

Winter 1972

# Wright ahead

the Head Wrightson magazine



1st prize  
cover photo  
competition:

**BP Lynch**

Grosvenor Steel

# The Joy, the Peace and the Hope that is Christmas ...

This is our greeting and our wish for all our employees and their families, for all our retired personnel and especially for those of our colleagues who have met adversity or ill health.

## Good Health and Good Fortune to you all in 1973

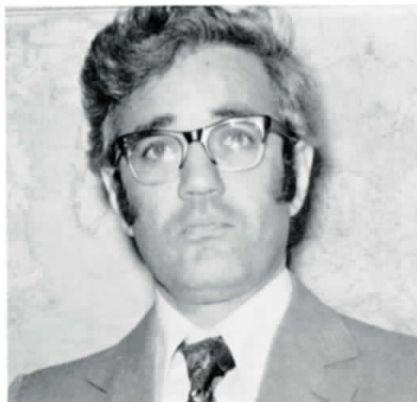
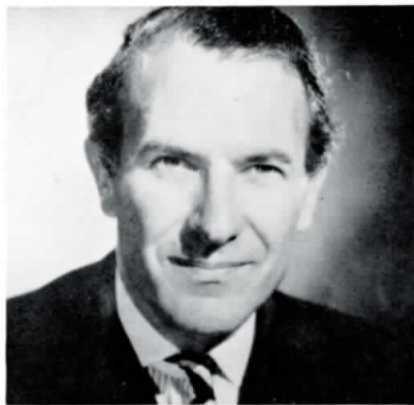


### APPOINTMENTS

Mr A Arnold Thomas *right* was appointed Managing Director of B&S Massey Ltd with effect from 1 October 1972.

Mr Neil Cherrett *below right* was recently appointed Sales Director of HW Process Engineering Ltd.

Mr JR Pumphrey *below* was recently appointed General Manager of North Eastern Steel Stockholders Ltd.



### COMPANY NEWS

**North Eastern Steel Stockholders Ltd** is the name of a new Head Wrightson steel stockholding business located on the site of the Forge Works, Norton Road, Stockton (see article page 5).

**Stockton Precision Forge Ltd** is the name given to the new forging division, as described in the last issue of 'Wright ahead'. This division is also located on the Stockton Works site adjacent to the new steel stockholding division.

## FROM THE MANAGING DIRECTOR

Christmas is first and foremost a time for the family. The holiday when the children come into their own. Mrs. Eccles and I will be kept busy by our four – Alice, William, Catherine and Emily. Many of us will have ten days holiday, taking the three days needed to fill the gap between Boxing Day and the New Year weekend. Let us hope that the weather is seasonal so that we can all make the most of our annual Christmas break.

Christmas is also a time when we look back to the year that is ending and the New Year is a time to assess what 1973 has in store.

1972 has been a mixed year with some good things standing out and pointing the way to progress in 1973. It is a pleasure to record the development of the Massey Rotaform forging machine and the opening of Stockton Precision Forge. We intend to become major suppliers of these new machines and of the forgings made on them. This double objective takes us into two new markets for both the machines and the forgings are different to those now made at Massey and Head Wrightson. The forging principle is revolutionary and most of the parts made will go into motor cars.

This year I have been on my usual quota of sales trips abroad. Three weeks in Latin America and one week in India stand out. In Latin America I visited Chile, Argentina and Brazil to see how the contracts we have are progressing and to assess HW's prospects for another round.

Of course it is true that these three countries have political problems, widely reported in our press, but I think those problems can be exaggerated. Latin Americans for their part often see our own political and industrial problems as being more severe than perhaps they really are.

We have good prospects of further business in this market where we now have the Enami *Chile*, CAP *Chile*, SOMISA *Argentina*, CSN *Brazil*, and Sao Paulo *Brazil* contracts. We shall extend our efforts in Latin America during 1973.

I enjoyed my week in India with our colleagues in HW India. Prospects are good as we are preparing some major quotations. The goodwill in India towards Head Wrightson is impressive. Durgapur made our name in postwar India. We intend to keep it.

It is experiences like these which confirm that we shall go confidently into 1973. I wish all the readers of 'Wright ahead' and their families a Happy Christmas and a prosperous New Year.



John Eccles.

# SPRAY GRANULATOR

An apparatus developed by HW Research & Development Division has provoked keen interest from the international chemical industry. More than a year after the announcement that it is to be marketed, letters are still being received from many parts of the world requesting information about this comparatively small piece of equipment which could have enormous implications.

## What it does

It can transform chemicals, in a single stage operation, from liquids into high quality granules and is ideally suited for treatment of non-heat sensitive inorganic materials. Encouraged by such widespread interest it is believed that there is great potential for the apparatus which has been christened The Spray Granulator. It is accepted that the supply of chemicals by manufacturers in a granule form could solve many of the Chemical Industry's handling problems since they can be poured without clogging or creating clouds of dust. The Spray Granulator is also of great benefit in the treatment of waste

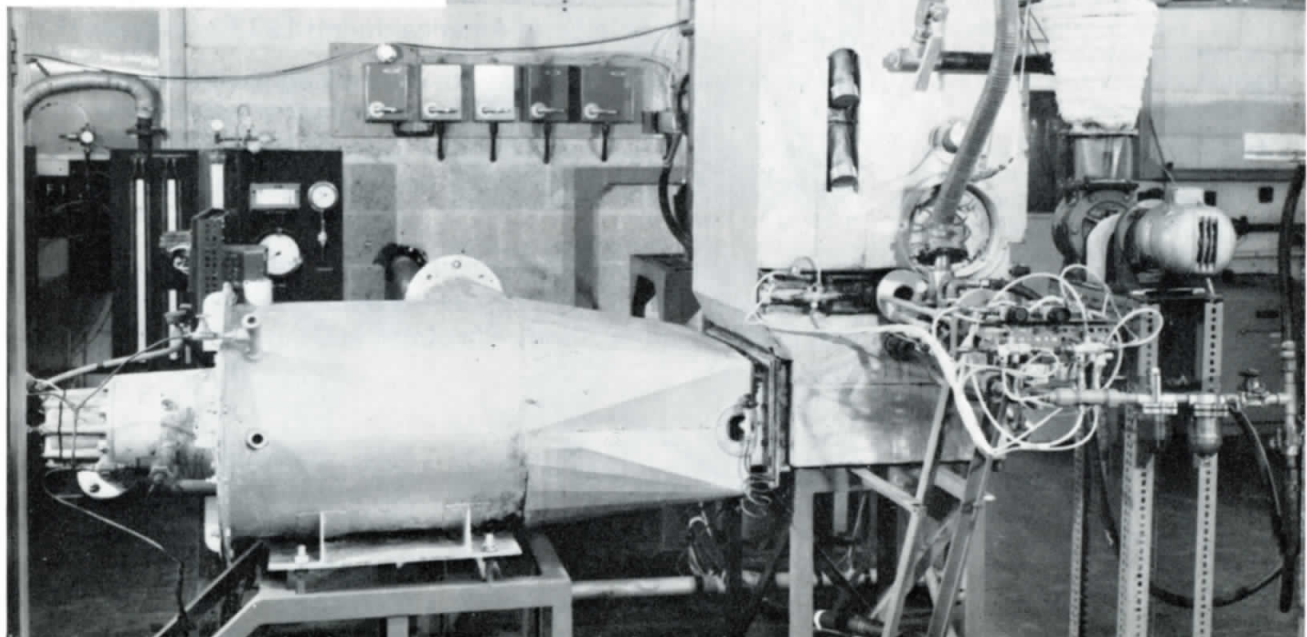
materials. It can recover useful materials in granular form from waste liquids by driving off what is not needed through combustion. In the case of totally unwanted liquids, these can be granulated so greatly reducing their size and turning them into a form which can be bagged for easy handling and removal.

