homemade SMG of the American Underground. **ONLY \$20.**

SHOPLIFTER!

SHOPLIFT!! is finally here! The unspeakable subject is addressed in full. Many methods are discussed in detail including the modification of Universal Product Codes. Learn the truth about shoplifting - how it's done and the business community lies and coverups regarding shoplifting. **ONLY \$6.**

THE TOILET TRAINER

THE ULTIMATE WEAPON USED AGAINST BIG-SHOT OPPRESSORS IS FINALLY REVEALED IN THIS SMALL BUT COMPREHENSIVE PUBLICATION. THE TOILET TRAINER IS A DEVICE THAT IS INSERTED INTO THE TOILET. THE TOILET IS FLUSHED AND THE DEVICE EXPLODES WITHIN THE PLUMBING. WE ARE THE FIRST TO HAVE THE NERVE TO DESCRIBE HOW TERRORISTS AND PISSED OFF CONSUMERS SEEK AND OBTAIN A DEGREE OF REVENGE MOST OF US ONLY DREAM ABOUT! **ONLY \$4.**

SOLD FOR EDUCATIONAL PURPOSES ONLY
WE PAY ALL POSTAGE/HANDLING.

Consumertronics Co.

P.O. Drawer 537, ALAMOGORDO, NM 88310

OUR MAILING LISTS ARE ABSOLUTELY CONFIDENTIAL.

BY JOHN J. WILLIAMS AS SEEN ON CBS "60 MINUTES"

WE ARE IN BUSINESS FOR OVER 10 YEARS.

Catalog Free With Purchase, Otherwise \$1.

DEALERS WANTED!!

A Special Offer From

SCIENCE FOR THE PEOPLE



Subscribe
Today and
Get a Free
Bonus Issue



Choose either **Science and Women** or **Militarism and Science**, two great issues of **Science for the People** when you subscribe.

Science for the People is the only progressive magazine in the US devoted to exposing the politics of science. It features articles on energy, militarism, occupational health, feminist issues, computers, agriculture and much more.

You'll receive six magazine issues plus your free copy for just \$12. Send your check plus a note telling us which free issue you want to: **Science for the People**, Dept. Ex., 897 Main St., Cambridge, MA 02139.

\$1,250.00 CONTEST!!

We offer a truly revolutionary (pun intended) publication called **AUTOMATIC TELLER MACHINES** (\$12) - so hot that banking big-shots are trying to stop its sale! ATMs are the biggest mistake made by the banking industry since they caused this and the last Great Depression! **WE NEED MORE INFORMATION** (of course, for educational purposes only), and offer **\$1,250.00 IN PRIZES TO OBTAIN IT!** Most desired are original methods of electronic and mechanical penetrations and sabotage, code decipherings, wiring diagrams, internal photographs, and banking industry documentation mentioning our activities and countermeasures used by the banks and ATM industries. Contest ends 1 Sep. 1982. Identities of winners kept strictly confidential. Send \$1 for complete contest details plus our infamous survival catalog. **PASS THE WORD AROUND. LET'S GET EVEN FOR THE BANKS CHEATING YOU OUT OF A DECENT STANDARD OF LIVING!**

TRS-80 SOFTWARE & HARDWARE!

We will trade \$ for \$ value copies of our publications (for personal use only) for computer hardware, software and publications 100% compatible with the TRS-80, Model I, 48K with NEWSDOS 80. Software includes word processors, business, data management, engineering/scientific/math, & games, and should include documentation and be on 5 1/4" diskette. Hardware includes a high quality dot matrix line printer with proportional spacing, bold, underlining, vertical tabs, etc., double density disk controller, new model I ROM set, keyboard, expansion interface, etc. We also negotiate for cash payments but your prices must be very reasonable. Describe your offer and await for our written OK prior to shipment to us.

Consumertronics Co.,

P.O. Drawer 537, Alamogordo, N.M. 88310

TESLA, MAGNET MOTORS, "FREE ENERGY", LEVITATION DISKS, POGUE CARBURETORS, ETC. 250 EXOTIC PATENTS LISTED, NUMBERS, DATES, HOW TO OBTAIN COPIES, SOURCE LISTINGS FOR MORE INFORMATION. REPORT \$5. CONTI ASSOCIATES, P.O. BOX 72, ELMSFORD, NEW YORK 10523

Classified

The TAP Classified Ad Page is published as a service to our readers. All ads **MUST** be typed and camera ready. Ads will appear in the next ad sheet unless they arrive after printing deadline in which case they will appear in the following ad sheet. The cost per ad per issue is \$4. If you wish to preserve your anonymity, TAP Box numbers are available at the cost of \$5 per ad per issue. This extra cost is for the postage to mail you the replies to your ad. Full page ads cost \$12 and half-page ads cost \$6. Payment must accompany all ads. Send cash and get a 10 % discount on all ads. Address all ad requests to: **TAP, Room 603, 147 West 42nd Street, New York, N.Y. 10036.**

SEX SPRAY

--- Male Pheromone Androsterone ---
A small amount broadcasts a powerful subconscious sexual awareness to women.

See TAP No. 73

In Spray Can \$20 Cash

*** Limited Supply ***

Send to Box E c/o TAP.

Rare Persian Rugs
Kurdistan woven in
western Iran - Royal
Sarouks. Call 201-
826-0737 or write
H.S.G. Ltd., Box 243
Keasbey, N.J. 08832
Truly the finest has
for a short time be-
come attainable.

Common Sense is the newsletter for the libertarians of Florida and other friends of liberty, and is published six times a year at annual subscription rate of seven dollars (\$7.00) per year. Sample issue one dollar. Please send all correspondence and subscriptions to **Common Sense**, P.O. Box 650051-TAP, Miami, Florida 33165

TONTI SYSTEMS

537 Jones Street, #6816
San Francisco, CA 94102

ELECTRONIC SURVEILLANCE

Preassembled/Project kits complete with all needed component accessories.

Autostarts, VOX, Ultra-sub-mini-transmitters, Linemans Handsets, TPG Systems - MUCH MORE!

Send \$1.00 (refundable) for the most fascinating catalog of "Confidential Electronic devices" available anywhere.

Also now stocking a complete line of HPC professional locksmith pick-sets and other trade tools and books. Please indicate if interested.

TONTI SYSTEMS 537 Jones St., #6816
San Francisco CA 94102.

Continental Spectator

IN OUR 17th SWINGING YEAR



EVERYBODY SWINGS WITH "CONTINENTAL SPECTATOR"

- 132 full-size pages loaded with personal ads and wild nude photos
- Nationwide listings - many with addresses & phone numbers
- Sexy couples, pretty girls, gay & bi males who want to meet YOU
- PLUS swinging articles, stories, readers comments, places to meet swingers and MORE

For a copy of the latest issue mailed 1st class, send \$6.00 to: **CONTINENTAL SPECTATOR**, Room 603, Dept. T, 147 West 42nd Street, New York, NY 10036. Please state your age.

PASSPORTS and DUAL CITIZENSHIPS are now available from Castellania.

It is still possible for you to obtain a genuine Passport from the Principality of Castellania in any name you choose. Castellania was established in 1974 and its Passports have been accepted by about 100 countries on an individual basis. Coins and postage stamps from Castellania are or will soon be available also. Many other opportunities exist in areas of "off-shore" banking, formation of companies or corporations, and so forth.

An information brochure, passport and naturalization information and application will be mailed to you, upon the receipt of \$5.00 US.

Address all requests and make payment to:
The Commerical Representative of the
Principality of Castellania, P.O. Box 40201,
Pasadena, Calif. 91104 USA.