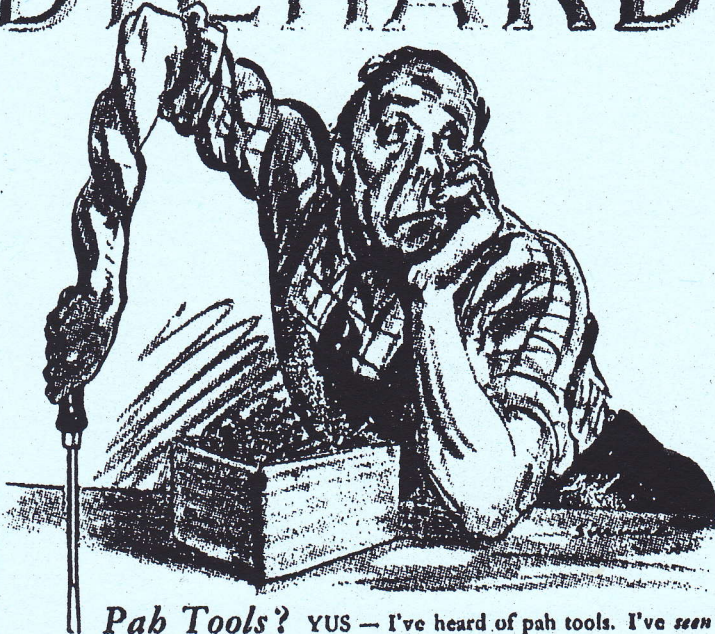


T  
TGT

DIEHARD



*Pah Tools?* YUS — I've heard of pah tools. I've *seen* pah tools. 'lectric ones! Pewmatic ones. Piddlin' things like what you'd give your kid to play wiv. You don't get me usin' no pah tools. I must of screwed a 'undred million screws in by 'and and I ain't startin' no pewmatic doodahs. Pah tools are faster? *Oo wants* to be faster? Easier? Work wasn't nient to be easy, mate. Work 'as to be 'orrible or we shouldn't want to stop! You bin readin' them Desoutter ads mate, that's wot you bin doin'. You don't want to be led away by no advertisements. Stick to your screw-driver, mate, and go 'ome tired of an evning, same as me. *Desoutter! Pah!*

Newsletter 62  
December 2001  
The Traditional Tools Group Inc

**TTTG Inc.**

**THE TRADITIONAL TOOLS GROUP (Inc.)**

**TTTG Newsletter No. 62. December 2001.**

**Contents.**

<b>Editor's Notes.</b>	Bob Crosbie
<b>Meetings.</b>	
<b>Correspondence.</b>	
<b>Information Wanted / Information Received.</b>	
<b>Events.</b>	
<b>John's Page.</b>	John Daniel
<b>Viewpoint.</b>	P.E. & J. D.
<b>Carter Tools, Precision Instruments.</b>	
<b>A 1903 Brush Factory.</b>	
<b>The WOODMACHINCO Wonder Bench.</b>	
<b>Forgotten innovations.</b>	
<b>The "Shouldering" plane.</b>	
<b>Australian Tool Collector's Web Site.</b>	
<b>TTTG Classes 2002.</b>	
<b>Directory/ TTTG Committee.</b>	
<b>Library News.</b>	Rick Mitchell
<b>Advertisements.</b>	

**Cover:** Advertisement for Desoutter Power Tools.  
from Goodall's Catalogue 1955

**2001-2002 Subscriptions are due.**

**Subscription Rates :**

Sydney \$30. Overseas \$30.

Out of Sydney & Other States \$22.50. Australian Pensioners \$22.50.

Postal Address.

The Secretary TTTG (Inc.)  
P.O. Box 240 Grosvenor Place  
Sydney N.S.W. 1220.

**Enquires:** Mike Williams

02 9144 6356

Bob Crosbie

r.crosbie@bigpond.com

© Copyright 2001. Opinions expressed are those of the contributor.

## Next Meeting

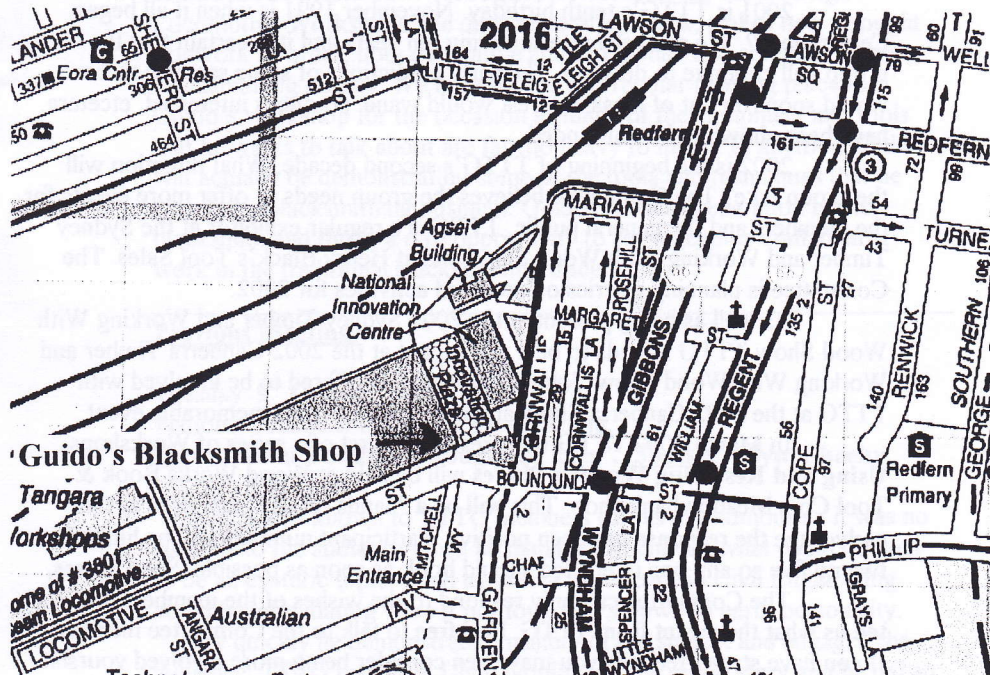
Tuesday 11<sup>th</sup> October 2001

### The Blacksmith's Shop

Australian Technology Park, Eveleigh

Commencing at 7:00pm

See the map below.



