





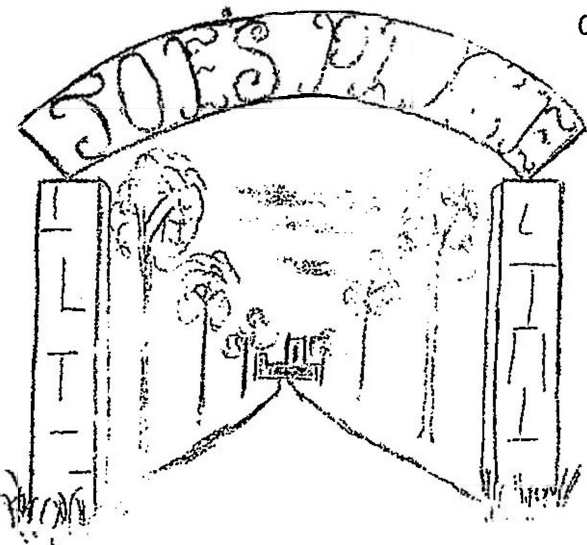
This is the 6th issue of BINARY, a magazine produced for the 41st mailing of the Off Trails Magazine Publishers Association by J.P. Patrizio, from his home at 22 Eaton Rd., St. Albans, Herts. All material in this issue is by jp except where otherwise stated.

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J.P. Patrizio (c) 1964

binary 110



COVER: The cover this issue, is by the late Hanes Bok. He did not do it especially for BINARY. At least I hope the cover is by Hanes Bok, or perhaps I should say that if there is a cover it will be by Bok. All this mumbling stems from the fact that although I have the cover on stencil (see below) I have qualms about being able to run it off.

I don't know where the drawing came from originally, but its history in Great Britain started when it was sent, some years ago, by Forry Ackerman to Bill Temple. Bill gave it to the 1968 Convention at Gloucester, and before going there it resided in the flat occupied by Ted Forsyth and me.

It came to the Con where Ted promptly bought it in the auction, and carried it all the way back to London. On his last visit to us Ted was explaining a photographic process for putting line drawings on stencil, when I thought it would be a good idea to use this drawing in BINARY - Ted obliged, so here it is (isn't it?).

#### ADVENTURES:

Now what mad, gay adventures has life thrust upon me since last I cavorted with this merry throng. Well, we've been on our holidays. This was two weeks on the South Coast - with very variable weather. In fact I managed to come home with severe sunburn and a touch of frostbite (well, almost). We went to a small village we last visited just before we got married; however it has now turned into something of a seething metropolis, with a housing estate which stretches into the distance in all directions. At times it seems a pity that people have to live in houses. I saw recently, in the paper, that the fish and chip shop which is on the beach at this place, was taken apart by some members of our high spirited youth; I gather that quite a few adults watched them do it - probably gave them a few pointers.

We have also bought a dog. We call her Bonny (most times) and she is just three months old, and there are times when we wish we hadn't. She is a cross Old English Sheepdog and Spaniel; everybody who sees her looks at her paws and says "My, isn't she going to be big". It's good to have friends. When I took her to the vet to have her anti-distemper shot, his assistant gave an evil laugh and told me that it was going to be a woolly one. Oh well, I always wanted a big woolly dog, I always wanted a big woolly dog, I always wanted a big woolly dog.....

#### BEATLES:

It's funny how an innocent little remark can raise a flood of comment. What I said in the last BINARY about the Beatles, I stand by. They have minute musical talent and not one of them can sing a note - unfortunately, Ringo is the only one who admits this. When I said this I expected little if any response from the membership -and what happened?

I got enough comment for me to be able to conclude that I am the only OMPAN who can't stand the Beatles. I must say I'm surprised, and rather sorry, to see this lack of musical discrimination in the rest of the membership. I'm afraid I must class you all with the peasantry, the admass, being manipulated by recording company gimmicks, for let's face it would anyone with an iota of musical appreciation listen to the Beatles when they could be listening to the Rolling Stones?

