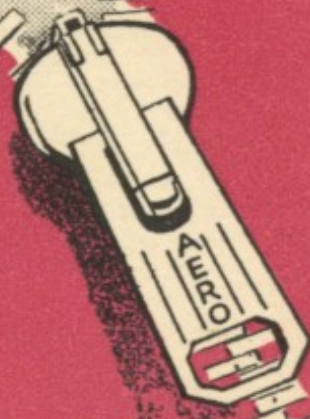


The Aerozipper

JUNE, 1950



THE WORKS MAGAZINE
of
AERO ZIPP FASTENERS LTD.,
issued from their factory at
TREForest TRADING ESTATE,
PONTYPRIDD,
South Wales.

Telephone : Taffs Well 300-301 (2 lines).

Registered Offices : 3-9, SOUTHAMPTON ROW,
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JUNE, 1950.

No. 22.

FOREWORD

By K. B. KOPPEL (*Managing Director*)

AS you will have noticed, the name and cover design of our Magazine have acquired a new look and you may well ask why we decided to drop the old name of *Punch and Die* and to call it *The Aerozipper*.

Some of you may still remember the first numbers of *Punch and Die*, which were no more than two or three duplicated sheets at a time and which were edited by the then Technical Manager. It was he, I think, who thought up the name *Punch and Die*, which is not surprising, considering that punches and dies were then his main preoccupation.

When our factory grew into the large undertaking it now is, the few roneo'd sheets became a handsome little Magazine bringing news, gossip and articles of technical and general interest to its readers—i.e. those employed by the Company; it was in fact a magazine for Aero Zippers about Aero Zippers. This brings me to one of the reasons why I asked the editor to change the name of the Magazine. I felt that the words *Punch and Die* referred too exclusively to those who actually make (and break) punches and dies and it seemed to me that the new name, *The Aerozipper*, was more appropriate as it covered all the people in the firm, including those who had never seen a punch or touched a die.

A considerable number of copies of the last *Punch and Die* was sent to customers at home and overseas and aroused quite a bit of interest. This was very gratifying as it showed us that it would not be a waste of time and paper to try to establish a closer link between those who produce zipps and those who use them. I therefore thought it a good idea to widen the scope of our magazine so that it will be beyond the confines of our factory without giving up its character as a house magazine. It is hoped that future issues will contain articles of interest to all readers inside and outside the firm and the editors are going to approach a number of leading personalities in the trades which we serve with a view to obtaining from them contributions to *The Aerozipper* which will give our people a picture of what happens to our fasteners once they have left our factory and start on their career either as single units in shops or as parts of garments and other goods.

It is no secret to Aerozippers that our fasteners are a job of real precision engineering. Many users of slider fasteners do not realise this and often think that it is not a difficult job to make them. They would, I think, soon change their mind if they would spend a day or two at Treforest to watch our engineers, toolmakers, machine operatives, in short all the 600 people at work on the hundred-and-one jobs which all go into the making of our fasteners.

I fancy, though, that quite a number of our people have only a hazy idea of how slide fasteners are marketed. Overseas customers are looked after by our local agents who call on them regularly, discuss with them their requirements and transmit their orders and instructions to us, i.e. to our Export Department at London Office. The Export Department settle or confirm all details appertaining to shipments and terms, and a very complex job this is, considering that some consignments must catch a certain boat at a certain date, others must be specially packed, and all these details, together with the number, description, and price of the goods must be entered on a lot of documents which must be correct in every respect for a transaction to go through smoothly and without trouble. After all, these customers are thousands of miles away and one cannot simply 'phone them up to iron out a snag that may have arisen, as can easily be done with firms in this country. Moreover, our Export Manager spends a great part of his time every year travelling abroad to maintain a personal contact with our overseas clients.

In the Home Market we have representatives in all parts of the United Kingdom, who are in daily contact with our clients and also with London Office. Their activities are supervised by our Sales Managers, one dealing with London and North West England, the other with the rest of the United Kingdom. The main task of all members of the Sales Department is not just to collect orders but to see that the best possible service is given to our customers. This is, indeed, what we are striving for all the time, and by good service I mean the supply of first class fasteners with as short a delivery time as is humanly possible.

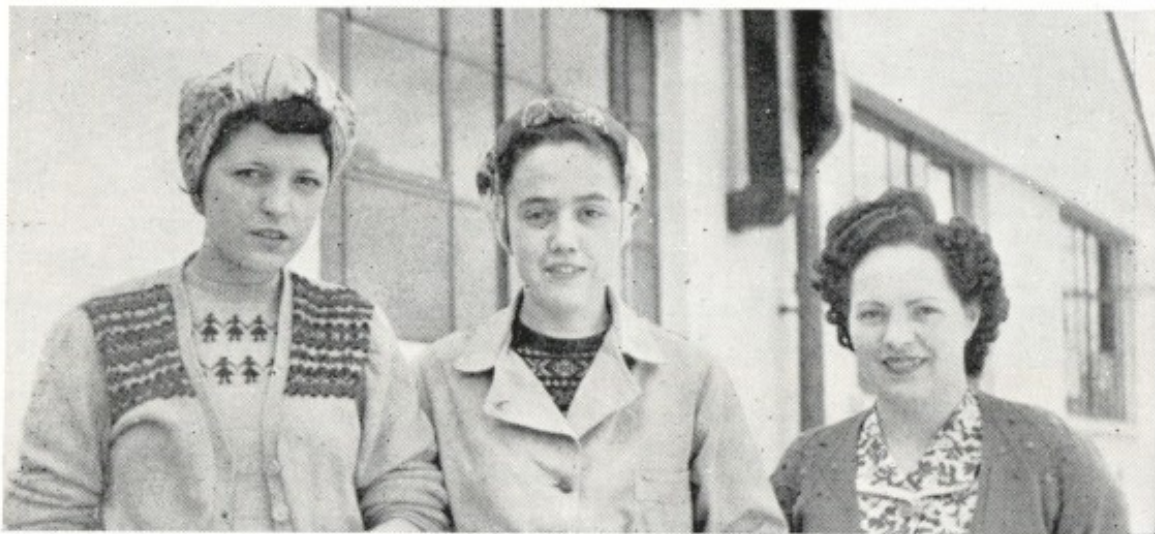
We are at present working on a new and improved packing for our fasteners which will be more efficient and attractive. Another new feature of our packing is the coloured tabs on the side of the carton. These are cuttings of the actual tape so that the colour of the fasteners inside the box can be instantly identified without reference to the shade card. These are only two examples of our endeavour to be of service to our customers.

In conclusion, I would like to thank all our clients and friends for their past support, and to all those who work in or for our Company at home and abroad I say: "Carry on the good work."

Aero Roundabout

In April, we were greatly disappointed when the visit of Princess Margaret to our factory was cancelled on account of her illness. We were all looking forward to this occasion and we still hope that the Princess will come at a later date. We felt especially honoured when we knew that our factory had been selected because the selection had not been influenced by us. In fact the first information which the firm had was when the Lord Lieutenant of Glamorgan, Sir Gerald Bruce, informed Mr. K. B. Koppel that Princess Margaret had herself selected our factory as the one she would like most to see.

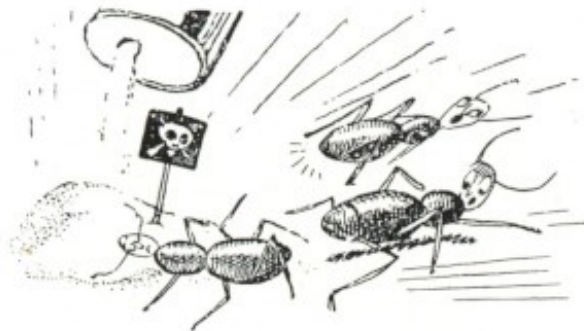
We have had to say goodbye to an old friend, who had been with the firm for over ten years and working most of the time in the Machine Room. Mrs. Colley, better known to us as Edith Dober, left on the 28th April, to take up married life earnestly.



THE RECORD BREAKERS.

In Slider Department, breaking production records has become a common occurrence during recent months. The youngest champion being Jean Evans of Senghenydd, who is only 15 years of age but has achieved a splendid output performance on non-locking assembly. Lilian Couch has also broken records at her work on baby-locking assembly. Audrey Pope holds the record on her section for D.-locking assembly and Bertha Pearce keeps up a steady weekly output on her section which so far no one else can beat.