The nearest competitor to the Spray Granulator is the conventional spray dryer which is far more expensive to buy and takes up more plant space. To match the output of the 2ft 610mm by 2ft 610mm pilot plant at R&D one would need a conventional spray dryer measuring 10ft 3.05m in diameter and 20ft 6.1m in height.

## How it works

The process feed liquor is injected beneath the surface of a fluidised bed of hot particles and atomised into fine droplets which impinge on the surface of the particle. Any heavy agglomerates sink to the bottom of the fluidised bed where they are continuously broken up by an arrangement of high velocity air jets and dispersed again into the bed. This piece of equipment is now being marketed from the London Projects Office of HW Process Engineering and an initial order has been received via HW (Australia) Pty Limited for the Adelaide & Walleroo Fertilizer Corporation.

photo: The Spray Granulator pilot plant



# BULK LIQUID CONTAINERS

Grosvenor Steel Fabrications Ltd have signed an Agreement with Grundy (Teddington) Ltd, Middlesex giving Grosvenor the sole rights to manufacture and market the Grundy design of bulk liquid container tanks.

This container was introduced in 1969 and opened a completely new concept in bulk liquid transportation. Its remarkably low tare weight/pay load ratio enables demountable tank payloads to compete economically with conventional

road tankers with the added advantages of lower capital outlay and greater flexibility. Complete modular construction up to 40' 12.2 m is a further advantage. The module, (illustrated) sized 20' x 8' x 8' 6.1 m x 2.4 m x 2.4 m can carry no less than 4,320 imperial gallons 19639 litres. The basic design can be adapted to individual customer requirements which may include insulation, heating, special outlets, calibration, additional compartments, higher working pressures, fork pockets, etc, and will carry non-hazardous and hazardous liquids for operators in the wine, spirits, brewery and chemical market, as well as road hauliers, forwarding agents and



shipping lines. To date Grosvenor have received a £28,000 order from Du Pont & Co (UK) Ltd, Northern Ireland for nine-20 ton 20.32 tonnes containers and three-22 ton 22.35 tonnes containers for the carriage of Toluene Di-Isocyanate, a photo of the first manufactured is shown below. This new manufacturing and marketing arrangement with the HW Group will undoubtedly give further impetus to an already well-established product in the Bulk Liquid Container field and both Grundy and Grosvenor look forward to an increasing market, not only in the United Kingdom but with Container Operators throughout the world.

## IN SPAIN AGAIN

Head Wrightson are no strangers to Spain, particularly in the northern region of Asturias where HW designed and manufactured plant and equipment have been in operation for many years at the Aviles works of Ensidesa. Another order has recently been received for these works. This is for a rebuild of a blast furnace originally built by us in 1954. The design, part supply and provision of supervisory services, valued at around £1m will be undertaken by HW Process Engineering and is the largest contract they have received for a furnace rebuild.

Our associate company, Indein-Wrightson Ltd also feature prominently in this contract as they will handle the supply side valued at £1 3/4m. Most of the materials will be of indigenous supply, although certain items of specialist equipment will be bought in the UK by HW Process Engineering.

The original iron making complex where this rebuild is to take place was completed in 1957 at a cost of almost £4m, since that date three sinter plants have been installed, the last of these being commissioned in 1968.

Design work on the new project is already well in hand at HWPEL Thornaby Offices and is due for completion by mid 1973.

*photo left:* Part of the blast furnace complex at the Aviles works of Empresa Nacional Siderurgica SA (ENSIDESA) Spain

# MORE MASSEY PLANT FOR BRITISH RAIL

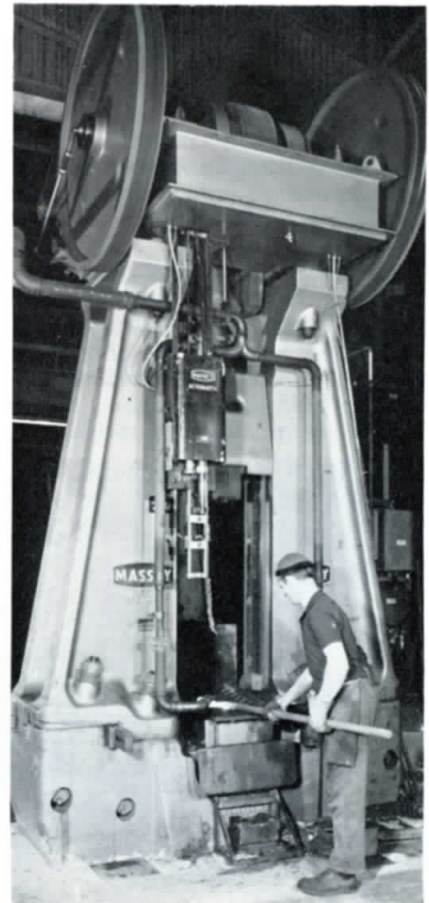
British Rail Engineering have embarked upon the first stage of a re-organisation of their forging facilities and are to concentrate their bulk forging at the BR workshops at Shildon.

The first passenger train ever to run started its journey from Shildon, which is today a very large and expanding complex for the maintenance of British Rail services. In this new expansion of forging production Massey are to supply MSC drop hammers, wide ram trimming presses and spares to a value of nearly £200,000. In addition Massey plant from other BR workshops will be transferred to Shildon. As the scheme progresses it is expected that more orders will be placed for Massey plant.

At the present time over 90% of the forging plant at Shildon is Massey design, mainly drop hammers, some of which were supplied as long ago as 1905 and are still in productive service. Trimming presses, self-contained drop hammers, use rollers and counterblow hammers have also been supplied to BR and will feature in the new forge.