#### GOLDWATER:

Goldwater receiving the Republican candidature for Presidency fills me with fear and horror. That a man peddling the policies he does, can get elected makes me wonder how we can ever come to terms with Communism when we can't even keep our own women under control. The man is so confident in his own duplicity that he can take the candidature on an extremist platform, and then not blink an eye-lid as he later denounces extremists and protests that he is nothing but sweetness and light. I'm doubtful if I could trust him. We all will be anyway, if the USA decides to go to war. Tell me, US GOP members, will any of you vote for him?

#### BOOKS:

Recently I've started buying books, mainly from OXFAM sales where I've picked up quite a few bargains and some oddities. The bibliophiles among you may be interested so I'll list them with any relevant comment.

A Canticle for Leibowitz - Walter M. Miller Jr. pb edition in good condition inside but some idiot has taken a ring out of the cover with a tea cup.

The Minerva Word Finder - Paul D. Hugon. This is the British edition of an American book written in 1927. It's a cross between a dictionary and a thesaurus, giving the derivation of words and doing some grammar as well. Interesting, amusing, useful; a good buy at 6d. for 420 pages.

Crux Anxiosa - H.G. Wells. A thin Penguin published in 1943. I haven't read it yet but it develops an argument for the bombing of Rome (and the Vatican) during WWII. It looks as if Wells takes his usual side swipe at the Church.

Catch 22 - Joseph Heller. A cynical look at WWII (see Terry Carr's 'Dark Star' for review). A real bargain this was at 1/- for a mint copy.

Allan's Wife - H.R. Haggard. Unfortunately, not in mint condition. The text pages are fine but the cover boards have started to come away from the spine. It's a first edition I caught as they were throwing it out at the end of a jumble sale, so I can't complain.

Ben Hur - Lew Wallace. This another 1st edition I got in the same way as the one above - same condition, too.

Pear's Cyclopaedia; 33rd ed. 1928. A bit beat up, this one but there's enough in it to hold the interest for hours.

Martin ... , The Coral Island; The young Fur Traders - R.M. Ballantyne. All good, clean, blood and gory fun which I got for the day Andrew can read ...

Last and First Men - Olaf Stapledon. 1st edition Pelican pb. I got this some time ago but it is of interest, to me at least, because it is complete with dust jacket; before getting it I didn't even know what pb. and dust jackets.

I've discovered another good way of collecting hard cover SF. You find somebody who belongs to the SF Book Club, and who also reads hard cover SF. When they get a book from the club, which they have bought elsewhere, you get one of them. The latest addition to my collection via this method is Children of the Sky; R.A. Heinlein - thank you Ted Forsyth. This book was originally published in 1941, in Astounding, as the stories, 'Universe' and 'Common Sense'. I hadn't read them before, or I had then they didn't stick. I expect you have all read it the story of travellers in a space ship which, due to trouble early on in the trip, they think is the whole universe. It is typical Heinlein and could have been written yesterday. He was, perhaps, a little subtler in the presentation of his views of life in those days, but they are still the same - very Hemmingwayish with real tough men, women in their place, and plenty of blood. As you would expect, very readable mostly, particularly in the action bits, but not too much in the way of characterisation.

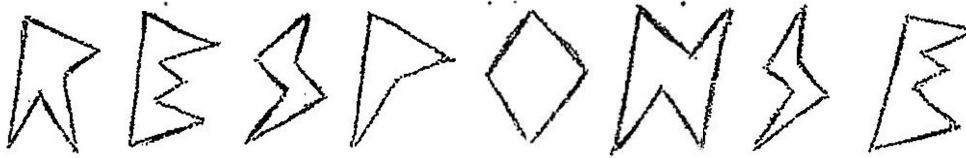
A book I got out of the library a few weeks back was '7 Days in May' - Fletcher Knebel and Charles Bailey. The film has been going the rounds recently but I missed it, much to my disgust. This book could be claimed as fringe SF as it takes as its setting Washington in 1974, and develops the theme of the discovery by the US President that an extremist right wing clique of the military plan to overthrow the government and take over - for the highest possible principles, of course. The plot is developed very well, with the situations believable and the characters real. I was particularly impressed by the way the writers got over to the reader the feel of the Presidency; the way they showed the strain of trying to ensure that every decision is right, and each decision having to be made alone. A very good book - one of the best I've read in a long time.