A.17. — Here Ants have been the main trouble, but whenever action was threatened no ants were to be seen — perhaps it was due to the time lag between complaint and action ; or could it be that the ants got wind of the concealed hammers carried by the two maintenance scouts ! Now the trouble has been cured, we think, by Messrs. Boots powder, strengthened with paraffin, which should prove a rather uncomfortable playground for the Ant family.



ESME TUCKER as
Lady Constance Wynne.

Esme Tucker of Dispatch Office for one whole week at the end of April took the part of Lady Constance in the very colourful operetta "The Geisha," which the Mid-Rhondda Operatic Society put on at the Empire Theatre, Tonypany. Each night the house was full and on the last night Esme received a bouquet of red and yellow tulips.

Slider Stores has one newcomer, namely, Douglas Salmon. This makes the Salmon clan even stronger than before, for we now have three members of the family in our midst. Douglas being the twin brother of Harold Salmon, foreman of Slider Department, and brother to Lilly Jones of the Canteen Staff.

Maintenance Department add a little colour once again to Aero Roundabout ! Soon after David Johnson of Mountain Ash had joined the department he had the great misfortune to suffer a cut leg and bruised shoulder as the result of a crash with the lorry whilst driving towards Oxford. Fortunately after freeing his leg he managed to kick the front windscreen out and crawl out from the vehicle, which had swerved across the road and turned over. He informed the factory of the crash and this caused grave concern. Mr. Hart, Ted Jones and Joe Cook dashed off by car to the scene of the accident quite prepared to do a night patrol round two

fields of scattered zippis ! Only to find that the lorry had been righted, reloaded and driven to a garage some distance from the scene of the crash.

After the dispatch of the load had been arranged Joe Cook refilled his tobacco pouch and together with the driver had a draughty, dusty ride back in a lorry without a windscreen, which resulted in Joe visiting the First Aid Room for attention to his twitching eye, which had given rise to much gossip between the girls, who misunderstood the condition of the eye !

Maurice Gutfreund of Development, has been keeping very quiet for a long time about his interest in the boxing world but at last he has come forward with some interesting news about his recent activities.



Two years ago whilst on the Continent, Maurice whetted his enthusiasm for boxing and he has now taken it up seriously here, and we look forward to his being one of the factory's foremost representatives in the newly-formed boxing club.

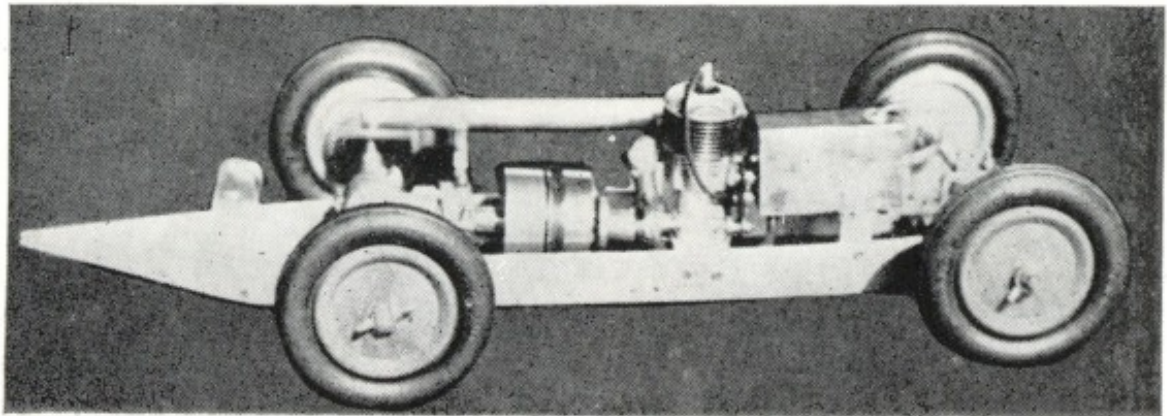
His first fight in England on 21st April was against a professional boxer and although there was a good tussle Maurice was knocked out in the fourth round. He was, however, undaunted, and on the 28th April he was triumphant over his opponent, Jimmy Thomas, after three rounds. With his next success on the 2nd May, he qualified to meet in a friendly match a London boxer at the Cardiff Youth Club.



This photograph shows Mr. J. Backer about to take off with the instructor of the Cardiff Ultra Light Aeroplane Club.

Mr. Backer is a great flying enthusiast and hopes soon to be going "solo." The aeroplane in which he is hoping to qualify for his pilot's licence is a "Topsy" dual control, low wing monoplane, with side by side seats. It is a fully aerobatic machine with a cruising speed of 80 m.p.h. and stalling speed of 40 m.p.h., powered by a 62 h.p. Walter Micron engine which is a four cylinder, inverted air cooled unit.

Many of the girls are considering forming a patch-work class. They hope that Mr. Backer and Mr. Gough will be proud to wear some of their efforts when their own supplies of ties begin to run short.



Five C.C. Model Racing Car designed and built by Reg Randall. Of it he says:—

"Having gained a lot of "gen" from two previous model cars I designed and built this job with the object of high speeds and at the same time making it look as much like a car as possible. The two previous cars were not very fast: No. 1, 45 to 48 m.p.h.; No. 2, 55 m.p.h.

No. 3 was built in about six months of spare time. Constructional details are a duralumin aircraft stringer section, bent and braced, to give a very strong and light chassis; a gear-box mechanised from 1066 castings fitted with 1.75:1 bevel gears running in ball races taken from surplus aircraft instruments. Wheels, light alloy with air cord tyres 3½-inch dia. Sprung front axle, both wheels running free in own bearings. Engine 5 c.c. modified 'Frog 500' fitted with fly wheel and clutch. Engine on test did over 15,000 r.p.m., developing over .5 h.p. Glow plug ignition, McCoy Plug. Fuel, Castor oil, methonal and nitro-methane. Weight four pounds.

Up to the time of going to press the car has had seven runs on a small track, clocking speeds of 65, 71, 79, 87.5, 73, 76 and 68 m.p.h. over the quarter mile. On 10th May, 1950, in Aero Zipp Canteen the car did one run of half a mile at over 65 m.p.h., often being airborne for a few yards at a time owing to bumpy surface.

I might add that I have quite a number of books on the construction of model cars and their engines if anyone would care to borrow same."

"R.R."

PUNCH & DIE

It hasn't really died. As Mr. Koppel has explained in his foreword it has merely changed its name. Under that title it was issued twenty-one times. For the first five issues it consisted only of four simply printed sheets. Later it became bigger and was given a flimsy cover. Then photographs were introduced; and so by stages it grew to something similar to this present issue.

Now that another change is taking place it is interesting to look back on some of the humour and contributions in the early issues. Here are some examples :—

(Written for the October issue, 1945)

THE DESIGNER

*The designer bent across his board,
Wonderful things in his head were stored,
And he said as he rubbed his throbbing bean,
“How can I make this thing tough to machine?
If this part here were only straight,
I'm sure the thing would work first rate,
But it would be so easy to turn and bore,
It never would make the machinists sore,
I'd better put in a right angle there,
Then watch those babies tear their hair.
Now I'll put the holes that hold the cap
Way down in here where they're hard to tap.
Now this piece won't work, I'll bet a tanner,
For it can't be held in a chuck or spanner;
It can't be drilled or it can't be ground,
In fact the design is exceedingly sound.”
He looked again and cried, “At last,
Success is mine, it can't even be cast.”*

Christmas issue, 1945.

Written by a member of the Toolroom when "called up."

THE EPISTLE OF THOMAS, THE SON OF
HARRY, TO THE GAUGIANS.

"And on the banks of the Taff there stood the land of Zipp. And they that dwelt therein were the Teethites, the Gaugites and divers others.

And among the Gaugites there dwelt one, Thomas, the son of Harry. But the Gaugites forsook the god of their masters which was called Zipp, and did worship false gods of rare metals, which were Lita, the aluminium god, and Plas Tic, and many others.

And it came to pass that a ruler came amongst them and he was by name Temple. And he cast away their false gods, and lo, there were great murmurings among the young men of the tribe. And Thomas the son of Harry was foremost amongst them that murmured.

And it came to pass that there was war in the land. And the scribes and the elders gathered them together, and did decide that the young men should leave the land of Zipp and go and be warriors. And Thomas the son of Harry was amongst them.