*right:* Massey Battery stamps at Shildon supplied in 1905

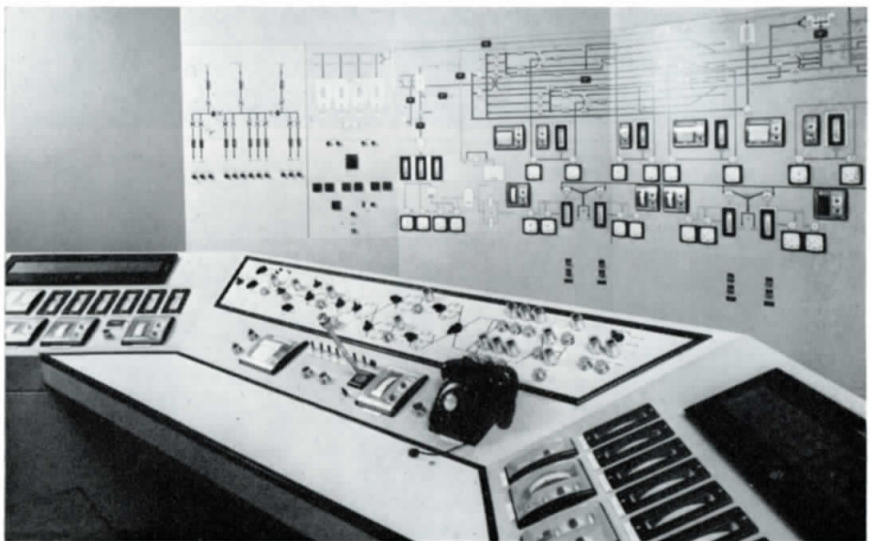
*far right:* Massey "MSC" Drop Hammer



# COLLIERY PLANT ACTIVITY REVIVES

It is now three years since the Sheffield Office of HWPEL was closed and the coal preparation plant business formerly administered there was combined with the mining and mineral processing section at Thornaby.

This move was taken at a time when capital investment in the UK coal industry was at a very low ebb, in fact since that time the NCB have placed only two major orders for coal preparation plant. The second of these was recently awarded to HWPEL and is for a £2m extension to the coal preparation plant at Silverwood Colliery near Rotherham. Coal from a new seam will be re-treated to produce high quality



coking coal, and fuel with a reduced ash and sulphur content for use by the NCB and British Steel Corporation.

The original Silverwood Plant was designed and supplied by the Sheffield Office who also carried out additional major extensions to the plant about nine years ago.

Further major orders are expected to be placed by the Coal Industry, both home and abroad, and the coal preparation section which has been quiet for so long could well benefit considerably from an upturn in this section of the economy.

*photo:* The central control room of a coal preparation plant

# HW AND STEEL STOCKHOLDING

A welcome spread of interests in the quicker turnover parts of our business, generally known as the 'Supply Group' (foundries and forges) is the expansion of HW into the field of steel stockholding.

This materialised with the acquisition of B&S Massey & Sons Ltd when the steel stockholding companies of Alfred Simpson Ltd and Bramall & Wax Ltd became part of the HW Group.

Steel stockholding is a completely new activity for Head Wrightson and can be described, in simple terms, as buying steel in large quantities from the manufacturer and selling in smaller quantities to the user. The steel manufacturer discourages orders for small quantities as these are uneconomic to produce and it is the need to overcome the problem this presents to the steel user, who may need only a relatively small amount, which led to the growth of the steel stockholding industry. Now it is possible for the user to obtain steel in any quantity, size or shape very quickly and it is this ability which has led most users to dispense with steel stockyards thus releasing capital and space for more productive uses.

However, it is impossible for one stockholder to carry all the types of steel which may be needed, therefore they tend to specialise in certain sections of the range. Alfred Simpson specialise in stainless, alloy and bright carbon steels and Bramall & Wax in stainless and black mild steels, although this does not preclude them from supplying other types of steel. Indeed, it is this willingness to provide an all round service to industry which accounts, in part, for their success and the excellent reputation they have in the stockholding world.

A feature of the Alfred Simpson service is the direct G.P.O. lines which exist between each area warehouse enabling sales staff to check stock levels whilst still maintaining telephone contact with the customer.

HW steel stockholding centres are located in Manchester, Cannock Staffs, Sheffield and more recently

in Stockton where part of the Forge Works has been developed for North Eastern Steel Stockholders Ltd.

North Eastern Steel Stockholders Ltd has been established on Teesside for two main purposes ; to further promote the Alfred Simpson steel stockholding service in the North East and to investigate

ways in which Head Wrightson manufacturing companies can take advantage of the Group stockholding facility.

The General Manager of the Teesside enterprise is Dick Pumphrey with Albert Snaith Works Manager and Ray Holton (of Alfred Simpson Ltd) Sales Manager. We wish them well in their efforts.

## Alfred Simpson Ltd

Victoria Rd Openshaw Manchester  
Ted Davies *managing director*  
Jim Green *sales director*

- stainless : sheet, sheet coil, plate, bar sections, tube and tube fittings.
- carbon and alloy steels : bars and sections
- corrosion and heat resisting steel fasteners : rivets, studs, nuts, bolts, washers, screws etc.

## Alfred Simpson Ltd Midland Division

Wolverhampton Rd Cannock Staffs  
Arthur Palmer *midland area director*

- stainless : sheet, sheet coil, plate, bar sections, tube and tube fittings.
- carbon and alloy steels : bars and sections
- corrosion and heat resisting steel fasteners : rivets, studs, nuts, bolts, washers, screws etc.

## Bramall & Wax Ltd

Herries Rd South Sheffield  
Geoffrey Wax *managing director*  
Alan Hardisty *director*

- stainless steel : sheet, plate, bar, forgings, cut shapes and profiles.

## Bramwax Ltd

Herries Rd South Sheffield  
Geoffrey Wax *managing director*  
Gordon Smith *works director*

- mild steel : plate stockists and shearers

## North Eastern Steel Stockholders Ltd

Norton Rd Stockton-on-Tees Teesside  
Dick Pumphrey *general manager*

- stainless : sheet, sheet coil, plate, bar sections, tube and tube fittings.
- carbon alloy steels : bars and sections
- black mild steel : sheet, plate, bars and sections
- corrosion and heat resisting steel fasteners : rivets, studs, nuts, bolts washers, screws etc.

## CALCUTTA FESTIVALS



India is a vast country with many religions, each having their own unique customs and festivals. In this article Kalyon Datta Gupta *General Manager HW India* describes some of the popular festivals of Calcutta.

### Goddess of virtue

Durga Puja or the 'Festival of Autumn' is the greatest religious festival in Bengal and commemorates the victory of Goddess Durga over the Buffalo Demon Mahishasura. This glorious festival symbolises the destruction of overbearing evil by the forces of righteousness-Goddess Durga being the symbol of triumph of virtue over vice – and is celebrated with great pomp and splendour. 'Pandals' or little platforms, gaily decorated and illuminated and adorned with an exquisite image of the deity are erected all over Calcutta. Thousands of people, dressed in their best and in a gay, festive spirit, throng the roadsides to have a glimpse of the image of the Goddess Durga and to invoke her blessings. This festival usually lasts about four days and on the night of the last day the image of the Goddess is taken in procession to the sea or river and immersed. Close on the heels of Durga Puja comes Diwali or the 'Festival of Lights.' The peculiar feature of this festival is that unlike most Hindu festivals it does not pertain to a single deity but to a connected series of worship, its true significance being the conquest of the hydra-headed demons of ignorance by the lights of knowledge. Yes, lovers of Diwali are also lovers of light. They light every nook of their homes and the streets and buildings in Calcutta are also brilliantly illuminated. Young and old alike eagerly join in the displays of fireworks and earsplitting crackers. This festival lasts for about two days during which feasts are arranged and sweetmeats distributed.

