HOMENADE FIREWORKS Pt. 1

By The Magician...
Of all of mankinds inventions throughout the By The Magician...

Of all of mankinds inventions throughout the ages, Fireworks must rate as one of the most spectacular and enjoyable. Unfortunately, due to a small percentage of people who mis-use fireworks (such as by throwing them at people, and using them for destruction) we all must suffer. In 1967 the federal government all but outlawed and class of firecrackers over 50 grains of powder. Thus no more M-80s, cherry bombs or block busters. On top of this, many states have outlawed the sale or pocession of fireworks entirely!

For those that still have a love for fireworks, there are some options. The first is to buy them illegally. M-80s etc. are still readily available on the blackmarket. Another way is to have phriends going on vacations etc. buy them for you in states were they are still legal and bring them back. (You will not be able to get m-80s etc. this way). A third possibility is to build your own, and have phun doing it!

In a divergence from our normal electronic discussions.

own, and have phun doing it!

In a divergence from our normal electronic discussions, I will tell you in this, and a subsequent article exactly how to build some of your own homemade fireworks devices.

First lets discuss VERY important safety procedures. IF YOU DO NOT HEED ALL OF THESE SAFETY PROCEDURES, YOU HAVE A VERY GOOD CHARGE OF BLOWING YOUR HEAD OFF !! If you follow them, risk is minimal, and relatively safe. Neither TAP nor the Author can take any responsibility for any injuries or damage resulting from the following information. information. RULES:

Wear eye goggles to prevent eye injuries.
 Keep chemicals in a cool, dry SAFE place.
 Never smoke or have any flames around your work

4. have a fire extiguisher and water close by 5. When mixing chemicals, do so very general area.

5. When mixing chemicals, dc so very gently. Do not grind together

6. Mix only very small quantities of chemicals at any one time.

7. Use only paper casings. NEVER rut mixtures in any metal or glass containers (such as c02

cylinders)

8. If you have a dud, leave it urtil the next day and then bury it. do not try to reuse it. 9. Several books on fireworks now available from publishers recommend mixing chlorates (Such as Potassium Chlorate) with sulfur for explosive compound. This can be SUICIDE! The chlorates can react spontaneously with sulfur and blcw up for no apparent reason. At best the mixture is extremely unstable and will blow up with crly a slight jar or change in temperature! Sc, NEVER mix sulfur

and chlorates.

10. Last but not least, USE COMMON SENSE!

Now down to the good stuff. We will first discuss making M-80s. You will need four basic discuss making M-80s. You will need four basic components. A paper case, end rlugs, safety fuse, and powder. The case can be purchased (recommended) from one of the distributors listed later, or can be made by taking a grocery bag, cutting about a 1.5 inch width strip about 12 inches long, coating it with elmers glue, then wrapping it up around a wood dowel and allowed to harden.

The end plugs are easily made by cutting an approx. 1/4 inch length of appropriate width wood dowel (same size used to role case) The safety fuse is best bought from a distributor 3/32 inch

being the standard.

The powder is made as follows In a non-metal bowl, grind either potassium chlorate or potassium perchlorate until it is very fine with no lumps, then weigh the powder. Take some black aluminum dust and weight it getting a proportion (by weight) of approx. 7 parts chlorate/ perchlorate potassium aluminum dust.

After weighing, wery carefully thoroughly mix the two chemicals together in a non-metal bowl being careful not to grind or crush them. Drill a small hole in the tog of your casing

prill a small hole in the tcr cf your casing (not anywhere near the chemicals) and insert approx. 3 inches or more fuse so that the fuse hits the bottom of the casing. Put a little elmers glue around the hole to seal the fuse. Coat one of your endplugs with elmers and insert it into one end of your casing so that it is flush with the end. Pour powder into the casing until it is about 1/2 full. Filling it only 1/2 gives the powder room to burn and will explode much louder than it would if totally filled. would if totally filled.



FEBRUARY

TAP

1982

No. 72

Lastly, coat the other endring with elners and insert it, making it flush with the ends. Allow completed M-80s to dry thoroughly. After Allow completed M-80s to dry thoroughly. After drying completely, they are ready to qc. Never light and throw them, because there is a slight possibility the fuse will "flash through" or burn to rapidly and cause the M-80 to blow up in your hand. Always lay on the ground, light and run!