But after he had sojourned awhile under his new rulers he wrote to his brethren saying: Dear brethren, yea verily I am sore and heavy of heart, and the Army and the sergeant thereof are mine enemies, verily, verily, I say unto you, that even Temple was not as bad as our Sarge.

I beseech ye therefore, to mourn no more for your false gods, but to worship the true god Zipp, for ever. Amen."

(Written for the February Issue, 1946)

KARL NOSSEK'S LAMENT

*"Why they don't call me Maestro 'tis hard to see,
For my Zipps they run easy, like A.B.C.,
Instead, all day long they drive me silly
To keep my Babies at One Point Nine Milli."*

That can hardly be classed as poetry, but it was humorous at the time. The following was no doubt humorous and who knows what truth was in it.

"The Mystery of the Missing Factory Cat has been solved. Irving Hornung confessed that he had made it into a cap to go with his astrakhan-collared coat."

Not all the verses printed in *Punch & Die* have been good but our readers will have noticed that each issue for the past four years has included an excellent poem by an anonymous author. Those particular poems have been without doubt in a class far above the other contributions. We reprint here one of the first which "Anon" wrote for us.

A RHONDDA IDYLL

*My heart is full, I must confide
In any person handy ;
My joy I can no longer hide,
For I have found my future bride ;
She lives in Tonypandy.*

*To me she's sweet as sugar cane,
And sweeter far than candy ;
Although they say you'd seek in vain
For anybody half as plain,
Throughout all Tonypandy.*

*She is not fair, I must admit,
Her hair perhaps is sandy,
Her left eye seems to squint a bit,
And in her ears you see the grit
From mines in Tonypandy.*

*She does not walk as others do,
Because her legs are bandy ;
She stutters just a trifle too,
But such afflictions are not new
To those in Tonypandy.*

*Of course, she's had affairs galore,
There's Herbert, Tom and Andy,
And Bill and Jack, and many more,
Besides the men she loved before
She lived in Tonypandy.*

*The night when she admitted this,
I drank a quart of brandy ;
But then I thought, a seasoned Miss,
Will better know the way to kiss,
Than all in Tonypandy.*

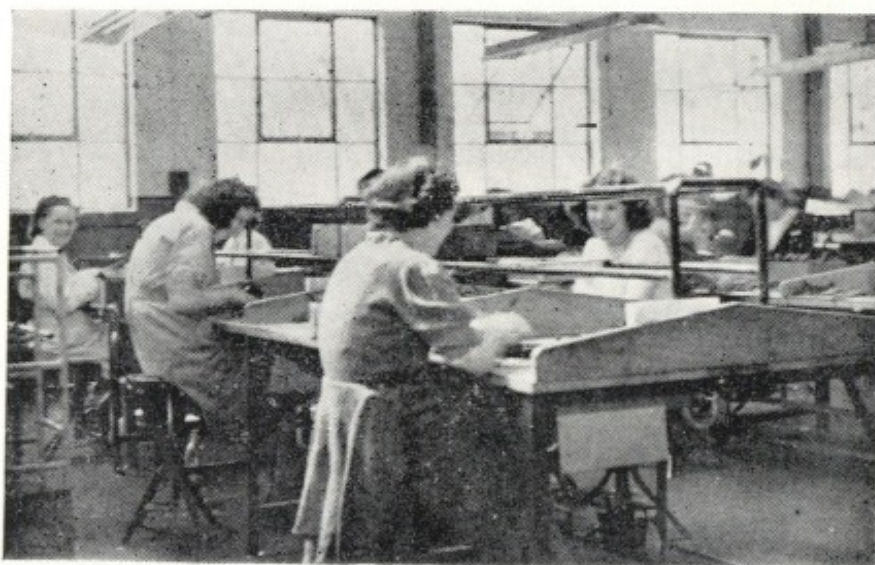
*In wedding suit, with gloves and hat,
I looked a perfect dandy ;
And we have hired a lovely flat—
One room with use of kitchen, at
Her Ma's in Tonypandy.*



GEORGE

takes a walk

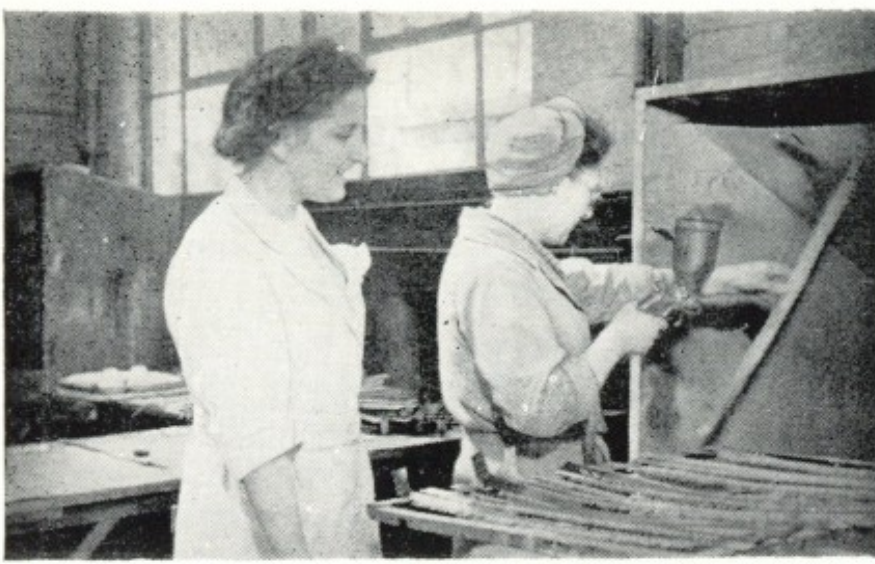
George had often wondered how hard personnel office worked and he was very surprised when he popped in one Tuesday morning to find Pamela Lewis and Joyce Burley very busy making up bonus cards whilst Beryl Pugh was concerned with counting up the absentees. George crept quietly away.



To help him to recover from the shock he visited A17, where he stopped at the first bench. Here he found Dorothy Thomas, Valerie Evans, Dorothy Lewis, Margaret White and Phyllis Hughes busily assembling, and in the background can also be seen Blodwen Richards, Audrey Davies and Dorothy O'Connell, who were all anxious to be in the picture.

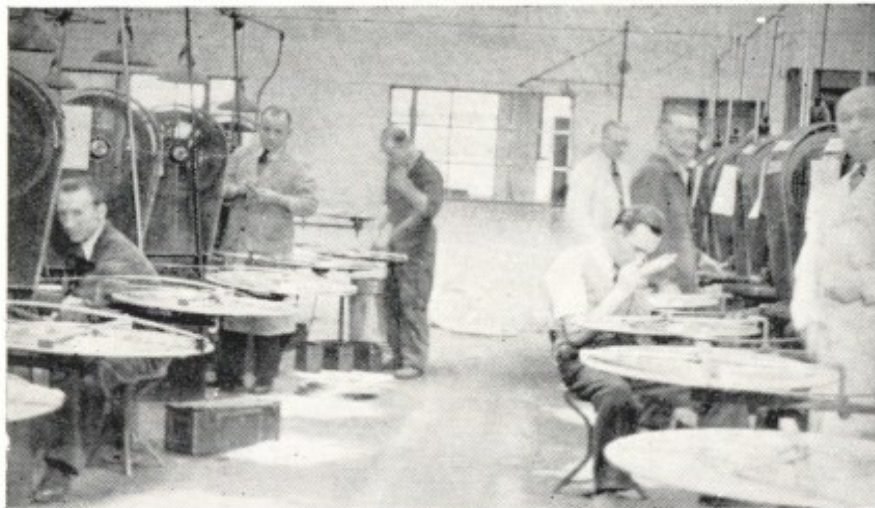
Whilst in this section of the factory George thought he would visit Despatch Dept. for he had heard that they were always "hard at it" so he was not surprised to find that Harry Bassman, Bill Baker, and Jim Wheeler had no time to smile at the "Birdie" but he was very attracted by their "hair-do's."





Lacquer Dept. next came in for a visit, here George found Enid Williams (Chargehand) supervising the spraying of the zippo's by Eileen Maddocks.

When George called at Tape Stores he found Gwladys Evans (Charge hand), Ann Williams, Eirwen Thorne and Gwyneth Allen although very busy with the work of the day had smiling faces.