### Attainment of desires

In Bengal, Diwali is associated with the worship of Goddess Kali – the presiding deity of force and strength – and comes as a grand finale to the Puja festivities. The Diwali night is known as the 'Kala Ratri' (Black Night) when the image of the Goddess beautifully attired wearing a necklace of human skulls is worshipped and propitiated with sacred rites at the dead of night. Kali Puja as it is called is a stately and gorgeous affair. It is believed that through steadfast prayers and perpetual sacrifice to propitiate Her, human beings can attain the fulfilment of all their desires. Christmas and New Year in Calcutta are celebrated in great style. The most pleasing feature of Christmas is that it is not restricted to Christians, for members of the other communities take as much pleasure in the celebrations. Main streets and thoroughfares like Park Street, Chowringhee and New Market are festooned with coloured lights and chinese lanterns making the city of Calcutta look quite gay and carefree. Christmas and New Year is also the season for cricket and other summer sports like racing and polo which are extremely popular in Calcutta and have very many keen supporters. The weather in Calcutta at this time is simply glorious, the temperature varies between 15°C and 21°C and the sky is absolutely blue and clear without a speck of cloud. In fact between November and February, we have in Calcutta four months of extremely pleasant climate similar to the best summer day that you can have in the UK. The main holidays that we have at this season are Christmas Day, Boxing Day, New Year's Eve and New Year's Day. Many people take the opportunity of going to the sea-side at Puri which is about 250 miles from Calcutta but others find it more of a pleasure to stay in Calcutta and join in all the festivities including the New Year's Eve dances which are extremely popular all over Calcutta, and speaking for myself, I would most certainly stay at Calcutta during this period rather than go away for the holiday. I believe I have given you some idea of Calcutta and its festive seasons, and would like to close with a greeting in Bengali which is very appropriate at this time of the year and this is 'Shuva Vijaya' which means 'Best Wishes for the New Year'.

## THE 1972 AMATEUR SNAPSHOT COMPETITION

The entries in this year's photographic competition provided an arduous but most entertaining evening for the three judges, Dale Reynolds *chief designer Gray Design Associates*, Peter Whitton *publicity manager* and George Wilks *editor*.

The general standard of entries was very high and in particular there were some really beautiful colour slides. The black and white prints presented more action scenes whereas the slides were predominantly views, but the latter showed more imagination from the aspect of a front cover photograph for 'Wright ahead'.

The 'stage manager' Fred Mothersdale *HW Teesdale* did a first class job in organising the viewing arrangements for the judges—again meticulous in every way. No one, other than Fred, knew the names or in fact anything about the entries until the judges pronounced their final decision. The surprise feature of this was that Mr BP Lynch *Grosvenor Steel* not only won the first prize of £5 but also a further prize of £3 with his second entry. Well done Mr Lynch, we were indeed pleased to receive entries from Manchester (no doubt this is reciprocated by your prize money?) It was completely coincidental that the subject of the first prize entry was appropriate for the cover of this edition, and indeed that all winning entries depicted various studies applicable to all the seasonal issues of 'Wright ahead'.

A sincere thank you to all employees who submitted entries and congratulations to the prizewinners. We hope that you will all enter into the spirit of the competition again next year when perhaps other employees may be encouraged to participate.





**Prizewinners**

The judges were unanimous about their final selection and of the winning entry but they couldn't agree on the choice of second or third, eventually they decided that three entries should each receive a prize of £3.

**£5 prize**

'Waggoners Wells' by BP Lynch *Grosvenor Steel*, whose colour slide entry is reproduced on the front cover. This was intriguing and stood

out as being different from the other entries. It was nicknamed 'eerie' by the judges and constantly referred to as such in their final deliberations.

**£3 prize**

'Interior of a Cotswold pub' HD Dawson *HW Teesdale*, this was a really beautiful and fascinating slide with a wealth of interesting features—certainly the mixture of the woodwork colours cannot be truly perceived in the black and white reproduction illustrated.

**£3 prize**

'Long Jump' BP Lynch *Grosvenor Steel*. This was one of the few action slides and viewed on the screen appeared to be in three dimensions with the young man jumping out of the picture—an ideal illustration in 'lighter vein' for the summer edition.

**£3 prize**

'Autumn' JI Stalker *HW Machine Co*. A well balanced sepia print presenting a delightful study of the Autumn season.

# WHAT'S IN AN IMAGE?

## First impressions count

When you go to a restaurant, visit a friend's house or visit another town, the first impression you get often remains with you even if what you see later tells a different story. The same is true of companies. The first contact that people have with a firm is important, if they don't like what they see, they may not want to come again—and that may mean a lost order or at least a lost opportunity to tender. And if the person does come back again, that first impression may be lasting and may tend to colour their thoughts in the future. What impression do we want to give to people with whom we are in contact?



Firstly, we want to look efficient. We want to demonstrate in the way we deal with telephone calls, handle correspondence or make arrangements for visitors to see our premises, that we are competent people and able to manage our affairs efficiently. Secondly, we want to demonstrate our keenness to do business. We must be sure that if a potential customer takes the trouble to contact us, then we display our interest clearly and show our eagerness to be of service. Thirdly, we need to show that the considerable resources of the

Head Wrightson Group will be at the disposal of any of our customers. In other words, if customer X contacts our Mr Y, it is not just Mr Y's company services which are offered—it is the full range of Head Wrightson's capabilities, ie technical, manufacturing, research, management and finance.

## In the public eye

The customer or potential customer is clearly the prime target for our attention. But we must remember that shareholders, sales representatives, civil servants, local government officers, the press, radio and TV and the general public also come into contact with us and we want to generate an image of respect for the Company. What people think about us is important. Our front line ambassadors to the outside world are directors, sales people, telephonists, receptionists and so forth, all of whom have a personal responsibility to create the right impression of the Company in the minds of everyone they deal with.

In addition to this direct personal approach, we also have a corporate identity scheme which dictates the visual appearance of a number of things involved in business life. This scheme is intended to reflect the efficiency and sales consciousness of the firm and the fact that all the HW Group is pulling together as a concerted effort.

The corporate identity (or 'the image') lays down a distinctive way of writing our Company name, (the namestyle), Company colours (black and silver) and a style of setting out letters, forms, name plates and of painting vehicles and buildings which is at the same time efficient, distinctive and economical. Our corporate identity was prepared by Gray Design Associates and is embodied in the Design Manual. Without incurring undue expenditure, it obviously takes time to bring a scheme such as this into use. It is some four years since the Design Manual was begun and it is now almost complete. In fact all documentation of any kind which goes outside the Company must be in line with the image. Our commercial vehicles have been in the new colour style for some time and nameplates on products and signposts on our premises are being brought into line. The

painting of office interiors in the prescribed colours is proceeding apace. In fact we have reached the point where the full scope is becoming obvious to employees and the interested public alike. It should begin to pay dividends in the impression of efficiency, eagerness to serve and united effort.