### PROGRAMME

1. FOR OUR LAST MEETING OF THE YEAR, WE ARE VISITING GUIDO GOUVERNEUR'S BLACKSMITH SHOP ON THE SITE OF THE OLD EVELEIGH RAILWAY WORKSHOPS. GUIDO WILL GIVE US A TOUR OF HIS EXTENSIVE BLACKSMITH'S SHOP AND DEMONSTRATE SOME OF THE EQUIPMENT AND TECHNIQUES. THIS PROMISES TO BE A FASCINATING AND DIFFERENT EVENING SO DON'T MISS IT!
4. SUPPER BY MARIO DATO.

### Editors' Notes.

Selecting an illustration for the newsletter cover is part searching and part luck. There is always the risk of making a stupid mistake such as using a picture that has been used before. So far this has not happened but recently I decide to minimise the possibility of such blunders by photocopying the front page of each newsletter. While doing this I realised that TTTG was formed ten years ago.

2001 is TTTG's tenth birthday. November 1991 is when it all began. Celebrations? We can celebrate surviving ten years and it is certain that the group will continue to develop. The early predictions of some sceptics that we would soon run out of ideas, interest would wane, no one is interested, etcetera, have been shown to be unfounded.

2002 is the beginning of TTTG's second decade. What direction will the group take? The Committee believes the group needs to offer more events for the members and the general public. TTTG is a regular exhibitor at the Sydney Timber and Working With Wood Show and at Henry Black's Tool Sales. The Committee is planning a series of extended activities for 2002.

As well as being present at the 2002 Sydney Timber and Working With Wood Show TTTG intends to be a participant at the 2002 Canberra Timber and Working With Wood Show. John McDonald has offered to be involved with TTTG at the 2002 Canberra Show and it promises to be a memorable event.

In March 2002 TTTG will present the first of a series of Workshops. **Using and Restoring Wooden Planes** will be held at Wood Works Book & Tool Co's Meadowbank shop. This will be a "hands on day" and even at this early stage the response has been positive. Participant numbers will be limited to twenty five so any one interested should book as soon as possible. See **Classes**.

The Committee can only respond to the wishes of the members if they tell us what they want from TTTG. Feel free to talk to the Committee members. If you have strong feelings you may even consider being more involved yourself.

TTTG events depend on volunteers. Early offers to "be there" make our forward planning so much easier. For a few hours on the TTTG stand you can get free admission to the event, which can't really be such a bad deal!

The Editor is making a few changes to the newsletter. The increasing use of email has made the **Letters** page seem a bit old fashioned so this now becomes **Correspondence**. A new page has been introduced to let members express any strong opinions. **Viewpoint** will let you have your say, the more controversial the better. Emphasis will continue to be given to Australian Made tools and machines. If you see an Australian made product send in the details.

Members with computers should refer to **Australian Tool Collector's Web Site**. This was recently set up by George Radion for HTPAA and now membership is open to TTTG members. The site is growing rapidly and in the editor's opinion it is well worth "signing on".

**Next Meeting. NOTE THE DIFFERENT VENUE**

**Tuesday 11<sup>th</sup> December 2001.**

The Blacksmith's Shop

Australian Technology Park, Eveleigh

Commencing at 7.00pm

**Guido Gouverneur** runs **Wrought Artworks** at the old Eveleigh Locomotive Workshops. He does restoration work, makes new wrought ironwork to order, both decorative and functional, and conducts evening blacksmithing classes. We have moved our regular meeting place to Guido's workshop for the occasion as much of the equipment and tools that he wants to talk about are far too heavy to move. In addition, Guido will actually be demonstrating some of the tools and techniques that he uses in his blacksmithing business. Guido is a third generation master blacksmith and this is a rare opportunity to see a genuine craftsman at work in the traditional blacksmithing trade.

---

**Previous Meeting.**

Tuesday 9<sup>th</sup> October 2001.

National Trust Centre, Annie Wyatt Room.

**Topic:** "Dam Building through the ages". **Speaker:** Clynt Sheehy.

Clynt is well known to TTTG members for his dry humour so it was no surprise to the audience when he managed to enliven what could be seen to be an esoteric topic. Such extensive experience in Civil Engineering could be intimidating were it not for Clynt's down to earth personality.

Very quickly he demonstrated mastery of the subject and engaged the audience. TTTG promised Clynt would give the inside story and he did so in an enthralling manner. The slides showing all that water being held back were superb. Probably we were all thinking "what if it leaks?"

One member of the audience, a builder, was obviously worried about concrete cancer but Clynt assured him dams do not suffer from such deterioration because "dams are designed by Engineers not by Architects". It says a lot for the speaker that the meeting did not degenerate into a heated argument between the representatives of both professions.

TTTG thanks Clynt for the presentation and after a respectable period the Committee will extend an invitation to present "Dams, the sequel".

**PLEASE REMEMBER :**

**2001/2002 SUBSCRIPTIONS ARE NOW DUE.**

**PROMPT PAYMENT IS REQUESTED.**

### Correspondence.

The Letters to the Editor page will in the future be titled Correspondence. Most of the correspondence now comes via email so the new title is appropriate.

-Bob, you might be able to use this for the newsletter.