Press Attendants, Inspectors and Tool makers were all ready for George when he visited Teeth Dept., so he was able to take (left to right) Eddie Davies, Evan Shanklin, Nick Kehoe, Alf Edwards, Dick Jones, Jack Crews and Irvin Hornung.

George wondered whether "knocking off time" looked as good outside the factory as it did inside—this was the result—what do you think?



THE NEW DENTAL HEALTH SCHEME



THE DENTIST AND YOU

When in July, 1948, the new Health Scheme came into operation very few people realised that it meant a turning point in the dental history of this country. So far only a thin minority of the population cared or could afford to care for the health of their teeth and mouth. Of the insured population according to an Interim Report of the Inter-Departmental Committee on Dentistry, two-thirds, that is between thirteen and fourteen million people, were entitled to dental benefit, but only 800,000 (less than 7 per cent.) of these claimed it on an average each year.

The two years the scheme has been in operation about ten million patients received dental treatment and an enormous sum was and is spent by this State to maintain a public service which is not equalled in any part of the world. Provision was made for every type of dental treatment with the aim that the patient should get it free of charge. Only for those restorations which were not essential for dental health the patient was asked to contribute part of the cost; this, however, doesn't mean that, for instance in case of dentures, he is at liberty to offer the dentist an additional fee for a so-called better class denture. A regulation from the Ministry of Health emphatically points out that material and make supplied by the Health Scheme should be of a standard to make additional payment unnecessary. Dentists who accept, and patients who offer payment for better class work, commit an offence against the regulations laid down by the Ministry of Health.

There has been a lot of publicity in the papers as well as in public debates about the remuneration received by the dental profession. There is no doubt that cases of abuse have happened and it is up to the Ministry, the profession, and the public to correct these faults as quickly as possible; unfortunately the controlling bodies of the Ministry have so far been very inadequate. On the other hand it should be realised that sums paid to the dental profession include the cost of dentures for which material and additional labour is required and it would be only fair to compare the cost of this service with, say, the sums paid to the ophthalmic

surgeon and the opticians. Since the introduction of the Dental Health Service reductions in the remuneration have been made which, according to the British Dental Journal, from May 5th, 1950, are equivalent to a reduction of net income to about seventy per cent of that which could be earned under the scale in June, 1949.

For those patients who used to see their dentists regularly in the past, unexpected and new difficulties have been caused by the new dental service. The big demand of the public and the insufficient number of practitioners cause delay in appointments and treatments and the public should know that their disappointment is shared by the practitioners, who would be only too pleased to give their old patients the service they deserve. One way out of this dilemma would be the introduction of a priority service (in practice not on paper) and a firm control of all those types of treatment and services which easily could be postponed.

It is nearly two years since the Health Service started. Pioneer work is done, entire new ground is explored. From all over the world professional men come to Britain to study the workings of the scheme and although certain deficiencies are not overlooked there is general praise of the achievement. Britain once leading in the Industrial Revolution has become a model and example again. For the years to come, a healthier nation will be able to face the tasks and problems better and thus be a stabilising factor in the present chaos of world affairs.

“WOMEN” OR “MEN BEWARE”

An angel in truth, a demon in fiction,
A Woman's the greatest of all contradiction.
She's afraid of a beetle, she'll scream at a mouse,
She'll tackle a husband as big as a house.
She'll take him for better, she'll take him for worse,
She'll split his head open and then be his nurse,
And then when he's well and can get out of bed,
Why, she'll pick up the teapot to throw at his head.
She's crafty, she's simple, she's cruel, she's kind,
She's artful, kind-hearted, keen-sighted and blind,
She'll lift up a man, she'll let a man down,
She'll own him her King, then make him her clown,
You think, she is this, but you'll find she is that,
For she'll play like a kitten, then scratch like a cat,
In the evening she will, by the morning she won't,
And you're always expecting she will, but she DON'T.

H.V.O., LONDON OFFICE.

JOINT PRODUCTION COMMITTEE

By WILLIAM JOHN, Secretary.

A Joint Production Committee is far too important for its existence or even its work to be jeopardised by apathy and indifference. In my past reports in this Magazine I have tried to make you realise this but judging by the results I might just as well have saved myself the trouble of writing them.

It is time therefore to make a more direct attack upon this lack of interest on your part. When you read this (I wonder how many of you actually do read it?) you will have, I hope, experienced the first assault in the form of a comprehensive investigation into our Canteen Service.

You will also have had an opportunity in some departments to elect new representatives to the Committee. This election will have been on a wider scale than usual, as a number of Committee members have been transferred from one department to another, leaving more vacancies to be filled. I hope that you will have noticed during these elections some signs of the campaign to get you interested in our activities.

The Committee itself in the meantime will have carried on with its routine discussions on problems arising out of production and the general welfare of the workers. The Suggestion Scheme is still a very great success as shown by the number of suggestions awarded each month.

We were pleased to welcome to the March meeting of the Committee, Mr. K. B. Koppel, our Managing Director. It was refreshing for once to forget our little worries and problems at the factory and listen to a very comprehensive and interesting speech by Mr. Koppel on the intricacies and difficulties in the actual selling of our goods. The export market to which on principle we devoted a large part of our goods had its own particular complications. An Export Section had been set up to deal with such things as Import Restrictions, Bilateral Agreements, Certified and Consular Invoices, etc.

The Committee felt itself on solid ground again when Mr. Koppel said the quality of our zipps had gained for us a very high reputation in the trade. The shortening of delivery times must be one of our chief aims, however, and every effort must be made to give the best possible service to our customers.

Mr. Koppel also dealt with advertising and general sales policy and I am sure the Committee were appreciative of the opportunity to gain a further insight into the workings of the Company than is possible from discussions on production matters alone, however important they might be.

Development, Machine and Tool Building, Production, Dispatch, Advertising and Selling—they all play their parts in

the structure of Aero Zipp Fasteners as in all other manufacturing firms. On their proper co-ordination depends the future of our factory, and coupled with it, your livelihood and mine. The Joint Production Committee may be only a small cog in the scheme of things but let us make sure that that cog is doing its own little bit as efficiently as the rest of the machine. Remember, "The strength of a chain lies in its weakest link."

SUGGESTION SCHEME

In his report on the workings of the Joint Production Committee, Mr. W. John, the Secretary, has with just cause been cracking the whip. However, he very rightly comments on the continued success of the suggestion scheme. The facts and figures have not been recorded in these pages since our issue in October, 1949.

The results of the seven months to the end of May, 1950, are :—

Number of suggestions received	43
Number of suggestions awarded	15
Awards made	£28
Total of awards made since scheme started	..	£310

It so happens that during this period no particularly big awards have been made, but the consistent interest which employees showed has been most encouraging. Every award made is certainly earned, and the Management and Committee are most careful in considering every suggestion which is made. Of course, not all suggestions are acceptable, but if you think your idea is possible don't hesitate to put it in the suggestion box.

The procedure in dealing with a suggestion is as follows :— First, they come into the hands of the Committee Secretary, either by being handed directly to him, or he collects them from the suggestion box. After studying them himself they are passed to the Management for consideration. The Management have to consider whether the suggestion is a good idea, is it possible, is it worth following up, what are the snags, has it been tried before, is the saving greater than the cost? They may decide that it is not advisable to follow up for technical or economic reasons : in which case no award will be made ; or they may not be certain and will defer their decision until experiments have been carried out. If the suggestion is accepted as one which can be used right away, or when labour is available, then a suggested award will be decided upon. At the next Committee meeting each suggestion is read and the proposed action, and award, if any, is discussed with the Committee. Sometimes this results in a change of attitude towards the suggestion or the award. When the Committee and the Management are in agreement, the facts are recorded in the Minutes and the award is paid out soon afterwards by the Production Manager.

The least one can get is nothing. The smallest award is £1 ; the highest—well, there is no knowing.