## 4250 ambassadors

Currently there are 4250 employees in the HW Group, only a few of whom are officially salesmen. But all employees have a part to play in



sales promotion and in doing so, contribute to the prosperity of the Company and themselves. Obviously those in direct channel of communication with our customers whether by telephone, by letter or by personal contact, play an important part in the creation of goodwill. But all of us can help our 'image' by keeping our reception areas, offices, workshops, car parks, roadways and grass verges TIDY and free from litter to help the Company's endeavours in maintaining clean and businesslike surroundings. Tidiness, neatness and courtesy are perhaps little things but they are equally important to our image—an image which reflects you—our ambassadors. There is great talent and experience within HW and the Group has efficient and well organised manufacturing resources. A tremendous amount of skill, money, time and effort is put into our products—from the boardroom, offices, research, drawing boards and the shop floor. We can all take pride in our products—let us ensure that the image we project is commensurate with the true qualities of the firm and its employees.

HEAD WRIGHTSON

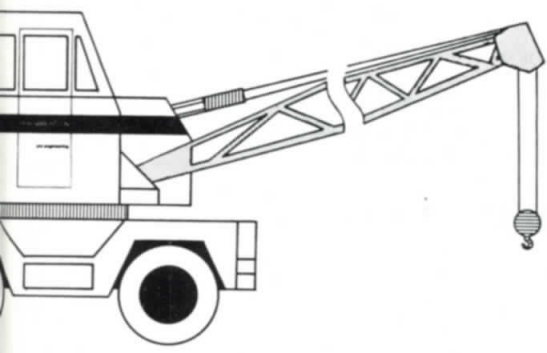
steel castings



all goods vehicles report to gatehouse



cars must not be parked in front of these garage doors



HEAD WRIGHTSON  
GROSVENOR  
B & S MASSEY  
STEELCAST



## Head Wrightson half year report

	Half-year to 31 July 1972	Half-year to 31 July 1971	Year to 31 Jan 1972
	£000	£000	£000
Turnover	15,467	16,981	34,839
Trading Profit	310	439	1,102
Bank and Debenture Interest	(44)	(11)	(25)
Investment Income	266	428	1,077
Profit before Tax	5	—	6
Tax (estimated)	271	428	1,083
Profit after Tax	(97)	(204)	(466)
	174	224	617

*Note: The figures for the year to 31 January 1972 include £23,000 being the post-acquisition profits of B & S Massey & Sons Limited and £34,000 being a charge shown in the accounts at that date as an extraordinary item.*

*The Group results are based on unaudited figures.*

Attention has been drawn in earlier statements to the possibly misleading nature of interim figures resulting from the completion dates of long term contracts.

We expect the profit for the year to be broadly similar to that for last year.

The half-year to 31 July 1972 has been difficult. The period included both the power shortages of the miners' strike and the dispute between the engineering unions and employers.

Incoming orders were by no means satisfactory during the six months under review. There is now a distinct improvement which, if maintained, will make it possible for us to continue the progress made in recent years.

The Directors today authorised the payment of an interim dividend of 1p per share on the Ordinary Shares, absorbing £134,000 (1972 1p - £106,000) on account of the year ending 31 January 1973 payable on 8 February 1973 to members on the register on 11 January 1973. The Dividend has been deferred by about six weeks to take advantage of the transitional provisions of the Finance Act 1972. We expect to recommend a final dividend of 2p per share absorbing £188,000 (1972 2p - £268,000) making a total of 3p for the year (1972 3p).

9 November 1972

Head Wrightson & Co. Ltd., The Friarage, Yarm, Yorkshire.

HEAD WRIGHTSON



## NEW PRESIDENT: CLEVELAND ENGINEERS



Mr FA Batty *director and sales manager HW Machine Co Ltd* was inaugurated President of the Cleveland Institution of Engineers on 6 November 1972, continuing the long association which Head Wrightson has had with the Institution since its formation in 1864. Mr T Wrightson later Sir Thomas Wrightson, Bart, was a Founder Member and the first Treasurer of the Institute, he was also President for the years 1874/76 and again during the Jubilee Year in 1914. In more recent times Mr NC Lake, Mr WH Mather and Mr TH Stayman have maintained the HW association as occupants of the Presidential Chair. The Institute was originally formed to enable the engineers of the newly established ironmaking trades to meet socially to discuss technical matters—it continues to provide this service today to engineers employed in the industries started by those early pioneers. Names like Bell, Dorman, Long, Bolckow, Vaughan, Gjers, Pease and many others appear in the Institute's past membership. It is perhaps interesting to note that the subjects discussed by the Institute in 1864 included 'Recent improvements in Tunnelling', 'Speed of Piston', 'Steel versus Iron', 'Traction on Railways'. The current season's programme includes 'North Sea Oil', 'Sea Gas—Developments and Prospects', 'Changing Quality Demands for Steel', 'Mini-Mills', 'Plant Design, Operation and Maintenance' and a joint one day meeting with the Iron and Steel Institute on 'Continuous Casting'

combining a paper and a visit to the South Tees works of BSC.

The social side has not been forgotten and bar facilities are now available before and after meetings. The Annual Dinner was held on Wednesday 29 November and the Annual Dinner Dance for this season is arranged for Friday 13 April 1973 at the Ladle Hotel Middlesbrough.

The Cleveland Institute of Engineers is perhaps the oldest traditional 'Guild' of the Tees area. But is it not a little strange that over 100 years ago the Founders included in their title 'Cleveland' a name probably to be designated to our new County?

## NEW ACTIVITIES IN LONDON



Earlier this year the gas cleaning activities of the Company were transferred to our Baltic Street office as a step to improve the effectiveness of the company's pollution control service. This section forms the basis of a new division of HW Process Engineering known as London Projects Office (LPO) which operates independently of Special Products Division (specialists in cooling towers etc) who are also located in the same building. The London Projects Office employs some forty staff and their first orders are in hand. With further work in the pipeline, LPO manager John McCrone *above* considers prospects to be good. While the main interests of the division are currently gas cleaning and spray granulating (see article page 2), considerable expertise can also be provided for management engineering contracts such as the Southwire Copper project, the Hamburg Aluminium Smelter and the CAP (Steelplant in Chile).

## PRIZE PRESENTATION NIGHT

The annual prize presentation for the various inter-departmental sports competitions held during the 1972 season at Teesdale Park, took place in the Social Club on Thursday 28th September when Mr John Eccles *managing director* presented awards to the winners and runners-up of the bowls, cricket, darts and football competitions. This year HWPEL really scooped the board being the winners of the bowls single rink, the bowls three rink, the cricket and the darts team event—a commendable achievement. Equally so were Teesdale Bridge Yard who were the football champions and also in the finals of the bowls single rink, bowls three rink and the darts team competitions.

Over 700 personnel competed in the various events.