A member recently travelled the New England Highway, and stopped at Uralla, pop. 3000, 20k south of Armidale. He soon discovered two well laid out second hand bookshops, two antique shops, and an antique barn, quite a large establishment featuring everything from old farm machinery to trinkets. This yielded several treasures to add to his collection.

Also in Uralla is the New England Brass and Iron Lace Foundry, established in 1872 and recently heritage listed. The foundry is now a working museum, and single and group tours are catered for. It houses a wealth of old tools, some of which the member was able to identify for the owner.

The preservation order means that all contents have to be identified and listed, and any TTTG member who could assist with identification of the iron working and blacksmith's tools would be made very welcome. The foundry also has a fascination array of often intricate wooden patterns used in making moulds for casting. At the height of activity, two pattern makers were employed.

To summarise, if travelling in New England, Uralla is worthy of a visit. Keith McCarthy, Dubbo.

-Bob,

this cartoon came from Popular Mechanics January 1961. It might appeal to members but please don't publish my name.



"... for the last time, STAND STILL!"

EMAIL THE EDITOR ON [r.crosbie@bigpond.com](mailto:r.crosbie@bigpond.com)

Newsletter 63.

Plus all the regular items and a few surprises.

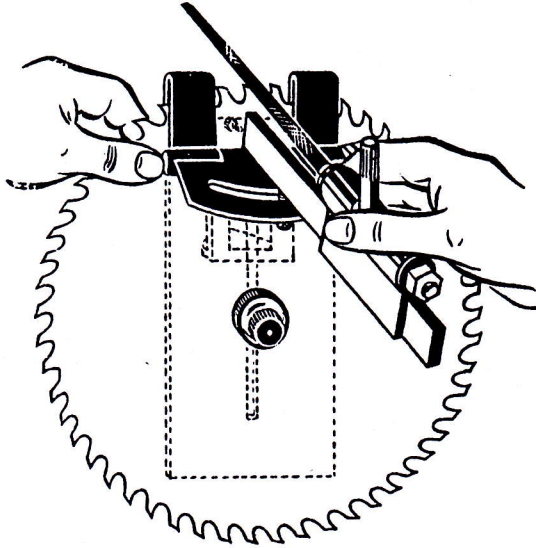
## Information Received.

### Fraser Tools.

Another tool manufactured by Charles Homer Frazer has been reported.

**The Fraser Circular Saw Sharpener** was advertised in Goodall's 1955 catalogue.

## H609—Fraser Circular Saw Sharpener



Suits saws 4in. to 10in. diameter with holes  $\frac{1}{8}$ in.,  $\frac{1}{4}$ in.,  $\frac{3}{8}$ in. and  $\frac{1}{2}$ in. The file slides on a positive guide which can be set at any angle. It can be used for rip, cross cut, 4 tooth comb, plain comb or planer tooth saws. Supplied complete with a 15° setter.

### Norris Planes.

I met a man at Henry's Tool Sale who told me about his visit to the Norris Plane factory in 1946. He was taken to the Norris Plane Factory by the manager of Foot Print Tools. What was the connection between Norris and Foot Print? At this late stage Norris blades were made by Foot Print. This gentleman has my phone number and if he contacts me I hope to persuade him to give a more detailed account of his 1946 visit to Norris for this newsletter.

(Bob Crosbie)

**Information Wanted.**

**Fibro Cutter.**

I have a blue stove enamelled Fibro Cutter with the remains of a label.  
This reads,

**Bent(?) Mfg. Co.**

**PATENT**

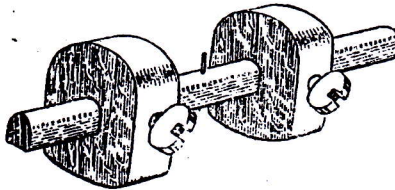
**Made in Australia.**

**Tradesmen made Tools.**

A Meeting planned for 2002 is on the theme **Tools made by the User.**  
Examples of the following tools are sought:-

Planes  
Chisels  
Cramps  
Gauges  
Marking/Setting Out

Photographs or offers to loan tools for the event are required.  
Please contact the editor.



**HNT Gordon Planes. 15% Discount to TTTG Members.**

A 15% discount is available to TTTG members.

Why not contact HNT Gordon Planes for a information sheet/price list?

HNT Gordon & Co.

Classic Plane Makers.

1/1 Robb Street. Russelton Industrial Park. Alstonville N.S.W. 2477.

Phone 02 66228722. Fax. 02 66287522. E-mail: [hntgord@one.net.au](mailto:hntgord@one.net.au)

**Information Wanted.**

**LUDOWICKI SYDNEY**

I have a soft faced hammer similar to to the Gregsteel one illustrated in the HTPAA's Tool Chest No. 60.

The one I have is marked LUDOWICKI SYDNEY NO 3.

Information wanted about this maker, and a different sized one, there are presumably at least a number 1 and a number 2.

George Radion, email: [radion@iprimus.com.au](mailto:radion@iprimus.com.au)

**Editor's Reply.**

Such hammers were used to fit patent connectors to flat drive line shaft belts.

The advertisements below are from The Australasian Engineer August 1945.

The extract "Wherever the wheels of industry turn" gives a brief history.

# *Silent Efficiency*

LUDOWICKI SILENT GEARS are made from two classes of material, specially Processed Rawhide, which ensures toughness and durability in operation, and Synthetic Resin Laminated Fabric for special uses. In the manufacture of these gears we attain extremely close limits of accuracy to ensure long life under shock loads and to eliminate noise and vibration. Ask us for details of our various types of Silent Gears.

J. C. LUDOWICKI & SON LTD.  
117 York Street, Sydney \* 20-21 Queen's Bridge Street, South Melbourne

## **Wherever the wheels of Industry turn**

Since 1938 Ludowicki Power Transmission Equipment has played an important part in the industrial development of Australia. First with their famous Pioneer Leather Belting and, more recently, with a full range of equipment to meet every need to ensure maximum efficiency in the transmission of power. Ludowicki Engineers are

available to give you the benefit of their expert knowledge and experience on every power transmission problem.