H o l i d a y s



*I often wish I could afford
To spend my holidays abroad.
Not in the peopled haunts of man,
As Paris, Venice, Rome or Cannes,
But on some desert island fair,
Set in a tropic ocean, where
I could avoid the silly face
Of members of the human race.
Alas! my present weekly wage
Is insufficient to engage
In such adventures. Dare I chance
To spend a week in Southern France?
I'm told a frown is there unknown,
The folk are different from our own,
Perhaps because their system lacks
The incidence of Purchase Tax.
There I could go to some revue,
And see the wicked things they do,
And I might even smuggle back
A pint or two of old Cognac.*

*If only I could understand
The languages of Switzerland!
There where the mighty mountains show
Eternal diadems of snow,
But punctuated here and there
By chamois springing in the air,
Or by the climbers' bodies, lost
Through inattention to the frost.*

Yet how could I enjoy my stay
 When ignorant of what they say?
 How could I make my wishes known
 In language alien to their own?
 I'd even go as far as this:—
 Breathes there an English-speaking Swiss
 Whom I could prudently expect
 To know my Tonteg dialect?
 But most of all I'd like to spend
 Vacations with a wealthy friend,
 Who has a butler, car and yacht,
 And all the things I haven't got.
 Where all the guests are gentlemen,
 And members of the Upper Ten,
 Whose finger-nails and manners shine,
 So different from yours and mine.
 Supremely groomed, superbly dressed,
 With frocks and trousers always pressed.
 You'd never see the ladies wear
 Those ghastly curlers in their hair.
 Nor would you hear the men let slip
 Those words you hear at Aero-Zipp.



The likelihood is most remote
 That I shall taste the joys I quote.
 If such a wealthy man there be,
 He'd hardly make a friend of me.
 So I shall book a modest room
 At Weston or at Ilfracombe.



Pat.

Aero Nippies



Arranged by WYNNE PRICE



Pamela is two and is the daughter of Robert Payre (Grinding Dept.) and it looks as if she is bidding fair to become one of this departments "Pin up Girls."



"This is just a start," says Roy Spencer (Tool Room), father of baby Barrington who was born 10th October, 1949.

Laurence is two years old and very proud of his tricycle, he is the son of Frederick Barton (Machine Room).



These little "Cuties" Kenneth, age seven, and Ann, age five, are the children of Norman Cathew (Machine Room).



Yvonne is five years old and is attending the Llwynypia School, she is the daughter of Ellen Isaacs (Slider Dept.).





"My kid's a happy crooner," says Ron Bunny (Electrical Dept.) of his son, Martin.



David is the son of Maud Parry (Finishing Room). He's no "Slogger Williams" but by the look of things he works pretty hard.



Here's a fine pair of zippers, its "Zipp" and they rip up everything they've got" says Mother, Mrs. Eira Evans (Finishing Room) of John, age nine, and Leslie, age seven.



"Faithful for ever," says Gwilym of his dog, he is the three-year-old son of Dan Jenkins (Die Casting Dept.).



Full of mischief are Mervyn, age six years, and Andrew, his brother, age five years, who are the sons of Henry Van Os of London Office.



Future Ballet and Tap dancer is Pamela the three-year-old daughter of Jack Crews (Inspector, Teeth Dept.).



ELFED EVANS

All Aero Zippers and especially those who are Cardiff City fans are interested in the career of Elfed Evans. This is particularly so because not only has he achieved great success with "The City" but he is a local boy of Trelewis. A few months ago he toured our factory and was very interested in everything he saw. That was to be expected because after all he married Eunice Beddis, one of our Finishing Room girls.

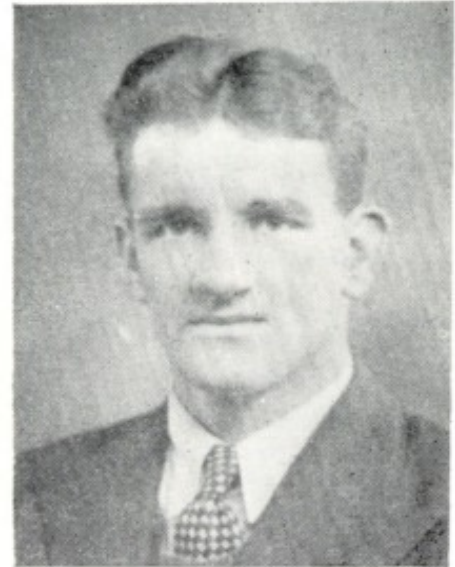
His promotion to first class football has been astonishingly rapid. Whilst at Trelewis School he played centre-forward both for the school and in the Merthyr League and was selected for the Schoolboy International Trial. After leaving school he did not play much sport until he entered the Army when he played rugby and soccer for the 1st Battalion of the South Wales Borderers. He also represented them at cricket and boxing and toured Palestine and Egypt with their teams.

On leaving the Army he joined Treharris, playing as inside right and finishing up as top scorer with 24 goals. Next season, 1948-49, he played in most of the forward positions and again was top scorer with 48 goals. During that season he got two Amateur International Trials and at the end of it he joined Cardiff A.F.C.

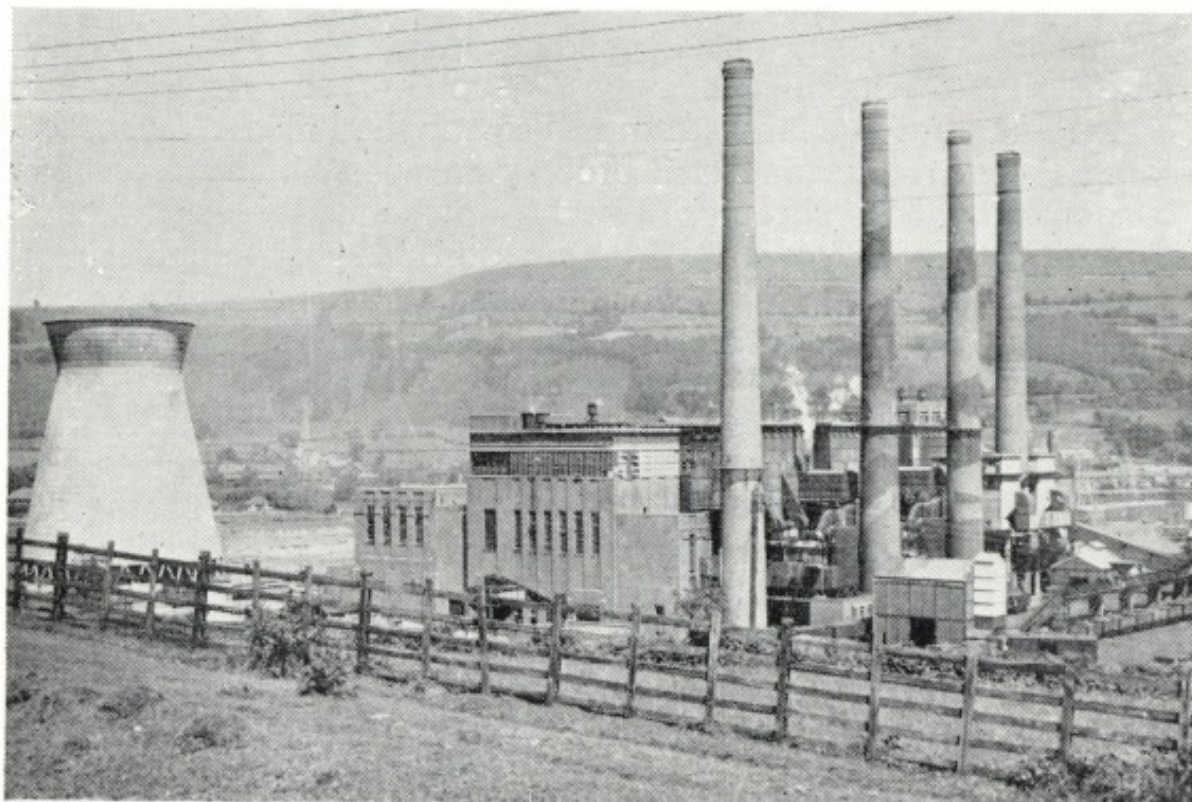
He played his first game in the Combination side as centre-forward and after three games was given a chance in the first team against Sheffield Wednesday. After that he went back to the Combination side for five games and was transferred to the Welsh League till November, 1949.

It was then that he decided to turn professional. He got back into the Combination side and on December 26th, 1949, he was given a chance in the first team against Plymouth. He played right wing and scored the only goal and was next playing in the F.A. Cup game against West Bromwich Albion. Again he scored a goal, and he has held his place ever since and is top scorer of the first team. His record is First team, 8 ; Combination, 7 ; Welsh League, 9 ; Friendlies, 6 ; F.A. Cup, 4 ; a total of 34 goals in all.

He believes in playing hard and knows how to play as one of a team. He deserves all the success which he has achieved and we wish him many seasons of seeing many balls enter the net from his toe.