#### ENGLISH AS SHE IS SPOKE:

We have a young French boy staying with us at the moment, and naturely he asks questions about English words and their meanings. The other day he asked me what 'heater' meant, he had found this word in a book he had been reading. I, of course, gave him a more or less standard dictionary definition, and then asked to see the book so I could tell him exactly what it meant in the context and all that. The book was a 'Saint' novel, and the passage from which the word came described a man who, it said, "...was as familiar with the typewriter and the pineapple as he was with the common heater".

END





TO THE 40th  
MAILING

VAGARY 19: How come you can stuff a whole mag full of comments and ideas that I disagree with and still I keep on looking forward to the next one? Your book classifications are so full of generalities that they are almost laughable..all I can say is that you must go out of your way to read some rotten literature in a field where there is a lot of good stuff. And anyway, what's wrong with girls having coloured boyfriends and, as you say, vicky vacky?

Your article on witchcraft was most interesting. I can't believe in witchcraft or being anything other than another facet, or manifestation of ESP. All the -jumbo surrounding it is, I'll bet, as meaningless and unnecessary as chrome plating on cars. Astrology too, although I must admit interesting, is so much rubbish as far as having any real significance in life is concerned. There are too many ifs and perhaps'; Things can mean one thing or something else the very opposite, which takes care of every other nuance in between. Sorry, not for me. But I hope we don't have to wait so long for the next VAGARY.

WHATSIT 8: For your information, I collect my odds & ends simply by keeping my eyes and ears open. TV, the newspapers, and any trade or other mag I pick up supply a wealth of idiot information..seasy.

BLETHERINGS 36: Ethel dear, if you had read what I said in the last BINARY, rather than what you thought I would say, about the Empire Loyalists, you would have seen that I was talking about Tories and not Labourites. Methinks you fly off the handle too much.. but then that's a failing rife in the Socialists, isn't it?

COMPACT 4: So you want to lose weight. Well Anne's had great success with a six-meal-a-day diet; little and often of well balanced stuff. However, what I don't understand is how on earth you put on weight when all you seem to have is tea. All I can suggest is that you leave out the sugar and if that doesn't work try leaving out the water.

So! you know what Forsyth was like; why did you encourage him?

KOBOLD.V2N1: Well hello there, fancy meeting you here. From the way you're talking about OMPA and all the things which may make you give up your membership, I would say that it wont be long before you drop out. About three years ago I was in much the same position as you are now, so I have a fair idea of the pressures on you now. However, I was keen on staying, and are obviously not...I think goomy.

PROCRASTINATOR 2: Only two issues and already you have become one of my favourites. I believe that the name 'Joseph' means 'fertile' rather than the 'prosperous' you suggest; these are similar, I agree, but there is a subtle difference.

I'm in complete agreement with you in your rantings about the

way history is taught; it isn't any different over here. I feel it is a terrible reflection on the way I was taught, that I have very little knowledge about the interaction, if any, between the various civilizations eg Chinese, Egyptian etc. and this is only one of the things I don't know. Sure, I could read it up, but why don't you read all the things you sent.

John's article on the police forces was quite edifying, but he would keep on saying 'English' in places he should have been saying 'British'. Did you know that the police are still baroque? The force of each district is independent, and although there is a great interchange of information, this independence is jealously guarded.

KEIN 04-F 3: This only the third issue? Gad, it seems like you've been around for years. Your story of the birds (flying type) in the wards, reminds me of the time my brother was convalescing. He was in a bed which was out in the open, and if he was asleep, then the nurse brought in tea, there was usually very little left when he woke up, as the birds just flew down and ate it. I believe they even sat on the bottom of the beds waiting until the patients were finished so that they could lean in to pick off what was left.