*Ludowicki equipment includes Leather and Rubber Belting, Pulleys, Bearings, Gears, Hangers, Couplings, Shafting, and the Short Centre Pivot Drive.*

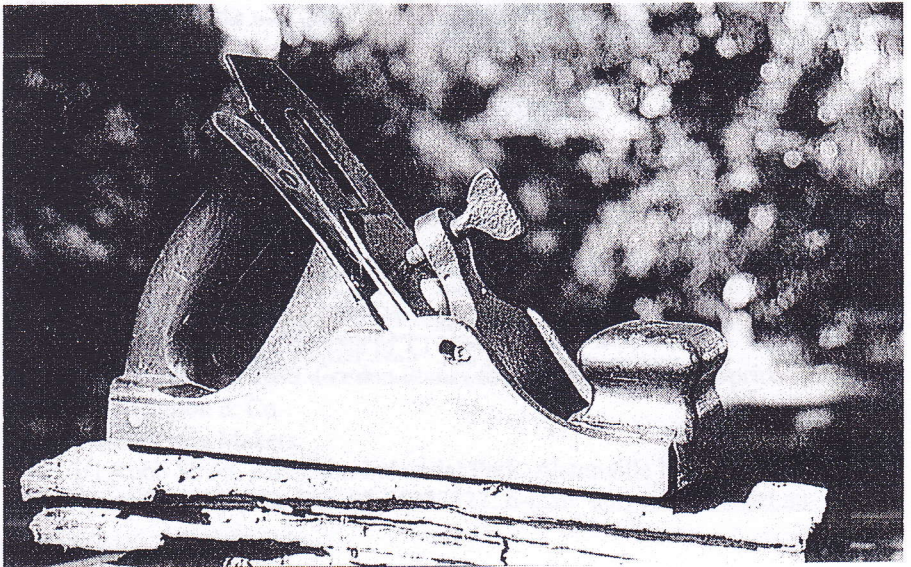
The Foreign Order.

During the post war years up until the early 1960's Australia had a large increase in its migrant intake. Many of these "New Australians" had little in the way of material possessions, however, they had a variety of skills and a strong will to succeed. Many of them were employed in our manufacturing and trade industries, also building construction and not forgetting their contribution to the Snowy River Scheme.

Our new workers, because of their common background (mostly European) were quick to bond and help each other to settle in their new country. It wasn't long before new homes started to appear, homes built in record time, a product of the combined efforts of the new families, building one home then moving on to the next. I might add here that this sudden prosperity of the new arrivals was a little bewildering to many of the "locals" and the sight of so many people, men, women and at times children, working on one house frame was an eye-opener. It certainly inspired many a comment.

All this activity by our new settlers created a need for tools, tools at that time they could not afford. Many of the tools used, when not borrowed, were actually made by them, or their mates during lunch breaks back in the workshops of their day jobs. These tools were foreign to the normal output of the factory, so these lunch-time projects were soon to be tagged "the foreign order".

The smoothing plane in the photograph is a good example of "the foreign order" made at the Steelworks in Port Kembla in the 1950's and luckily it was still in the possession of the family of the maker.



The body is of cast iron with a cast screw lever to secure the blade. The handle and front cushion knob, although crudely finished, have a good feel. A brass strap runs from the top of the frog to the handle for added strength. The holes for the grub screws that hold the lever are oddly shaped, perhaps a drilling error, or perhaps an attempt to allow the lever to accommodate both thin and thick blades.

All one can add is that this migrant had a good memory, reasonable skill and busy lunch breaks, and most certainly made a valuable contribution to the prosperity of this country. As for the plane itself, it has seen many a hard days work and is deserving of a position on a shelf in my shed reserved for retired tools.

---

### Viewpoint.

#### A Tool Auction Experience.

Peter Evans

My first Gavan Hardy auction (June 18) was interesting. Initial impression was of rust and the small number of lots (70). However amongst the rust, there were a few worthwhile items. As an aside, it is good to see Gavan Hardy trying to get a regular specialist tool auction on the calendar; but to be taken seriously he will need to put together a catalogue, however rudimentary, as well as get better lots. Also help if he knew something about tools.

The bidding crowd – small, around a dozen, reflected the number of lots. Bob Peak was a spirited bidder, picking up a number of boxes of rust in \$10-20 range (I think this auction is a major source of the treasures he brings to the TTTG meeting auctions). I recognised a trader from Flemington markets, he picked up most of the planes including a Spiers smoother in very ordinary condition, with some obvious repairs, and a rusty non-original iron, for \$320; a UK Stanley 78 in box for \$95; a Carter 71 missing a couple of cutters for \$32.50; a 4½ Stanley (G-) for \$45. The 2 handled bush saws went for quite high prices, despite being in very rusty condition (4 for \$95). A couple of barely interesting wooden ploughs (G) went for \$55-60 each. 16 Marples chisels in a roll were passed in, Hardy refused to start lower than \$180. 12 assorted plough irons for \$27.50 was my only purchase. I intend to acquire reasonably priced plough irons until I get complete sets! If anyone is interested in swapping/selling irons, give me a call on 0419 245 699.

#### Observations of a Stall Holder.

John Daniel

A stall holder once told me he found that there were three groups of customers:

- 1) **The impulse buyer.** This customer usually buys the tools with a bit of brass and having ornamental value-good to hang on the wall or sit on the coffee table. He/she usually pays the price and walks away smiling.
- 2) **The tradesperson/user.** This customer checks the maker, complains about the price but pays it anyway as he/she realises that the quality is there and in most cases is better than the stock in the local hardware.
- 3) **The collector.** This customer is usually there early, checks the tool over carefully, points out all the faults (imagined or otherwise) wishes that it was in mint condition, argues the price and then wants it wrapped so that it doesn't get damaged on the way home.