Thanks were expressed to all who participated towards the success of the competitions and in particular to:

J Barker *darts secretary*  
W Ferguson *social and athletic secretary*  
O Friis *groundsman*  
R Nicholson *football secretary*  
M Pratt *cricket secretary*  
R Waller *bowls secretary*

### Award winners:

#### Bowls single rink

*winner*—HWPEL  
L Berry, T H Edwards, S G Waites,  
D Walker, F Watton  
*runners-up*—HW Teesdale  
*Bridge Yard*  
R Brown, A Dixon, A Heron,  
D Lackenby, A Waton

#### Bowls three rink

*winner*—HWPEL  
L Berry, J Crawford, T H Edwards,  
D Fryer, D Hodgson, C Howard,  
I Lambert, G N Metcalfe,  
M Richardson, G F Smith,  
S G Waites, D Walker, F Watton  
*runners-up*—HW Teesdale,  
*Bridge Yard*  
R Brown, A Chesser, S Cotts,  
A Dixon, J Hall, J Jones,  
D Lackenby, D Littlewood,  
K Moody, W Merryweather,  
J Place, A Turley, A Waton

#### Cricket

*winner*—HWPEL  
R Corke, D Fryer, D Good, G Hall,

E Jewitt, E Jones, G Mason,  
D Merryweather, T Newbould,  
M Pratt, T Sawdon and B Wilson  
*runners-up – HW Teesdale –*  
*Maintenance*

R Barron, B Cross, P Ford, B James,  
N. Kitchen, A Lloyd, C McArthur,  
R McKie, M Mett, P Moore,  
E Porteous and D Proctor

**Darts individual**

*winner – F Gamble, Training Centre*  
*Instructor*

*runner-up A Gott – Steelcast*  
*Billingham*

*semi-finalists – A Mawby,*  
*HWT-Bridge Yard and H Scarth,*  
*Steelcast – Billingham*

**Darts team**

*winner – HWPEL*

J Morgan, A Nicholson, C Redman,  
L Roberts, T M Taylor, and D Wren  
*runners-up – HW Teesdale, Bridge*  
*Yard 'B' team*

B Alsopp, T Davis, G Gascoyne,  
R Humphrey, S Nottingham, K Poole

**Football**

*winner – HW Teesdale, Bridge*  
*Yard 'B' team*

E Allsop, J Baldwin, M Cronesbury,  
T Davies, B Dolan, G Gascoyne,  
C Newton, J Pepper, G Rogers,  
W Rogers, R Wilson, and K  
Woodhouse

*Runners-up – HW Stampings*

A Boylan, E Brown, M Day, D Hunt,  
J Hutton, J Loughlan, B Murray,  
N Pratt, B Rigby, J Skirving,  
G Thomas, and I Thompson

*top:* The Managing Director John Eccles  
with W Ferguson *Social and Athletic*  
*Secretary*, JH Doran *Personnel Manager*  
*and Chairman of the Employees' Council*  
and J Hunter *Vice-Chairman of the*  
*Employees' Council.*

*upper centre:* A pleasant surprise in this  
years competitions was the entry of a  
ladies team from HW Teesdale in the darts  
competition. They did in fact win through  
the first round and fought gallantly in their  
defeat—Well done girls—see you next year.

*lower centre left:* Alan Gott *darts individual*  
*finalist congratulates Fred Gamble the*  
*1972 champion.*

*lower centre right:* Teesdale Maintenance  
dept cricket team—*runners up in this*  
*year's competition.*

*Back row left to right* B James, E Porteous  
P Ford, R Barron, R McKie and N Kitchen.  
*Front row* M Mett, A Lloyd, P Moore,  
B Cross and C McArthur.

*bottom:* HWPEL cricket team—*winner of*  
*the 1972 interdepartmental competition.*  
*Back row left to right* E Jones, T Newbould  
E Jewitt, D Merryweather and G Mason.  
*Front row* D Fryer, R Corke, T Sawdon,  
G Hall, B Wilson, D Good and M Pratt.



# CANADIAN CAPERS

by the Bennison Twins  
HWPEL—London

Our 22 days holiday in Canada started with an excellent flight on a Boeing 707 from Gatwick. After a short stop at Newfoundland Airport for re-fuelling we passed over most picturesque countryside; mainly small islands and lakes with little clusters of villages dotted about, which continued for the rest of the journey until the approach to Toronto when tall buildings and wide roads came into view. The first thing we noticed on landing in Canada is the amount of space, everything is so wide apart, the roads are so big and the houses are nearly all detached with garden the whole way round. At first this amount of space gave the impression of loneliness which, once you get to know the people, disappears immediately.

On arrival at Toronto Airport, we were met by our cousins and taken to their home where we had our next surprise, this was the layout of their house. The houses are all beautifully landscaped and spotlessly clean, litter being frowned upon by everyone, but the thing we liked most was the basement. This may sound strange but you can dismiss the thought of a basement as we know it, for their basement contained a complete flat with bathroom, shower, washroom, workroom and a huge lounge with a massive fireplace for the burning of logs in winter, the basement being cool in summer and warm and cosy in winter and of course the extra space it provides is wonderful.

Toronto, the capital of the Province of Ontario, is a very interesting city with a variety of entertainments. In particular, we were lucky enough to be there during the World Fair, which really was a most interesting place with a multitude of exhibition halls, the trouble being there were so many that we had to limit the time in each pavilion, needless to say we made two trips to the exhibition and still did not see everything. Toronto also has a marvellous science museum which really is the best of its kind we have seen, you are able to participate in all the exhibits besides trying to keep up with the film shows that are going on in nearly all the halls, it is a very



modern building and an absolute must for any visitor to Toronto. Then there is Centre Island which is just off the Toronto mainland on Lake Ontario. Here a beautiful leisure park has been created, with trees, walks, boating lakes and excellent swimming facilities complete with man-made beach. A day spent at Centre Island is a real delight.

*photos: by courtesy of Ontario House*

*above: Toronto New City Hall*

*below: Upper Canada Village*

*opposite page: Horseshoe Falls with Seagram Observation Tower*



## *Discovering Ontario*

One of the highlights of our holiday was a 7 day camping trip round Ontario and anyone who has been to Canada will know this was sheer bliss. We travelled by car complete with a camping trailer. These trailers consist of a base about 6ft by 7ft with two platforms folded into the centre, when you are ready to camp for the night you open up the centre boards which form two full size double beds complete with mattresses, so it's really camping in

comfort, and the whole thing is 3 ft off the ground so there is no fear of dampness or insects pestering you during the night, and of course as you open the beds a large tent comes up over the whole thing. With this comfort in mind we journeyed along Lake Ontario towards Montreal which is in Quebec Province. The first night we stayed at the Ivy Lea Provincial Park, these parks are beautifully kept and set out into small camping sites complete with a barbecue and logs for the fire, they also provide ample drinking water and excellent toilet and washing facilities. The space in these parks is something that has to be seen to be believed, most of them have a lake for swimming and acres of forest and park lands, these parks can be recommended to any would be traveller wishing to see Canada in this fashion.

After a very pleasant overnight stay we pressed on up the St Lawrence river spending a day at the Upper Canada Village, this is a village run and kept as it would have been during the 1800s. It is a fascinating place completely self supporting although helped by the Provincial Tourist Board. All the buildings are originals having been brought from various parts of Canada and re-constructed into a village, complete with a school and church. We continued along the St Lawrence and crossed the bridge into Montreal, here we stayed with our cousins' relatives for two nights and were able to see the city by day and night. It is a lovely place, overlooked by a mountain with viewing places around its peak. Again we were very lucky to have the help of friendly people who went out of their way to show us around and make sure we saw the best of their city.