THE UPPER BOAT POWER STATION



Construction of this, the largest power station in South Wales, started in April, 1902, and the first power supply was given in April, 1904. The capacity of the Station was then 4,500 kW. and the electrical energy was generated at 11,000 v. Four years later it was found necessary to increase the output of the Station and by 1914 the Station capacity had reached 11,000 kW. After the first world war further alterations were carried out and by 1929 the Station had a capacity of 63,000 kW. and was generating at 33,000 v. as well as 11,000 v.

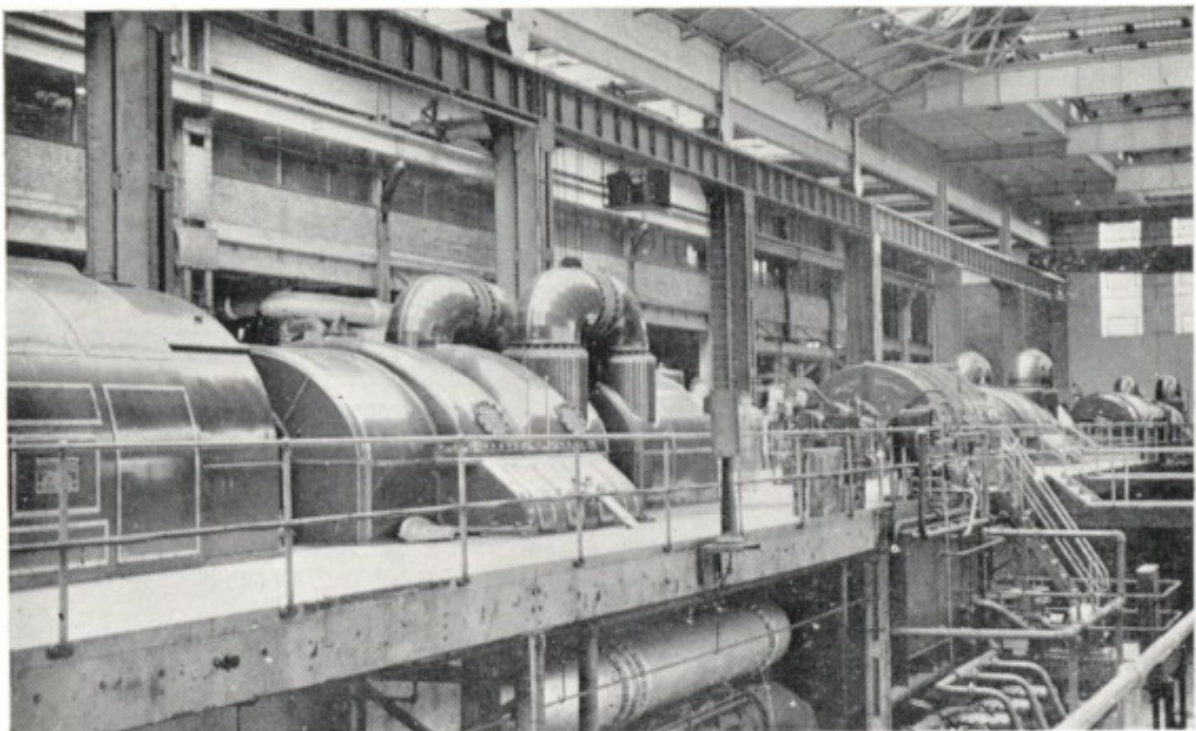
In 1926, certain Stations were selected to form a network connected by a national grid system to enable power to be transferred at 132,000 v. from one part of the country to another as required. Upper Boat was one of these selected Stations and as a consequence of this, further extensions and alterations were made between 1939 and 1943 which brought the Station to its present-day capacity of 155,000 kW.

One of the problems in selecting a site for the construction of a Power Station is the provision of water as a cooling supply to meet the needs of the generating plant. This was one of the factors which led to the choice of the site alongside the River Taff. Although this supply is ample for cooling purposes at normal times, due to the condition of the water during flood and its scarcity during dry periods, a cooling tower was installed in 1940 to enable water which had already been through the system to be re-circulated. The site was also convenient for the supply of coal to be brought by rail via the Maesmawr Railway Sidings.

The plant is composed of two systems—the high pressure and low pressure sections. In the low pressure section coal is supplied as raw fuel from the coal tippler house in the Station yard by elevating conveyors to the bunkers at the top of the boiler house. The coal is fed by gravity to the eight-chain grate stokers which supply 60,000 lbs. of steam per hour at 350 lbs. per square inch and at 750° F. to the turbines. This section generates 65,000 kW. at 11,000 and 33,000 v. A portion of the steam is also supplied to the Treforest Trading Estate for heating and process purposes, being returned as condensate. This is then fed back into the feed water system.

Five of the six boilers in the high pressure section are pulverised fuel fired. Before the coal is fed to these boilers it is ground to a very fine powder in a pulverising mill, from which it is air borne to the furnace. Steam is provided at 650 lbs. per square inch and 850-F. and fed to the turbo-alternators of 90,000 kW., also generating at 11,000 v. and 33,000 v. It is also possible to transfer steam from the high pressure to the low pressure section through a reducing valve should this be necessary. The majority of the electrical energy is transmitted for local distribution at 66,000, 33,000 and 11,000 v., but at times electricity is exported to and imported from the national grid at 132,000 v.

The increasing industrialisation of this area has created a problem in electricity supply. Normally the summer demand for electricity is very much lower than the winter demand, enabling Stations to take out plant for overhaul. The predominance of the industrial load in this Division, however, is shown by the fact that the latest average summer demand for electricity is 90.3% of the average winter demand, an exceptionally high proportion. Due to this, the increased industrial requirements and the time lag in erection of new plant due to the war, the present position is that it is necessary to “import” from the National Grid at peak periods.



THE ENGINE ROOM



“TO-DAY IS MINE”

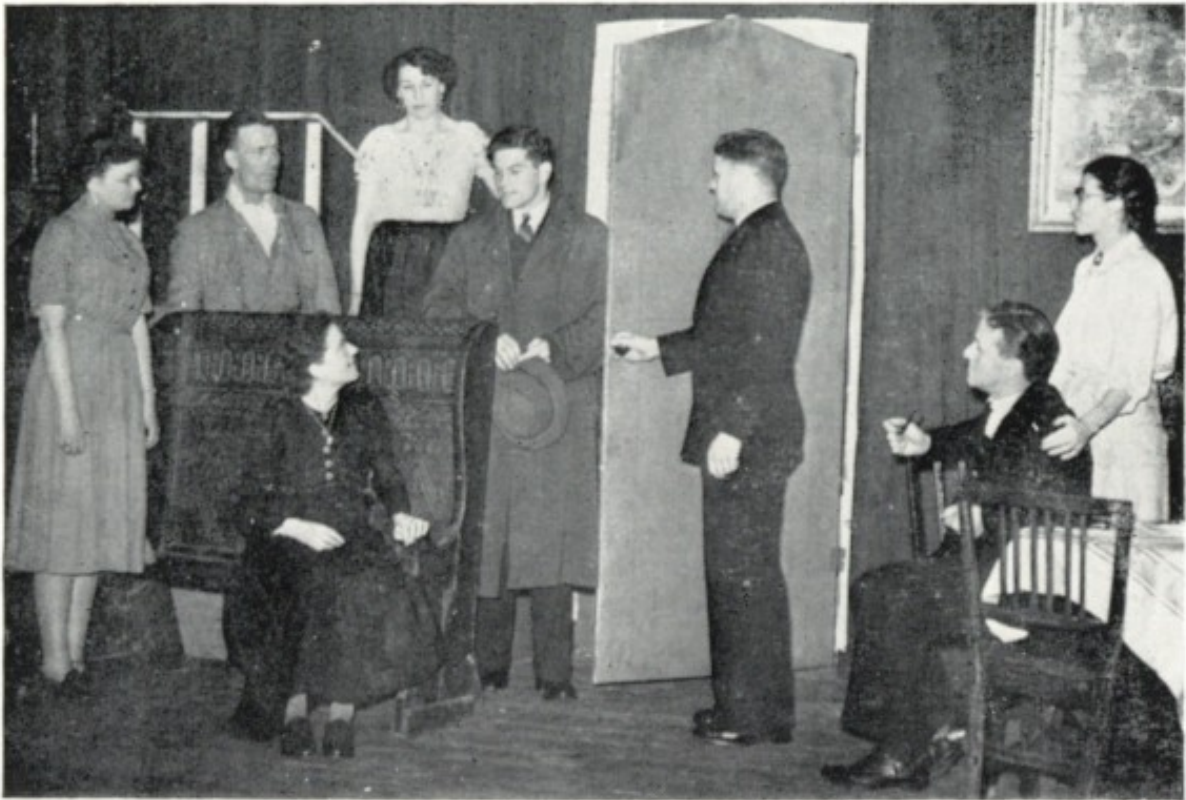
By A.Z.F. AMATEUR DRAMATIC SOCIETY

With this, the sixth show which the Society has produced since its formation in 1946, it advances another step up the ladder of success and each member of the cast has just reason to be proud of the progress.