## Events.

### Tool Conference Melbourne Victoria.

HTPAA Third Biennial Tool Conference.

March 16<sup>th</sup> 2002.

For details contact Frank Ham

on 03 981768 or write to P.O. B0x 1163 Carlton Victoria 3053.

### Visit to Wollongong TAFE, Foundry.

Henry Black is working on this, so far the response has been positive.

The likely time will be a Thursday afternoon. More details will be given at the next meeting. If you are interested please contact Mike or Bob.

Mike Williams 02 9144 6356

Bob Crosbie [r.crosbie@bigpond.com](mailto:r.crosbie@bigpond.com)

### TTTG Workshop: Using and Restoring Wooden Planes.

10am to 4.30pm, Saturday 2nd March 2002.

The Woodworks Book & Tool Co.

8 Railway Road, Meadowbank, NSW 2114

(right at the Railway Station)

Peter Evans 0419 245 699

[peterrevans@optushome.com.au](mailto:peterrevans@optushome.com.au),

Bob Crosbie 02 98697487

[r.crosbie@bigpond.com](mailto:r.crosbie@bigpond.com)

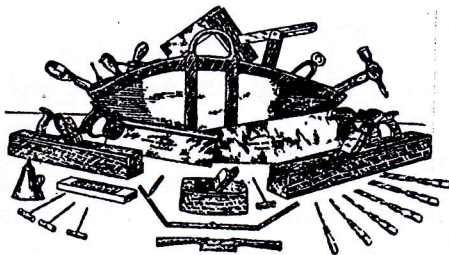
### Virtual Reality.

#### Tool Chests, Symbols and Servants.

A current exhibition at the National Museum of American History, Smithsonian Institute.

Good photographs but beware the Curator speak!

<http://americanhistory.siedu/toolbox/index.html#map>



**2001/2002 SUBSCRIPTIONS ARE NOW DUE.**

**PROMPT PAYMENT IS REQUESTED.**

## Carter Tools, Precision Instruments.

Bob Crosbie

The other day I brought a Carter smoothing plane. This is not something I would normally buy. After parting with the money I started to rationalise. The most convincing justification was the almost intact Carter logo on the black-japanned handle. The words "Precision Instruments" were barely legible. Graphically the logo is very 1950s with bold lettering on a map of Australia. Most of my experiences with Carter planes have been negative. Invariably I have been trying to match and replace parts. Carter planes vary greatly in that interchange ability of parts was obviously not a Carter production priority.

The logo on the handle was not the only reason I brought this Carter plane. It was very dirty and the traces of paint on the sole may even have aroused my curiosity. When I examined the plane closely it was obvious that it had only been used once or twice. The blade had not even been sharpened. My guess is that it was used to free a sticking door or casement window sash.

When I got around to cleaning up the plane I started to gain a little appreciation of Carter Tools. Every part was well made though not as refined as Stanley or Record at the peak of their production. Carter planes were based on Record planes but modified to overcome the problems of starting from scratch in Sydney in 1945. The story of Carter is well told in Trevor Semmens' book *Australian Woodworking Planemakers*, second edition.

Carter made other tools and some of the Carter metal working tools are truly precision instruments. The machining of Carter plane bodies, and machine vices, is excellent. Carter plane irons are also very good products. The blade in the plane I brought had very minimal surface rust and it was possible to see the high quality surface grinding marks. When sharpening this blade I found the back to be virtually dead flat. The blade takes, and holds, a superb cutting edge.

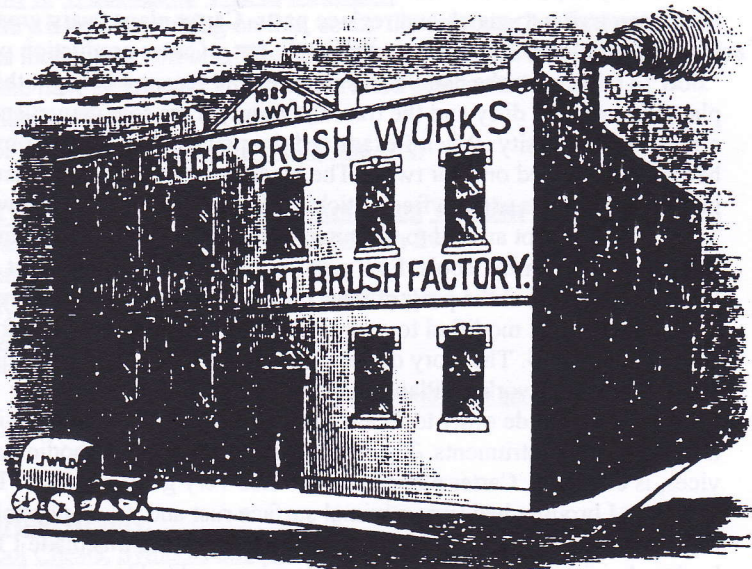
Possibly as a sequel a week after buying the Carter # 4 I brought another Carter plane at Henry's Tool Sale. This time it was a #54 Plow and Groove plane. It was very cheap, complete and had seen little work. I cleaned it, sharpened a blade and tried it out. The edge holding quality of the blades is superb. The plane works well but it feels a bit rough compared to a Stanley.

What is interesting about this plane is the fact that the castings are near perfect copies of the Stanley 54. Did Carter use a Stanley 54 literally as the pattern? And why copy the 54 anyway, was it because Scruttons had them in stock in 1945? Given the basic production set up at Carter their 54 is creditable.

Perhaps we should not be so dismissive of Carter planes. While they are available and affordable it may be a good idea to start collecting Carter planes. Will I buy a third Carter plane? Time will tell.