Block busters are made the same as M-80s, only with larger tubes. You may want to experiment with mixing in sawdust with the explosive powder as this can increase the loudness of the explosion. Also, mixing in about 1/3 (but 1/3)

of the explosion. Also, mixing in about 1/3 (by weight) magnesium powder seems to add to the effect. Note: Commercial blackpowder powder burns to fast and does not work nearly as well as the above mixture in making M-80s blockbusters

Cherry bombs are made the same as M-80s, but instead of paper tubes, you take two little half circle paper cones (available from distributors), put a hole in top, insert fuse and about 1/2 fill with powder. The halfs are glued together, the whole circle is then dipped in elsers and then colled in each of the assembly is then allowed to whole circle is then dipped in elects and then rolled in sawdust. The assembly is then allowed to completely dry, forming a very hard cuter shell. The shell can then be spray painted the traditional red, or black etc. if desired

The following ______ casings, fuse etc. to make firework to make firework westech Corr.
P.O. Box 593
Logan, UT 84321 The following are the suppliers of chemicals, to make fireworks:

(Catalog \$2.00)

Pioneer Industries 14% Hughey St. Nashua, NH 03061 (Catalcg \$1.00)

Pt. 2 of this article will discuss more advanced items such as whistle rockets, fountains etc. Have phun, but please be careful and use common sense! Also remember the illegal nature of completed fireworks in many states. Send any comments, questions, new formulas etc.

TAP C/O The Magician

1982 **Credit Card Code**

For 1982, the Check Digit is keyed to the LAST digit of the billed phone number. The 1982 Credit Card Code

IF LAST DIGIT IS : CHECK DIGIT IS: 6 2 4 3 4 8 3 5 8 9 0

TAP Credit Card Hints Fact Sheet #1 is still available. This How-To fact sheet costs 50¢. CHEAP!!!!!!!!!!

Random Ramblings No. 1 COSMOS

or: FMUL NUMICONERY

It is said that Dw 1984 timiest you have some knowledge or computers you will be unemprovable. By 1984 controlled the computer will have endifferented into various. But 80 mes 1 loos. Back in the early of the solid time of the computer will be solid time. Back in the early will be solid time. Back in the early will be solid time. Back in the early will be solid time. The early series of the early will be solid time. The solid time and separate attributes in first forward and separate attributes. In this column and separate attributes and their functions. This mere to meir you deive anead this expanding technological fields. This would be a could time to det your computer nacking friends to subscribe.

Before I explain the wonders of his Bell's COSMOS computer system. I'd like to make a few mandom comments (thus) the name of this collimn?. POSS BUSS UNINCORPORATED - Please det in touch with me via TAP:

MUSHROOM t SPOOL DRIVERS: All hundy, in #67, explained how to pick locks with mushroom and spool pins. His shifter was schewnat inaccurate, as a moressional physical & computer security consultant: I can say that picking mushrooms and spools is almost imnossible. To pick them, you must pick all the pins at once. To do this, you need a E-7 PICK own or the equivilent. These private the pest results. If the lock is a mEDECO brand high security cylinder, force; it entirely.

AN INTERSTING THINS HAPPENED THE OTHER DAY DEPI.: A few weeks ado: I reluctantly operated on my \$900 modes, and wrote a commuter program to dia. numbers sewmentially and low for a commuter to the consecutive day. 2500 woderning subscriptions to consecutive day. 2500 woderning subscriptions later. Has Bell anonymously decan cutting of the model that note for the next three days. Finally, after I raised a little hell, end threatening call the local Bell security office common call the local bell security office common they left my propose alone. I've open a nit

DID YOU KNOW DEPT.: The pilling computer center for all of Pacific Telephone and Newada Bell is there in Caifornia was talking to memory the transfer of the pilling computer center for all of Pacific Telephone and Newada Bell is mere in Caifornia was talking to memory the up there, and inanned several interesting thinks. Number me, there is a old thick book chained down to the console in the mitter proom that insis virtually AL computer dialogs into misc. Bell System data processing centers. If any BEL meories should obtain one. I will purchase a copy from you...Number two, one billing run prints pills with FICCITIOUS pencie numbers. If you are an immortant person, you can request your prints only an empericant person, you can request vote for any one of the runs they do is to print out a HIGE street address directory for all of northern Caiffornia...Nun-Published numbers. Thirdly, one of the runs they do is to print out a HIGE street address directory for all of northern Caiffornia...Nun-Published numbers and all. Moulon't you like one of those? Lastly, the Bell credit card you det is only one of about five other forms that are printed at the same time your C.C. is epinted. I wonder and dets when cortes??