Next day we set off towards Sudbury which is a mining town, we travelled via Ottawa the Canadian Capital, up the lower and upper Ottawa valley which is very lovely country with valleys and lakes and towering pine trees on either side of the highway. We spent a further two nights at Fitzroy Harbour Park which again was a wonderful experience. One of the things that we found particularly interesting in these parks was the presence of many chipmonks, these are friendly little creatures about six inches high and all seem to be tame and will come and eat food given to them round the camp fires, they are very pretty and completely captivate their audience.



## *MOONSCAPE*

As one approaches Sudbury you are struck by the drastic change in scenery, instead of the hills and lakes and the tall pines, you travel through barren and rocky countryside with black rock and little else, its just like the pictures of the moon we are now so used to seeing. On mentioning this to our friends we were told that indeed this is the place where they train the men for the moon walks, as it is more like the moon's surface than any other place on Earth. We stayed two nights in Sudbury, again with friends who showed us around this barren but interesting place. Being a mining community the first thing people want you to see are the mines where they make all the money for Canada from nickel which is smelted from the ore along with at least five other kinds of minerals. The molten rock is then poured down the slag heaps and at night this is a spectacular sight which is a must for any visitor to Sudbury, for the brilliant orange glow from the molten slag can be seen for miles around. At Sudbury, they were already talking about getting things ready for the winter, which they do their best to enjoy. They have snowmobiles for getting about when they have a lot of snow, these are like a small car on ski's and provide a great deal of fun when the deep snow would otherwise keep people indoors. Winter is well catered for here with ski runs, ice skating and ice carnivals which are held on the frozen lakes. Leaving Sudbury we were soon back amongst the fir and pine trees which are abundant throughout Canada, and returned to Toronto via the Thousand Islands and Lakes which are quite breathtaking in their beauty. After passing through places with

names like Black Creek and Red River we arrived home tired but very very happy with all we had seen, and indeed would not have seen had it not been for the kindness shown to us by our relations and their Canadian friends who went out of their way to show us their Country.

## *Niagara*

Our last week in Canada was spent in and around Toronto with evening trips to the various lakes for swimming, one of which was Lake Simco a particularly pretty place. But the highlight of this week was a trip to Niagara Falls, you really have to see these magnificent falls to get some idea of their splendour, it is something you just can't put into words to describe their rightful glory. The water just thunders down and you find yourself shouting to be heard above it, the noise is terrific and you appear to be transfixed just staring at this wonderful sight: when you are able to tear yourself away you can go down under the Horseshoe falls and look out through the cascade of water, this is a unique experience and worth the drenching you get despite being dressed in waterproof macs and wellington boots. At night the falls are floodlit in different colours and the effect is a marvellous array of colour and white spray. From the top of the tall skylons that have been built you get a wonderful view of both the American and Canadian falls which is a panoramic scene you will never forget. Our holiday reminiscence is now drawing to a close, and we hope you enjoyed the trip as much as we did. With distant countries becoming more and more accessible perhaps one day you too may see for yourself the beauty that is Canada.

# STEELCAST GOLF CHAMPION



Congratulations to Mr IP McDowall *technical director Steelcast* on his golfing prowess at the SCRATA (Steel Casting Research and Trade Association) General Division Conference at St Andrews in October. Ian won the Rankin Cup in a Stableford Competition on the 'old course' which is an annual competition providing a little light relief for the Conference delegates.

## HW SOCIAL CLUB

Teesdale Park, Acklam Rd, Thornaby

### Weekly programme

Wednesday	50/50 dancing to Ernie Wilson's Band
Friday	Bingo
Saturday	Entertainer's
Sunday	Bingo

## SPORT & SOCIAL

### HW Cricket Section

1972 was an enjoyable season with some good cricket and the encouraging factor that the 1st and 2nd teams both finished in 4th position in the League tables. A pleasing feature also was the recruitment of two players from the Training Centre, Martin Wood, a promising opening batsman and Robert Fryer a fast bowler who took 54 wickets in all during the season.

#### Leading averages :

##### 1st eleven

G Bell	444 runs	av 26.1
L Huitson	215 runs	av 16.7
D Fryer	48 wickets	av 7.4
M Bradley	10 wickets	av 4.3

##### 2nd eleven

G Watson	210 runs	av 19.09
M Wood	138 runs	av 18.25
D Carr	29 wickets	av 7.6
D Coupland	16 wickets	av 5.75

### HW Golf Section

Golf is a game which statistics reveal a popularity growth in excess of any other sport in Britain.

The annual subscriptions to golf clubs in the Teesside area are in the region of £25 per year so it is not surprising that golfers are keen to enter all competitions organised by their own golf clubs where no charge is made except for a 'sweep stake' entry. Club competitions account for a large part of golfers leisure hours—leaving little time for additional golfing activities such as participation in works golfing societies. Consequently it is very gratifying to the organiser that so many people were willing to play in the HW Golf Section's competitions this past season.

The Knockout Match Play Competition attracted an entry of 24—which is the highest number for some years.

The final took place on the 14 October, when Alan Sowerby *HWPEL*, playing off 9, beat Mike Round *Teesdale Machine Shop*, off 16, by 5 and 4.

The Bob Sturges Trophy played at Dinsdale Spa on Saturday 28 October attracted another very good entry of 36 players. The weather was excellent—the course in good condition—players arrived at the 1st tee promptly—all the ingredients for

an enjoyable round of competitive golf.

For the second successive year *HWPEL* produced the best nett score for two cards and retained the Trophy. The two players responsible being :

M Corner 73—6—67

D Good 78—13—65

The best gross score was returned by Mike Corner with 73.

The Stableford Competition was won by D Good *HWPEL* with 37  $\frac{3}{8}$  points and C Corbridge *HWPEL* second with 35  $\frac{3}{8}$  points.

The prizes and trophies for the 1972 competitions were presented by Mr WH Adams *director*, following the final competition of the season at Dinsdale Spa on 28 October.

### HW Bowls Section

The 1972 season was a fairly successful one for the bowls section finishing in the top half of the North Yorks EBA League which is the premier league of the area.

They won the NY South Durham Works League and were beaten in the cup final of the same league. Individual honours won by Club members were :

### Works League Rink Competition

*winner*s: W Gartry, W Maidens, R T Waller and T W Waller

### Works League Open Tournament

*runner up*: W Maidens

### Harry Shaw Shield

*runner up*: G Woodwork

### Stockton Open Tournament

*runner up*: R T Waller

### HW Works Band

The Works Band took part in the WD & HO Wills Regional Qualifying Championships on 2 December. Having won, they will again be participating in the all England finals to be held in London on 14 April 1973. They are also competing in the area National Brass Band Championships at Sunderland on 4 March, the finals of which will be staged in London in October 1973. The Brass Section of the Stockton Musical Festival was held on Saturday 11 November when soloists from the HW Band again came out on top repeating their successes of the previous year. Stephen Walker was first in the Junior class playing on his cornet the song 'Allelujah'. The Senior



Class went again to Ken Brown with a remarkable performance of 'Hummell's Cornet Concerto.' A close second to Ken was Colin Dye on the Baritone who played 'Honour and Arms' from Handel's 'Samson.' His brother David came next with Mozart's 'Horn Concerto' followed by Arnold Walker, who did very well on a very difficult trombone solo.