In this case any credit due goes entirely to the producer and the cast. The play was based on the home life of a Welsh farming family ; however the story was rather fanciful and seemed to aim at introducing every possible human passion into its three acts. During the early rehearsals the cast were known to be diffident about the play and it was a great achievement that they managed to suppress their uneasiness and to turn it into such an enjoyable entertainment for all who saw it.



It was a difficult play with long speeches, needing plenty of action, and the cast could never afford to think that they had perfected a scene. Right until the end of the rehearsals new movements were introduced which improved the presentation. Even the seasoned players like Betty Toghil, Esme Tucker, Delphine Woods, Arthur Evans and Harold Salmon had difficulty in mastering their parts. Consequently it will be fully appreciated that Vivian Thomas, Edna Davies and Tom Elliot who were not so experienced had no less difficulty. They worked very hard during



rehearsals and that, together with the careful coaching of the producer, resulted in performances that were worthy of the more experienced players.

Every member of the cast realised that the skill and patience of the producer had been indispensable. He imparted confidence to them and any polish which the performance possessed was the result of his detailed coaching. This is not news to the Society for they have been working with Mr. Bill Roberts since they were first formed, and everyone interested in our Dramatic Society admires not only his marked skill as a producer but also his generosity in devoting so much time and energy to our plays. Without doubt he is the truly unselfish enthusiast.

On the first night the audience was a sparse gathering, but Thursday and Friday nights brought a record number who were warm in their praise and spontaneous in their applause.

On the last night the author, Mr. Tudor Watkins, was present. He gave great encouragement to the cast who, he said, had brought the play to life, adding colour and perfection which he, as the author, was unable to do. He congratulated them and the producer on their splendid representation.

The kindness and help which was given by so many people and especially our Management in making things so simple for the organising and arranging of the production was greatly appreciated.

The Society are grateful also to the Council of Social Services, Cardiff, for the loan of curtains ; Mr. Oliver Bown of Pontypridd for the loan of furniture, and to Joe Cook and Company (Maintenance Department) for the many adjustments and additions that had to be attended to throughout the entire performance. George Conway (Senior) made the very suitable staircase and the kitchen range and mantelshelf, all of which contributed to the true Welsh rural atmosphere. Les Pearce and Dan Davies as make-up artists were able to put the finishing touches to the beauty of the entire cast. Reg Randall, Morley Jones and Peter Madson



attended to the lighting and also kept the audience entertained during the intervals with soft music played on the gramophone. Glwydys Evans, Edna Thomas, Queenie Chidgey, Wynne Price, Connie Davies, Matty Dyke, Beryl Jones, Iris Fry, Joan Taylor, Margaret O'Brien, Ann O'Brien, Doreen Cook, Gwynneth Jenkins, Dyllis Williams, Gloria Thorne, and Nurse Evans all helped by serving ices, sandwiches, cakes, and tea in a most professional manner during the intervals. Mr. and Mrs. Robinson were quite envious of their salesmanship. Bill Evans, Trevor Bond, Jack O'Brien and Gwillim Phillips sold tickets at the door and generally looked after the seating of all those attending the performances.



Murmurs in the factory caused the Committee to listen hard! It was about a dance, but the Committee had no confidence that there would be sufficient support from the factory, for in the past,



dances had never been really successful. Were these murmurs to be ignored? Then they grew louder and louder and the Committee's confidence grew accordingly. So a dance was arranged and it certainly seemed that a magical spell had been cast over the Drill Hall, Pontypridd, on the 18th February, when the first Aero Zipp dance of the year took place. The factory was

well represented and it was an overwhelming success socially. Financially it was not so successful. After paying for the refreshments (income did not cover expenditure) the hire of the hall and the band, a balance of £3 9s. 5d. was left. The success was however a great encouragement to the Committee.

The dancing to Iorwerth Jones and his band in the tastefully decorated hall did not get really warmed up until 8.45 p.m. From then on it went fast and furiously, almost non-stop until 11.30 p.m., with quick-steps, waltzes and hokey-cokeys, which everyone thoroughly enjoyed. The band was in excellent form and the dancers kept up the tempo in the true A.Z.F. style. Whilst all the fun was at its height, the photographer dashed around and took many photographs.

Many thanks go to the staunch band of helpers which included Gwladys Evans, Ann Williams, Ann O'Brien, Edna Thomas, Doreen Cook, Dyllis Williams, Wynne Price, Olive Case, Jennie Davies, Nora Hunt and Mr. Robinson, all of whom worked very hard at the refreshment tables, where sandwiches and cream cakes were in great demand. Jack O'Brien, Gwyllim Phillips and Winston Gough were true henchmen, for as doormen they dealt with the many gatecrashers throughout the evening.

Buses came to the hall and took the dancers home. It was most unfortunate that each home seemed behind a different mountain and some of us were forced to do a tour of the whole of the Rhondda before arriving at our destination.



★ ★ ★

The Social and Welfare Election was held during the week of the 23rd February. One member was nominated from each department and the Officers and Committee are now as follows :— Dan Davies, Chairman, Gwillim Phillips, Vice-Chairman, Mary Mitchell, Secretary, Nurse Nance Evans, Assistant Secretary, Vivian Thomas, Treasurer, Dillys Williams (Slider Department), Gloria Thorne (Finishing Room), Trevor Bond (Teeth Department) Jack O'Brien (Tool Room), Tom Johnson (Machine Room), Reg Randall (A17), Esme Tucker (Dispatch).

★ ★ ★

As soon as the new Committee took Office on the 27th February, another dance was their first consideration, and as the Drill Hall, Pontypridd, had provided the right atmosphere on the last occasion they went ahead to make the necessary arrangements for the "All Fools Dance" on the 1st April. They decided that the catering should be done by an experienced caterer and if possible that the dance-hall door stewards should be members of the Club and not the Committee.

Unfortunately Aero Zippers did not show the same enthusiasm for a dance on the night, and if it had not been for the 139 tickets which were sold at the door to comparative strangers the dancers would have been but a small party. However the club profited, having a handsome balance of £8 13s. od. after everything had been paid.

It has been unanimously agreed by the Committee that unless they are sure of over 15 per cent support from the factory no more dances will be arranged, because a lot of work and planning has to be given to these arrangements and when they are enjoyed mostly by the general public the whole object of the Social and Welfare Club is defeated.

Our sincerest thanks go to Winston Gough, Tom Sheppard and Morley Jones, who strove to keep order at the door throughout the evening, and to Esme Tucker, who helped with the washing of the crockery and the setting up of the refreshment tables, and to our very able Caterer and his helpers, who prepared delightful "eats" and worked very hard prior to, during, and after the dance.

The Committee have concerned themselves with the drawing up of a new constitution for the Social and Welfare Club.

This has been circulated on all notice boards for the club members to query or suggest amendments, and it has now been sent to the Industrial Welfare Society for further criticism. Eventually it is hoped that each club member will receive a copy of the Constitution and Rules.

★ ★ ★

By the time that this Magazine is in your hands the Pontypridd Swimming Baths will have opened. This year eighteen membership tickets have been purchased by the Social and Welfare Club Committee for the use of all interested swimmers. These may be had on application to Mary Mitchell on either of the club nights, Tuesday or Friday.

★ ★ ★

The Annual outing this year goes to Symonds Yat and Tintern. Much thought by the Committee has been given to the arrangements for lunch at the Tudor Cafe, Hereford, and High Tea and Dance at the Anchor Hotel, Tintern. It has only been necessary for each club member joining the outing to pay 2/6d. towards the cost, as the Company has subscribed 13/6d. per head and The Social and Welfare Club will pay the balance. We can look forward to a very enjoyable time and in the next magazine we can have a flash-back on the day's enjoyments together with photographs.