Important accounts used for service order entry are: BIN, ROOT, COM, COM, COMS, etc. Some nave no measureds, while others have 6 characters assured as SMMDF, BSLAC, METERSI, RINGET, etc. (As you can see, the Test Board uses COSMOS).

Well: I'm out of space. My next column will emplain the use of COSMOS for devious thinnes, and include a Southern California cusi-ue to practice on. If you have questions on comments, pieces write me at TAP.

If you want to cut your phone bills, cut out this chart.

Back Issues are \$.75 each. Issue \$50 is \$1.50.

Subscriptions - 10 issues - US Bulk Rate \$7.

US Bulk Envelope Rate \$8.

US First Class in plain sealed envelope \$10.

Canada & Mexico First Class \$10.

Foreign Surface \$8. - Foreign Air Mail \$12.

IMPORTANT! Please include your mailing label or a Xerox copy whenever you write to TAP about your subscription. subscription.

<u>Rlectronic Courses</u> - \$.75 each. A - DC Basics,

B - AC Basics, C - Phone Basics, D - Amplifiers.

TAP "Na Bell" <u>Patch</u> - \$1.50.

TAP "Toth Anniversary" <u>Pen</u> - \$.50.

TAP <u>Cassette</u> Tape - \$4. Hear Capt Crunch. Al Bell,

JOE Engressia & Bell Security Chief John Doherty.

Send <u>CASE</u>, check, or money order to: TAP, Room 603, 147 Mest 42nd Street, New York, N.Y. 10036.

INTERNATIONAL LAW: JURISDICTION by Dr. Atomic

How far does the jurisdiction of the United States go? One would reasonably suppose that it covers all of the territory and out to sea for two hundred miles. There are, however, international situations where the question of jurisdiction is not clear cut.

For example, Mr. "A" sells 100 pounds of hashish to Mr. "B" (who is an American) at a bar in Kabul, Afghanistan. Later, Mr. "B" gets arrested in the U.S. with the hashish, and he implicates Mr. "A" as the supplier.

The question is, is Mr. "A" criminally liable for the sale of the hashish if the sale took place outside of U.S. territory, and in a country where hashish was legal? The answer, unfortunately, is Yas, he is liable. The jurisdiction of the U.S. extends further than one would reasonably expect because of its conspiracy laws:

From U.S.CA., Title 21 ss 963: 11. Overt Act. It was not necessary to conviction for conspired to import narcotics that it be shown that defendant committed an overt act within the U.S., where other members of the conspiracy did so. U.S. v. Canta-La Luz, CA Cal. 1971, 443 F2d 413.

And from Rivard v. U.S., 5 Cir. 1967, 375 F2d 882:

7. Criminal Law (key) 97(3). Man who outside of a country willfully puts in motion a force to take effect in it is answerable at place where evil is done; acts producing detrimental effect within it, justify state in punishing cause of harm as if he had been present at effect, if state should succeed in getting him within its power.

in getting him within its power.

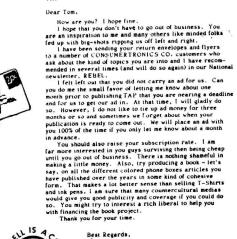
If the state wants to prosecute someone for an act done outside of its jurisdiction, and if that person is located outside No.5 territory, the State often succeeds in cetting them within its power by kinney especially if extradition is not power by kinney especially if extradition is not possible world — both citizens and non-citizens alike. And there are many kidnappings, mostly for narcotics offenses. Government agents are known to pay off local police and body guards, whenever practical, to facilitiate a smooth kidnappings, also, Judges are not concerned how the defendants got brought before their benches, and they are not sympathetic to complaints of kidnap.



Dear TAP:
Recently the Bolling Stones played at the Collesium here
in Los Angeles. Of course I "phone phreaked" my way
backstage (see enclosed zerox of The Pass...), but to fill
the time between bands I brought along 100 copies of TAP
to distribute amongst the masses. Taking whatever donations I could get (\$13.40 is enclosed) I mat alot of other
phreaks this way.
It's a great way to help Fuck The Bell System and make new
acquaintances at the same time.

P.T.B.S. *
Room 105
10528 Lower Azusa Road
El Monte, CA. 91731

*And we all know what F.T.B.S. stands for, right? If, for some reason you don't know, send a S.A.S.E. and I'll be happy to tell ya.



Best Regards,

Tresident, Co esident, CONSUMERTRONICS CO.