AMBLE 18: You know, it took me a remarkably long time to remember what you were getting at with your Patriño, but I got it in the end. You may be interested to hear the latest episode in the saga of my much maligned handle; when I get my pay slip, it has printed in large letters right on the top 'Patriño'. Which only goes to show that IBMs can't spell for peanuts.

DOLPHIN 7: Well, well, fancy anybody considering turning in FAPA in favour of OMPA..glad you're thinking about it that way round, though.

I just don't get how you can shut your eyes to all the ifs and buts in connection with the Kennedy affair. From this side of the Atlantic it all seems just a bit too simple to say that Oswald did it, and very, very convenient that he happened to be a pro-Cuba man. It's even more convenient that he is dead...and didn't have a chance to defend himself. Sure, he may have done it, but you can't say that the evidence overwhelmingly supports this view, now can you?

Another disturbing point in your comments was the use of the term 'liberal' in a derisive context. In my dictionary 'liberal' is defined as "broad minded; favourable to progress and reform". Now, if you have any objections to these concepts, I'd like to hear them, as they seem OK to me.

On a more amiable note, I enjoyed the Harriette Wilson article and also the wine making one. We have quite a few recipes for home-made wine, which look good; all we need is the time to get down to it. Have you got a good, quick way of making a rhubarb wine? If you have, we've got enough of the stuff in the garden to give all fandom a hangover.

ERG 20: Once upon a time I had quite an interest in heraldry, so Ken McIntyre's article about same gave a fair modicum of pleasure. You may not know it (on the other hand, you may) but the man who doles out Arms in Scotland is known as Lord Lyon, King of Arms, and theoretically has absolute power over anyone who does something he doesn't approve of (in the way of heraldry, that is). For instance, if you design your own Coat of Arms without telling him, and he catches you at it, then he can throw you



into jail without trial, and leave you there until he feels in a better mood.

MORPH 35: Complete agreement from this quarter on what you said about Art. I think I'm saying the same as you when I say that Art is primarily an emotional experience, and then an intellectual one. Like, first it's got to turn you on, and then you can try to decide why.

You would be surprised at the people who still get very het up over the Shakespeare-Bacon controversy; Sir Larry himself, for one, has said that if it were proved that Bacon wrote the plays (or it may have been Marlowe) he would never act in them again. This, of course, brings up the old question; is a work of Art something definable in itself, or is it so because it was perpetrated by the right person?

PANTHEON 1: The most significant thing about you mag was the extensive and irritating use of the editorial 'we'. There were times when I wasn't at all sure whether you were talking about yourself or Gerfandom in general. Still, I liked Pantheon, and there was a fine touch of cynicism showing through. Welcome to OMPA.

LEFNUI 3: An excellently produced effort and a joy to read. One of the best mags in the mailing.

SIZAR 12&13: Re your attack on Ella; perhaps I did misread you, but so it seems did everyone else, which indicates a rather bumbling approach to the subject, on your part. I feel you have a point about being called malicious etc. but I do think you brought it upon yourself with a crude and shallow description of Ella. By the way, Ella is not English.

Very best wishes, and much happiness to you and Eileen. You misquoted Burns again, damn you, but in spite of this I hope you stick with us.

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WATCH THIS SPACE

(you wont learn anything, but it's very neatful)

# BUILD YOUR OWN DUPLICATOR

The building of this high speed rotary duplicating device will present no difficulties to those with even the minimum of mechanical knowledge, and the few evenings spent away from the TV to build it will be amply repaid by the deep satisfaction and pride gained from creating and owning such a machine.

In the design of the duplicator, it was realized that cheapness would have to be a pre-occupation. At least all the materials used will be found in the scrap pile in the attic or in the cupboard under the stairs - at worst you will have to pay a shilling or so at your local junk yard.

The duplicator comprises basically of an old washing machine complete with a mangle; the mangle can be manually operated but, of course, it is better if it is power driven and I have assumed this is so. If, in fact, your mangle is hand operated it will make no difference to the building of the duplicator, and will simplify some parts of it.