A really good day for the HW Band. The adjudicator, Mr. Gordon Slater, remarked on the pleasure it was to listen to all of these excellent soloists.

Stephen Walker won the Hetherington Cup, a plaque and certificate and Ken Brown won the Bainbridge Cup, also with a plaque and certificate.

### HWM Staff Benevolent & Social Fund

The annual presentation evening was held on the 19 October at the Fountain Hotel, Ormesby, when members also had the opportunity of viewing the entries in the 4th Annual Photographic Competition. The judges were Mr D Thurman and Mr A Lynn of Saltburn Photographic Society, who commented on the various entries whilst the photographers anxiously awaited the final result, when again, for the third consecutive year Neville Teasdale was proclaimed the winner.

Mr PJ Llewellyn *operations director* presented awards for the various competitions held during the year as follows :

*treasure hunt* John Stalker  
*golf* Cyril Riseborough  
*bowls* Stan Woolard  
*tennis* John Dale

### 4th Annual Photographic Competition

*colour slide* Neville Teasdale  
*colour print* John Stalker  
*black and white print* Laurie Richardson

The advanced photographic competition for the O'Connor Cup was awarded to Brian Sharp and the overall Photographic Society winner, Neville Teasdale received the Llewellyn Cup.

*top:*

Winner of the colour slide section and overall winner of the competition

*centre:*

Winner of the colour print section

*bottom:*

Winner of the black and white section





### Senior Staff Guild

A party of Senior Staff Guild members and their ladies during the evening visit to Bowes Museum Barnard Castle. The Guild also organised a visit to BSC Lackenby Works in September and at the time of going to press arrangements are in hand for an evening at the Forum Theatre Billingham in December and a cheese and wine evening in January.

### HW Annual Show

The Annual Garden Produce and Handicrafts Show was held in the Social Club on Saturday, 26 August, the organisation of which was as is usual in the capable hands of Mr JBA Suttill *HW Teesdale*. There were 150 entries which was quite reasonable considering the poor gardening weather which beset us this summer. It was gratifying to hear that the Horticultural judge, Mr K Featherstone considered that the standard of exhibits was quite good. Mr FG Addison *HW Teesdale* again scooped the board with 15 first and 14 second prizes. The full prize winning list is as follows:

	1st	2nd
FG Addison	15	14
W Mason	5	2
WL Hall	5	1
G Mohammed	3	3
S Nottingham	2	3
A Christon	1	2
EV Lockney	1	2
J Wain	1	2
Mrs J Hall	1	0
J Jeffels	1	0
J Suttill	0	1

Prize winners in the handicrafts sections were:

Mrs J Hall, Wendy Jeffels, Mr G Sprigg, Mrs R Sprigg.

In the children's section the prize winners were:

Gail Coulson, Trevor Mohammed, Barbara Sprigg, Valerie Sprigg.

The handicrafts and children's section judge was Mrs A Addison.

## RETIREMENTS

We wish each of the following personnel a long and happy retirement:

**HW & Co Ltd**  
T McPartland *33 years' service*

**HW Foundries—Billingham**  
RA Dale *45 years' service*  
GW Fagan *46 years' service*

**HW Foundries—Thornaby**  
THJ Smith *44 years' service*

**HW Machine Co**  
C Cooper *21 years' service*

**HW Stampings**  
GP Cheevers *15 years' service*

**HW Teesdale**  
E Atkinson *45 years' service*

get with it..

**WEAR  
THE RIGHT  
GEAR**

## TRAINING NEWS

### Sandy Muir Award

The Sandy Muir Memorial Award to the best apprentice boilermaker was this year awarded to JC Dalking *Teesdale Bridge Yard*. Jim, who lives at Darlington, started his career in the HW Training Centre in September 1969 and transferred to the Bridge Yard a year later. He is a very keen musician and plays the 'double bass' in the Works Band, he was formerly in the Darlington Schools Band. The Double B Flat Bass is one of the most expensive of brass band instruments and certainly one of the largest to carry around. Best of luck Jim with your technical and musical careers.

### Module training successes

Congratulations to the following trainees who have successfully completed their first training module, validated by the EITB.

PA Bradbury <i>HWM</i>	H25 fitting
A Bulmer <i>HWT</i>	F2 welding
K Dawson <i>HWT</i>	H2 turning
J Elliott <i>HWM</i>	H2 turning
RR Fox <i>HWT</i>	D1 thick plate working
AG Leadley <i>HWM</i>	H2 turning
JB Murray <i>HWM</i>	J22 electrical maintenance
PJ O'Connor <i>R&amp;D</i>	H2 turning
J Proctor <i>HWM</i>	H2 turning
C Shackleton <i>HWM</i>	H3 fitting
D Tanner <i>R&amp;D</i>	J2 electrical maintenance
R Wilkinson <i>HWM</i>	H2 turning

### Commercial successes

Congratulations also to the following personnel on their recent qualification achievements.

DM Akerman <i>HWM</i>	Inst Cost & Management Accounts Part IV
SR Forrest <i>HW</i>	Certificate in Office Studies
L Gaston (Mrs) <i>HWPEL</i>	Private Secretaries Certificate
E Jones <i>HWPEL</i>	Ordinary National Certificate
C Mack (Miss) <i>HW</i>	Private Secretaries Certificate
RC Morrison (Miss) <i>HW</i>	Certificate in Office Studies



## MARRIAGES- BEST WISHES



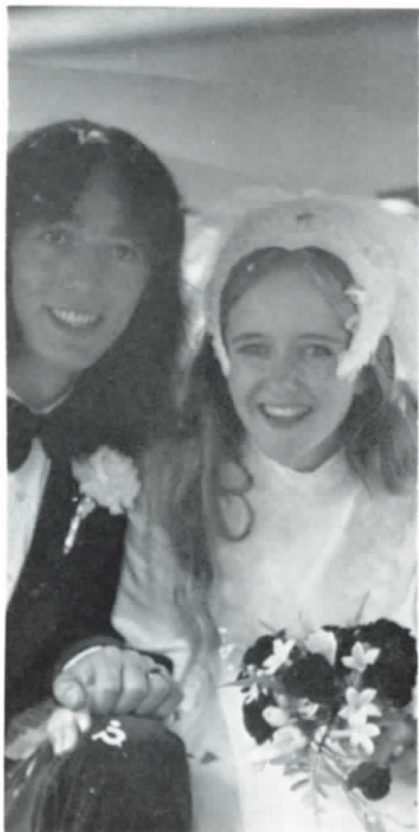
**HW & Co Ltd—Yarm**  
Mr SC Merryweather *buyer* to  
Miss M Hopton

**HW & Co Ltd—Thornaby**  
Mr JH Barthram to  
Miss P Richardson *computer dept*  
Mr BH Foster to Miss JA Johncox  
*computer dept*



**HWPEL—Thornaby**  
Mr M Snaith *DO* to Miss JA Lea  
Mr L Gaston to Miss J Ross  
*secretary*

*above left: Mr and Mrs Merryweather  
above centre. Mr and Mrs Barthram  
above right: Mr and Mrs Foster  
below left: Mr and Mrs Snaith  
below right. Mr and Mrs Gaston*



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