JOHN J. WILLIAMS

505-434-0234

P.O. Drawer 537, 2011 Crescent Dr., Alemegerde, NM 88318

TOM EDISON

Dear Tom.



Dear Ton:

I love you when you get tough! Your GODFATHER approach was original and well taken. Maybe TAP needs a commander instead of an editorin-charge. Put me down for two pens and a renewal.

This is a stickdown

WAVERLY. Onto — Sticky fingers were in-ed in a drug store robbery, but the victims had them,

volved in a drug stare robbery, his use 'recommend the Marwer.

Waverty police say two mee ensured the Waverty Drug Stere just after closing time bloodsy and took as undetermined amount of money and drug it purpose, because of the same of the store is supposed to the logic it purposed behalf of the store is employed to the logic to tary to make certain they couldn't after the authorities, officers and better the proper public the marker one and called pation, and Capil Mike Coreen.

Management or arestst over reported.

Jear People of TAP.

PRINCE

LIGGER

Dear People of TAP.

R collegue of mine and I recently recieved all of the TAP (VIPL) back issues. They are very hard to mut down tike a good book. Even though some of the material is almost a decade old, it is till usery necresting, many of the past issues have some harsh language directed at subscribt his tactic is discounted by the consider that they will be a contribute in lone way. This tactic is discounted by the consider that they will be the motivation it took and still does) to produce such material. No many setting a barsin, if it were'nt for Robby, all Too are setting a barsin, if it were'nt for Robby, all Too are setting a barsin, if it were'nt for Robby, all Too are setting a barsin, if it were'nt for Robby, all Too are setting a barsin, if it were'nt for Robby, all Too are setting a barsin, if it were'nt for Robby, all Too are setting a barsin, if it were'nt for Robby, all Too are setting a barsin, if it were'nt for Robby, all Too are setting a barsin, if it were'nt for Robby, all Too are setting a barsin, if it were'nt for Robby, all Too are setting a small commuter recommance a ensurement at a midwestern University. He recent is a construction a small commuter that will do "everything". I still have some more reading to do to find out what "everythings" is. It shall be called the "OMMI BOX". Considering what it util do it will be small. There is a lot of work and debugging that will have to be done. Be reatient, I will have it by Christness '31, And when I do, it will be yours.

Thanks for existing

Dear Tap,

Mell, I see you're starting to join the real world & exercise a seall power play. Don't know about the rest of you're subscribers, but it worked with se! Heres 2 bucks for one of your "Machiavelli Anniversary Pens" and a "Ma Bell" patch. Resember,...threats always beat pleas!

Dear Readers,
This is an open letter to all of you, especially
those who have been reading TAP for a few years.
Recently it iseems that TAP has been publishing an
ever-increasing amount of information on drugs!
I'm sure that this is becuses you people are sending this shit in, and not phone info...now, I ceratinly don't object to anyone's right to get high
and fly, but fuckin' A, are we losing sight of what
TAP was originally intended to be?
I feel this way: There are enough fucking newspapers, magazines, and other periodicals that publish shit on drugs! Why waste valuable TAP space on
shit that can be found all over the place? TAP, as
far as I know (correct me, please, if I am wrong...)
far as I know (correct me, please, if I am wrong...)
far you want to read about drugs, buy a drug rag. If
you want to write about drugs, send it to your mother.
And if you DON'T want to read about drugs, send in
a goddamn phone-related article to TAP! And remamber,

F T B S !!!!!

F T B S 11111

At every opportunity...in every conceivable way...
...for every possible reason...

Frank T.B. Schuster

Classifi

The TAP Classified Ad Sheet is published as a service to our readers. All ads <u>MUST</u> be typed and camera ready. Ads will appear in the next ad sheet camera ready. Ads will appear in the next ad sheet whiles 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.

SCIENCE FOR THE PEOPLE

bimonthly

Progressive views on science and technology -addressing elitism, sexism, racism defining a people's science

\$10/year from Science for the People 897 Main St., Cambridge, MA 02139

BEAT THE GAS PUMP

and strike back or BIG OIL! 18 ways of getting fuel FREE or at greatly reduced

23 photos, 6 line drawings. Big, 81/2 x 11 pages. Written by former Big Oil employee

\$25.00 each

DEALERS WANTED! List \$1.00 (refundable)

TECH-GROUP

Box 3125 Pasadena, CA 91103

PICK LOCKS

PICK CONFIGURATIONS PROGRAMMED TO CONFORM TO AN AMAZING 88 8% OF ALL 5 8 8 PM ISTANDARD 8POOL INCLUDED AND DISC TUMBLE 1 LOCK COMB NATIONS AVERAGE OPENING TIME 2 30 SECONDS

COMP1). Set of 12 picks (30 configurations) and 3 to tools Top grain leather case and complete instruction m

COMPIX

Consumertronics Co.