The modifications required to convert your washing machine are shown in the part sectional sketches Fig 1. Now let us look at these modifications in detail.

## STENCIL DRUM and INK FEED

One of the simplest parts of the machine (see Fig 2). The drum spindle is fixed at its end in brackets. A rubber sheet is fitted as in conventional duplicators. Ink feed is controlled by a scissors action via a control in the front of the machine. The ink tube is squeezed, forcing ink down the pipe and out of a series of holes which are evenly spread when the machine is in motion.

## ROLLER MECHANISM

The difficulty here is that normally the two rollers are thrust against each other at all times. This is useless to us as when paper is passing between the rollers ink will get on the pressure roller - a most undesirable state of affairs. To get over this, a cam is attached to the spindle of the drive roller allowing the rollers to come together only when the paper is passing between them. At all other times the cam holds the rollers apart. The cam shape is so simple that we need not go into detail here. The set-up is shown in Fig 3.

## PAPER FEED

Paper is supplied by the pressure roller to four flexible rods, as shown in Fig 4. The rods can be made from old plastic knitting needles and small pieces of plastic foam at the ends will ensure good grip to feed the paper through. It will be remembered that paper is fed through the rollers only when the pressure roller is in contact with the drive roller. Normally the roller speed will give a paper feed of about 10 sheets/minute, so it is recommended that some adjustment in the gearing is done. The maximum speed is a matter for personal preference but little difficulty should be encountered with paper feeds of up to 2000 sheets/minute. At this sort of speed the washing machine agitator will be found useful for cooling.

## PAPER HEIGHT ADJUSTMENT

Paper height adjustment is automatic; a diagram of the action is shown in Fig 5. A mechanical feeler rests on the top sheet of paper and above

a contact which is set at the minimum reasonable height of the paper. The alignment of the feeler is critical, as the paper must have easy passage through the rollers. When the paper height drops to the minimum, the feeler touches the contact, completing a circuit. Two electro-magnets are energized; these are wound so that they are of the same polarity at the adjacent ends, resulting in them pushing apart when energized. As one is fixed, the other moves out and in doing so pushes a ratchet against a slow moving cog; the cog winds up the shaft via the ratchet, and thus adjusts the paper height. When the paper pushes the feeler up, breaking the circuit, the action stops.

There you are - you have all the information you need to build yourself a high speed duplicator. I haven't gone into every little detail of the building procedure as I'm sure you will agree that they are quite obvious from the diagrams. If you have any difficulties, I'm sure you will find some way round them. Well good luck, and please let me know how you get on.