### A 1903 Brush Factory.

“Brushes and Brooms, An hour in a Sydney Brush Factory” is the title of an article in the Sept. 1, 1903 issue of Australasian Hardware and Machinery. Background information is given on the brush making career of Mr H J Wyld. In 1887 H J Wyld established the Reliance Brush Works. The business was originally located at 93 Liverpool Street Sydney. In 1889 Wyld’s business was relocated to a purpose built factory at Francis Street Glebe, illustrated below.



In this two floor building all types of household brushes were made, as well as sweep, horse, boat, whitewash, tar and other speciality brushes. Beech was the main timber used. “Beech” probably means colonial or white beech.

The larger timber was first broken down by circular saw. After sawing into boards rough brush stocks were cut out with a band saw. Some brushes, white wash, banisters, hair brooms and similar, were then turned on a lathe.

After shaping the brush blanks were left to dry. They were then bored for the bristles. After boring the hair or fibre was inserted and the brushes sent to the ironmongers.

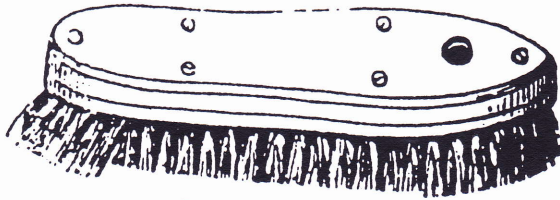
## A 1903 Brush Factory.

continued.

According to type brushes required different manufacturing processes. "Drawn" bass brooms had the bass drawn and fastened into the wood by bright annealed wire, this operation was done by hand. Scrub brushes were wired by an American made machine. The backs were then glued on and the brushes finished.

"In making 'set' bass brooms, banister brushes, & c., the operator works near a boiler of pitch heated by gas. The bass or fibre, first cut to the required length, is taken in equal quantities, and the ends dipped in the pitch, and finally inserted into the stock, where it remains fast. This process is repeated until all the holes in the stock are filled. For whitewash brushes the stock is first dipped in a specially prepared liquid cement, and is secured to either side by means tin bands fastened with tacks. Flue brushes are simply made by placing the necessary fibre between two wires, which are then twisted by machinery."

Reliance Brush Works products were well made and innovative;



"Something out of the ordinary is shown in the sanitary self soaping scrub brush. This contains a receptacle at the back, into which any waste or small pieces of soap are introduced through a circular hole, and the soaping of the face of the bristles is thus rendered unnecessary."

Distributing agents for the "sanitary self soaping scrub brush", available in three sizes, were S Hoffnung & Co. Ltd. Pitt Street, Sydney.

Bellows were also manufactured in this factory. Colonial Pine was cut shaped and planed and then stained with yellow ochre, the leather fixed and then stained. "All sizes in household and blacksmith bellows are made."

Wyld's business was principally wholesale and extended through out New South Wales, "at various times consignments have been sent to Queensland, South Australia, Tasmania and Fiji".

The WOODMACHINCO Wonder Bench.

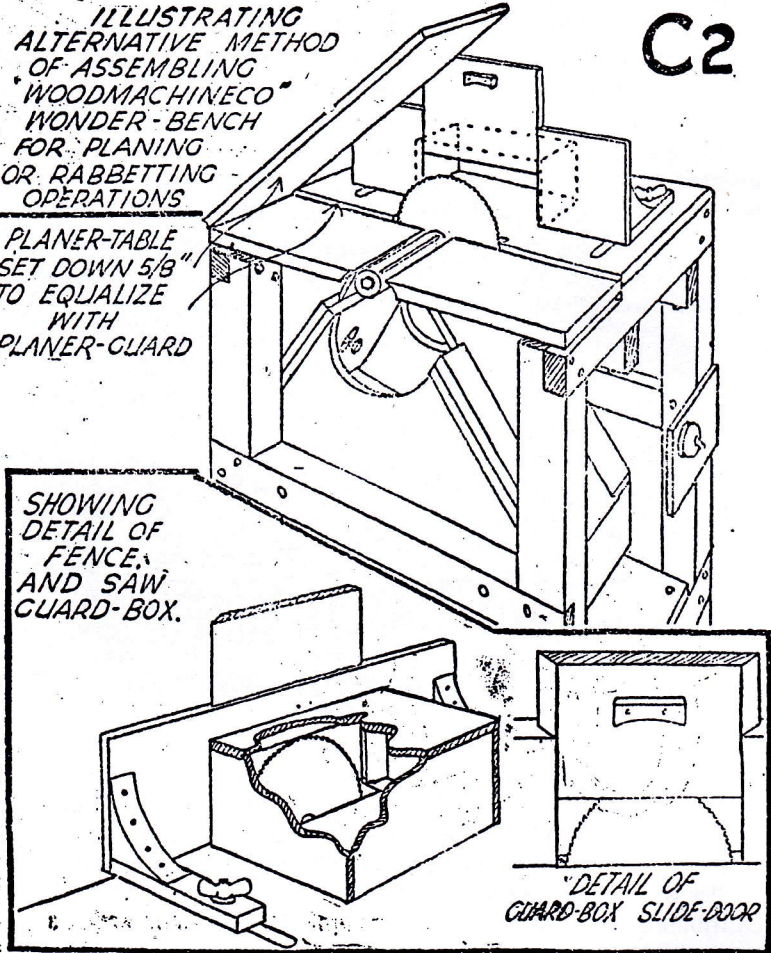
# The "WOODMACHINCO" Wonder Bench

C2

ILLUSTRATING  
ALTERNATIVE METHOD  
OF ASSEMBLING  
"WOODMACHINECO"  
WONDER-BENCH  
FOR PLANING  
OR RABBETTING  
OPERATIONS

PLANER-TABLE  
SET DOWN 5/8"  
TO EQUALIZE  
WITH  
PLANER-GUARD

SHOWING  
DETAIL  
OF  
FENCE,  
AND SAW  
GUARD-BOX.