★ ★ ★

The only away game in the Triple Crown Series during 1951 is being played at Murrayfield, Edinburgh, on 3rd February, 1951. If sufficient people are interested, arrangements can be made to take a party of employees and their friends to watch the International Rugger Match between Wales and Scotland. Buses will collect the people going, from convenient points, on the evening of Friday, 2nd February, in time to catch the train leaving Cardiff at 8.0 p.m., Supper and Breakfast can be taken on the train at an inclusive cost of approximately £3 5s. 6d. return. For those only needing the tickets for travel the cost will be £2 17s. 6d. return. On the Sunday morning everyone will be returned by bus from Cardiff station to their homes. So if all interested people will contact any of the Committee members, arrangements regarding a savings group can be drawn up.

* * *

This year it has been possible to hire the two double tennis courts which adjoin the Estate Office Block for the use of our factory enthusiasts on Friday evenings from 5.30 p.m. The charge for membership is 1/- per head and membership cards may be obtained from Mary Mitchell.

* * *

The members of the Miniature Golf Club elected R. Payne as Chairman, J. Rupprich as Secretary and Bryn Jones, Glyn George, Frank Rosser and Ken Evans as Committeemen on the 15th May, 1950.



They have been most fortunate in being given this fine silver cup by Morley Jones (Electrician) to present to the winner.

Morley has been working in the factory for three years and has always taken a very keen interest in the Social and Welfare Club activities although now he prefers to do his work "back stage." His generous gift has stimulated great interest amongst the players for already they are preparing a special place for it to stand in their homes! The Social and Welfare Club wish

to convey their sincerest thanks to him for his kindness.

A pair of Nylon stockings and 100 cigarettes have also been anonymously given as prizes to the Golf Club—So who are going to be the lucky winners?

SHOP TALK



Overheard by PAMELA LEWIS.

MARRIAGES

Our record number of Weddings earn all the good wishes and happiness which is their due.



Mr. and Mrs. MERVYN JONES.

Miss Marian Thomas (Finishing Room) to Mr. Fred Jones, 18th March, at Penuel Chapel, Ynyshir. Honeymoon—Surrey.

Miss Beatrice Cowell (Machine Room) to Mr. Alan Griffiths, 25th March, at Glyntaff Church, Treforest. Honeymoon—Southsea.

Miss Beryl Jones (Finishing Room) to Mr. Albert Stafford, 11th March, at Pontypridd.

Miss Iris Smith (Slider Department) to Mr. Alfred Watts, 18th March, at Christ Church, Ferndale. Honeymoon—Prestberry.

Mr. Mervyn Jones (A.17) to Miss Vera Harris, 11th March, at Saron Chapel, Treforest. Honeymoon—Bournemouth.



Mr. and Mrs. LEN BOWDEN

Mr. Haydn Jones (A.17) to Miss Kathleen Baron, 18th March, at Pontypridd. Honeymoon—Bournemouth.

Miss Joan Glyde (Finishing Room) to Mr. Ewart Williams, 27th March, at the Gospel Hall, Treforest. Honeymoon—London.

Miss Vera Sturgeon (Finishing Room) to Mr. Cyril Pontin, 25th March, at St. Mary's Church, Bury St. Edmunds.

Miss Megan Brown (Sliders) to Mr. Tom Taylor, 24th March, at Pontypridd.

Miss Joan Wyatt (A.17) to Mr. Doug. Taylor, 25th March at St. Michael's Church, Beddau. Honeymoon—Torquay.



Mr. and Mrs. ALBERT STAFFORD.



Mr. and Mrs. ROBERT CHALLENGER.

Miss Ann Mainwaring (Machine Room) to Mr. Maldwyn Pegler, 25th March, at St. Martyn's Church, Caerphilly. Honeymoon—Torquay.

Miss Haulwen Randall (Machine Room) to Mr. Cliff Harris, 25th March, at Bethel Chapel, Trehafod. Honeymoon—Weston-super-Mare.

Miss Annie Davies (Machine Room) to Mr. David Price, 3rd April, at Methodist Chapel, Mountain Ash.

Miss Marjory Thomas (Finishing Room) to Mr. Derek Carter, 6th May, at Pontypridd. Honeymoon—Derbyshire.

Miss Elizabeth Hodson (A.17) to Mr. Eddie Rees, 8th April, at Cardiff.

Miss May King (Finishing Room) to Mr. Len Bowden, at Bethel Baptist Chapel, 25th March.

Miss Ena Parry (Inspection) to Mr. Robert Challenger, at Bethel Chapel, Ferndale. Honeymoon—London.

Miss Olwen Simons (Finishing Room) to **Mr. Howard Ford** (Inspection) at St. James Church, Rudry, 27th May. Honeymoon—Teignmouth.



Mr. and Mrs. EDDIE REES.

Sincerest Congratulations to the following :—

ENGAGEMENTS

Miss Margaret Jenkins (Sliders) to Mr. Cecil Hallett, 1st April,

Miss Eirlyss Payne (Despatch) to Mr. Ray Swift, 24th May.

BIRTHS

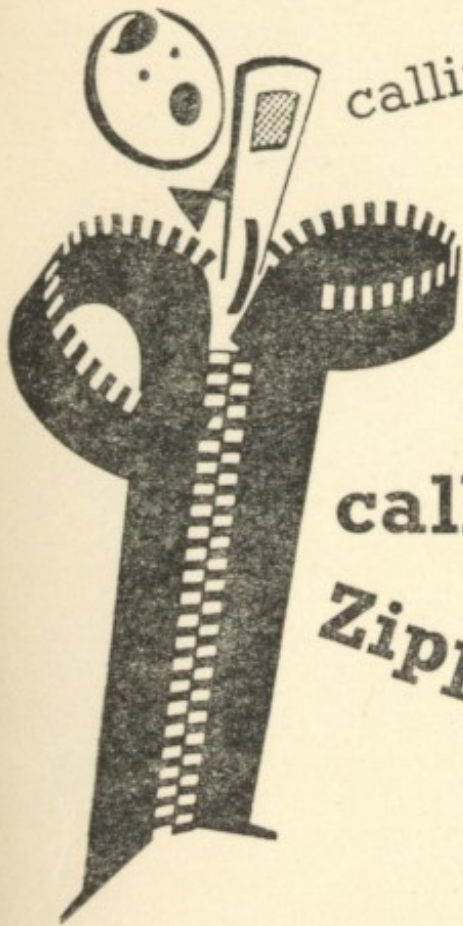
Mr. and Mrs. H. Cook, a son, Colin on 19th March, 1950.,

Mr. and Mrs. Maelgwyn Morgan, a son, Phillip Michael on 4th May, 1950.

LATE NEWS

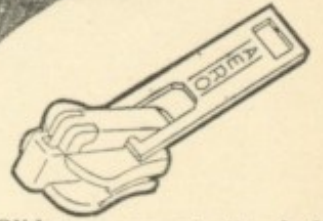
The newly formed Cricket Club won their first match of the season against the Estate Cricket Team on 8th June by 80 runs to 49.

calling all Zipp Buyers!

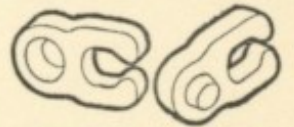


calling all
Zipp buyers!

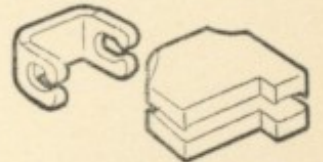
Everyone knows what a Zipp Fastener is and *does* (we've all used them in some way or other)—but what a Zipp Fastener *is*, is not so easy to describe. So in the adjoining illustration we've "dissected" an 'Aero' Zipp to show its different parts and describe how they all combine to make a perfect, reliable and strong Fastener. Greatest care and precision in manufacture is the secret of the reliability, strength, safety and beautiful finish of 'Aero' Zipp—the world's finest.



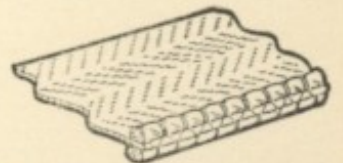
Slider, automatically locks with gripper at any angle. Strong, die-cast body. Whole assembly heavily nickel-plated.



Teeth manufactured to highest precision standards for long life and smooth action.



Top and bottom stops of heavy gauge nickel-plated brass stampings.



Hard-wearing tape with integral-woven beaded edge. Available in all popular colours.



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