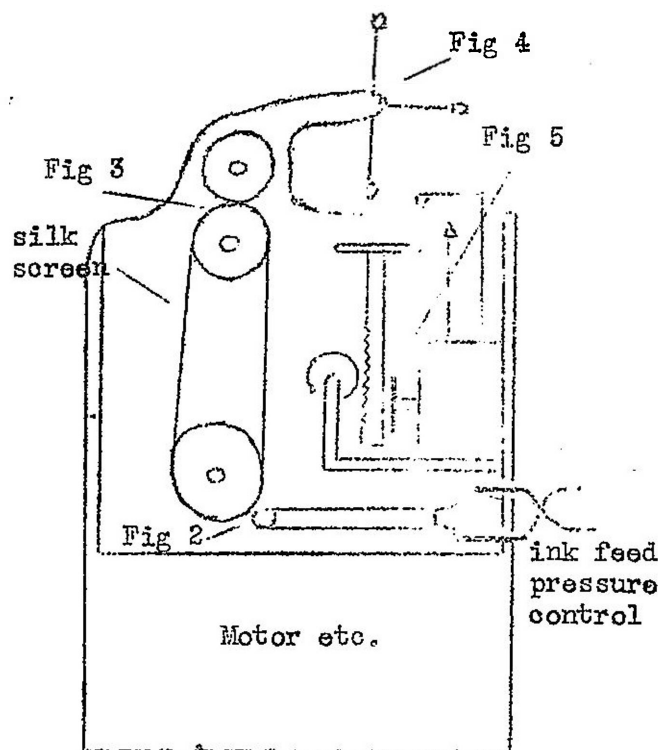


Fig 1

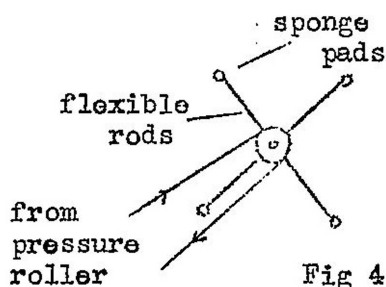


Fig 4

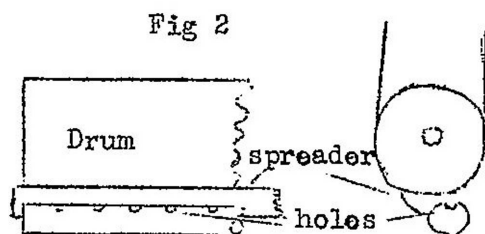


Fig 2

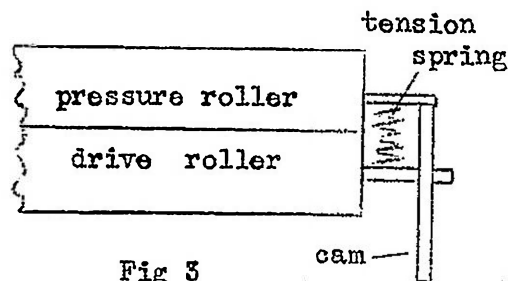


Fig 3

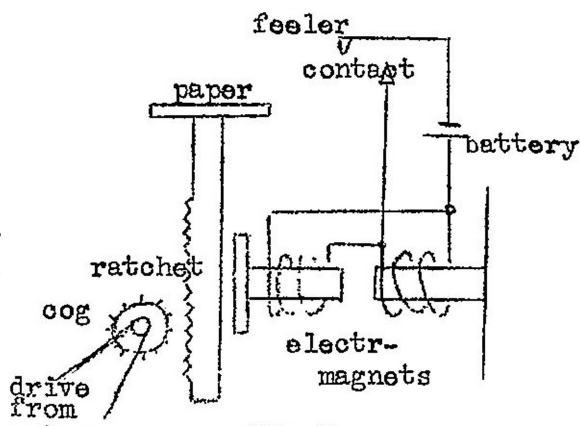


Fig 5

# Odds & Ends

John Hopkins University, in Maryland, have built what they call 'The Beast'.

It is said to have an intelligence similar to that of an ant. It walks and avoids obstacles, and 'feeds' by recharging its own batteries after seeking out wall plugs with feelers. If it gets entangled with something on its wanderings, it even panics before shaking itself free.

Electronics Weekly

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"There are only polar bears north of London".

Bill Temple

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Owing to circumstances beyond our control, the interruption of your supply arranged for.... will not now take place.

Card from the Southern Electricity Board to a customer

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A US airforce experiment strongly suggests that the atmosphere of Venus is exactly like that of Earth.

Electronic Design

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"Tune in tomorrow to see the fast moving events which lead to the final showdown between the houses of York and Lancaster."

TV announcer talking about  
Olivier's film Richard III

An instrument to detect the effects of drugs on the growth of unborn babies has been developed. It is an adaptation of a piezoelectric transducer used in measuring the impact of micrometeoroid dust in space.

Electronic Design

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"How do you feel about being grandfather to half a polar bear?"

Atom

\*\*\*\*\*

"...the only drama I have ever seen in 20 years of playgoing in which the plot hinges on a demand by a Soviet agent that the heroine should murder the hero by persuading him to have so much sexual intercourse with her that he will suffer a fatal heart attack. (I may say that it is a matter of considerable regret to me that she refuses.)"

Bernard Levin (Daily Mail)

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We know that Venus is uninhabitable.

J.W.Campbell Jr.

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Ooh! he's all slippery and horrible.

Ella Parker, about Ron Bennett..when she was washing him