"DETAIL OF  
GUARD-BOX SLIDE-DOOR"

For all Your Woodworking  
Requirements; consult  
"WOODMACHINCO"

134 STANLEY ST., SOUTH BRISBANE  
QUEENSLAND

Phone: J1716

"The State with the best climate in the world."

### Forgotten innovations.

"I do a bit of inventing myself" is Wallace's modest claim. Many good and ingenious designs, like his "Suds O Matic" never really catch on and are soon forgotten. This is curious as many very poor and impractical designs become universally accepted. As for the tool world many inventions are classified as gadgets and they come and go in great profusion. Some were very successful in their day but are now not even a memory. An example familiar to readers of this newsletter is the Frazier range of tools from the 1960s, an Australian who took the Do It Yourself market of the U K by storm, but now virtually unknown. Another example is the RUFA Square believed by the writer to be forgotten until John Bates saw new versions on sale in a "home" warehouse. Here is a very nice design from the 1930s.

It appears to be well made and a very practical tool. Has any one ever seen one?

**PUGH'S  
TOOL  
WAREHOUSE**



95, 97, 99, 101,  
HOLLOWAY ROAD  
LONDON, N.7.

## *Entirely NEW TOOL*

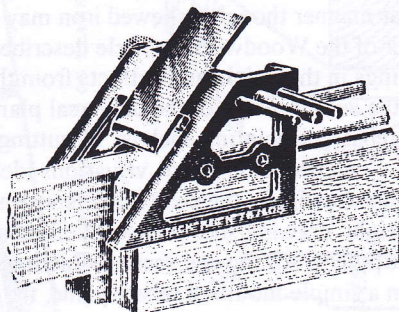
The SHETACK combined Double Mitre and Square Templet for paring or cutting mitres, for marking off or paring shoulders and ends to right-angles. Also makes a good boring jig.

**3/9**

complete

**6<sup>d</sup>.**

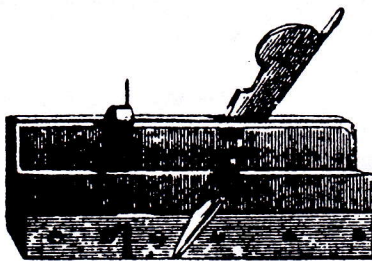
postage.



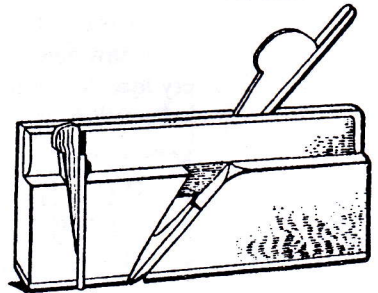
## The "Shouldering" plane.

Bob Crosbie

Some traditional tools can be named but no one really knows how they were used. The "shouldering plane" is in Alex. Mathieson & Sons' 1899 catalogue along side sash tools. In the Dictionary of Tools, woodworking, Salaman speculates on the use of the shouldering plane. Whelan in The Wooden Plane has a full description of this plane and plausible theories about its uses. A contemporary explanation of the applications of the shouldering plane has not been located. The problem may be partially solved by an article in the March 1932 issue of the Woodworker magazine, titled Home Made Tools, a simple universal plane.



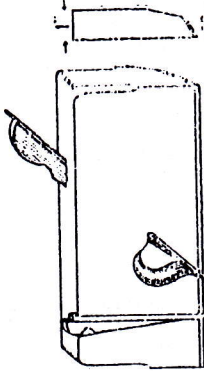
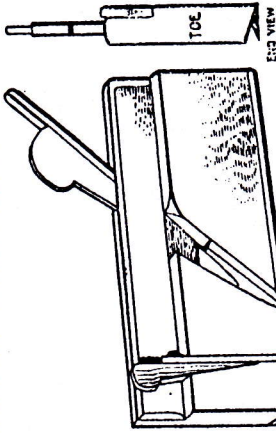
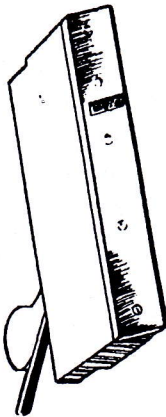
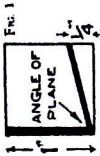
*Shouldering Plane*



Compare the two illustrations above. On the left is the shouldering plane from the Mathieson catalogue and on the right is the universal plane in the Woodworker. The home made tool appears to be an attempt to convert a standard, and cheap, rebate plane into a shouldering plane. Two significant differences between the planes are a) the Mathieson plane has a skewed mouth while the Woodworker plane has a straight mouth and b) the configuration of the metal strip to prevent the acute corner from wearing differs in each plane. Both planes would function in a similar manner though a skewed iron may give a cleaner cross grain cut. The author of the Woodworker article describes how to make and use this plane. The drawings in the article and extracts from the text are reproduced. The uses the author gives for the universal plane are:-  
i)cutting rebates, ii)jointing shelves, iii)cutting housing shoulders, iv)cutting male dovetails, v)entering mouldings, vi)various ideas eg. fielded panels.  
Compare his drawings, the centre one is very similar to the Mathieson plane while the right drawing shows a modified rebate plane, with the normal rebate plane escarpment. All the end section drawings depict a Mathieson type plane rather than a simple modified rebate plane, the authors' address is Glasgow!

**The "Shouldering" plane.**  
**Home Made Tools, a simple universal plane. Woodworker March 1932.**

**A SIMPLE UNIVERSAL PLANE**



FIGS. 1 AND 2.—METAL SOLE OF PLANE.

FIG. 3.—SPUR OR SIDE CUTTER.

FIG. 4.—STANDARD REBATE PLANE.