Entinental Spectator

IN OUR 17th SWINGING YEAR



EVERYBODY SWINGS WITH "CONTINENTAL SPECTATOR"

- 132 full-size pages loaded with personal wild nude photos
 Notionwide listings many with add
- Say couples, pretty girls, gay & bi males who want to meet YOUPLUS swinging articles, stories, readers com ments, places to meet swingers and MORE

For a capy of the latest issue mailed let class, se \$6.00 to: CONTINENTAL SPECTATOR, Room 6 Dept. T, New York, NY 10036. Please state your age.

WORLD'S MOST POWERFUL NON-NUCLEAR EXPLOSIVE

Easily made from relatively available components. Another easily made explosive described is more powerful than dynamite or TNT. Report sold for informational purposes only. \$5 CASH.

WANTED: a VERY discreet printer.

WANTED: SB-22 switchboards, field phones, and other military com-munications equipment.

Reply to Box X c/o TAP.

GAY INSURGENT

A GAY LEFT JOURNAL

"All public and academic libraries should obtain the Spring '79 issue ... GI is a clean, responsible and articulate voice in a sea of emotional, public media flotsam ... Strongly recommended ... —New Magazine Review.

ISSN 0163-9897

urce meterial . . ."

—Gey Community News.

well worth sending for."

—Gaycon Press Newsletter

thicker, attractively typeset and designed if ull of original and important writing.

—Carrier Pigeon Trade Newsletter.

any thought-provoking articles . . . e high terary journal . . .

-Childhood Sensuality Circle Newsletter.

Indexed in Alternative Press Index: selectively abstracted in CALL (Current Awarenees - Library Literature)

Renewal

make checks payable to:

\$2.50/seus. Levredor Archives

\$2.50/seus. Dept. 197, P.O. Bus 2257

Please begin
subscription with
current/maxt issue.

\$1.00/year worldwide.

AMOUNT ENCLOSED: U.S. s.

STREET: CITY-STATE-ZIP:



Reply to Box X c/o TAP.



SOLAR ENERGY DIGEST P.O. Box 17776 San Diego, California 92117, USA

HIGHLIGHTS - NOVEMBER 1981 Vol. 17, No. 5

Solar One Update
Has a "Perpetual" Solar Engine Been Found?
Schroder's Mountain Wind Farm
"Free" Solar Systems Possible?
Why Not File Your Own Patent Application?
40,000,000 Chinese to Get Biogas
Clear Glass with 27 Times as Much Insulation Value
Firing Garbage from a Cannon
Solar Tax Credits Overwhelmingly Supported
Recovering Oil Shale Gas and Oil with a Laser
New Method Converts Sewage to Methane in Hours
Startling Solar Energy Store
Largest Parabolic Dish Array 80% Completed

TONTI SYSTEMS

ELECTRONIC SURVEILLANCE Preassembled/Project kits complete with all needed component acces—

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

Send \$1.00(refundable) for the most fascinating catalog of "Con-fidential Electronic devices"avril-

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

TONTI SYSTEMS 537 Jones St., #8816 San Francisco CA 94102.

YOU CAN

WITH BOOKS TROM TECHNOLOGY GROUP! COVERING URBAN, RURAL & RETREAT SURVIVAL, AND MANY OTHER SUBJECTS AS WELL!! Discounts to 60% on some titles.

DEALERS WANTED !! List \$2 (refundable with order). TECH-GROUP, Box 3125, Pasadena, Calif. 91103 USA

FTBS

IF YOU BELIEVE THAT THE

MORAL MAJORITY

IS

NEITHER!!!

And you want to know what YOU can do to INSURE YOUR RIGHTS under the First Amendment to the American

Constitution, send a Self-Addressed Stamped* Envelope
to FTBS, Room 105, 10528 Lower Azusa Road, El Monte,
CA., 91731, and in return we'll send you our pamphlet entitled

"MASS PROPAGANDA IN AMERICA: ARE YOU A VICTIM???"

We'll also send you some other information on how to FTBS!!!