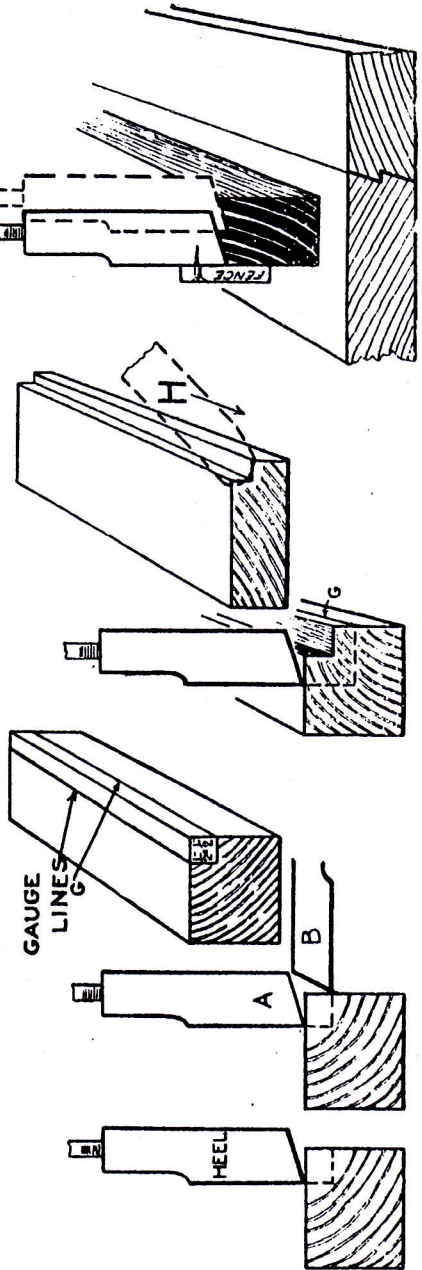


FIG. 5.—GAUGING AND CUTTING.

FIG. 6.—"RELAY." FIG. 7.—SCOTIA.

FIG. 8.—JOINTING SHELVES.

**The "Shouldering" plane.**  
**Home Made Tools, a simple universal plane.** Woodworker March 1932.

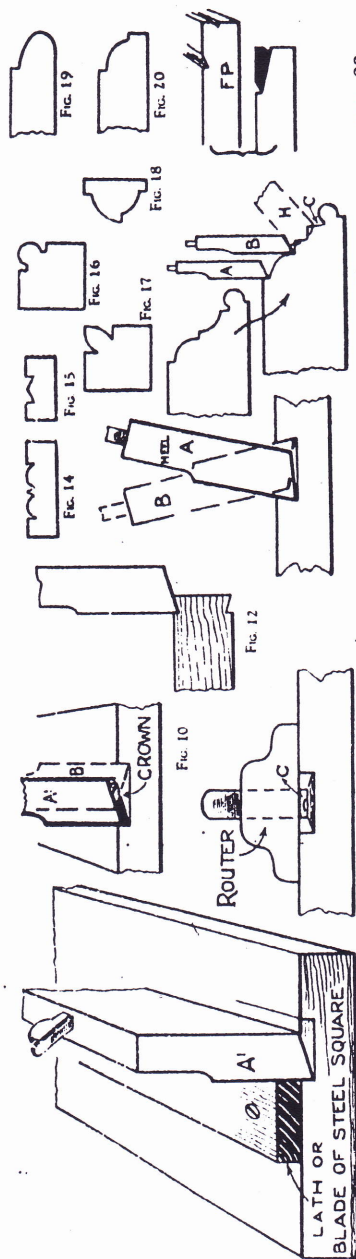


FIG. 9. DIAGRAMS ILLUSTRATING THROUGH HOUSING, DOVETAIL HOUSING, AND THE WORKING OF VARIOUS MOULDINGS. FIG. 10. FIG. 11. FIG. 12. FIG. 13. FIG. 14. FIG. 15. FIG. 16. FIG. 17. FIG. 18. FIG. 19. FIG. 20. FIG. 21. FIG. 22.

**Using the Plane.**

We may now turn to the methods of using and handling such a plane. First take an example of rebating which may be either with or across the grain of the wood, because the spur severs the cross fibres. Set out your rebate by gauging the required lines—as, for instance, half an inch, as at Fig. 5. Hold the plane in the usual convenient manner, and the spur at the fore end will follow the marking gauge line. The worker's motto should be: follow the gauge line and push the plane right along the length of the wood every time. The spur on the plane, after once being entered in the gauge line, will follow that direction until the desired depth is reached. The worker should then reverse his wood and repeat the operation.

In cases where the required rebate is more than half an inch it must be worked on the relay principle; but all the gauge lines must be struck before breaking the original corner. This is suggested at Fig. 6, where the first portion of the rebate has been worked; G shows the lower gauge line and the

plane edge is entered into the other one. This is what is termed the "relay principle."

These examples do not by any means exhaust the possibilities of such a plane and the writer makes bold to say that it is a great help to any woodworker in expressing himself. In the drawings the consecutive operations of the plane are shown as A, B and C, etc. Thus at Fig. 5 the plane would first be used as at A, and then the wood reversed and the plane used at B.

**Note.**—It is through the courtesy of a reader, Mr. J. Bell, 112 Kilbowie Road, Clydebank, Glasgow, that we are able to give the illustrated description of this home-made plane. We understand that Mr. Bell has made several of these planes for woodworker's use and could, if desired, supply any reader. (933)

## Australian Tool Collector's Web Site.

Australian Tool Collector's Mail board and Forum.

Hello to all TTTG members (& HTPAA & similar tool club members).

My name is George Radion, I look after the HTPAA website.

The HTPAA now has a message/mail board for Tool Club members.

This is a free, no pressure, no obligation facility for general messaging.

Once registered you can post an observation, a want list, a for sale list, a report of your

latest collecting trip, a gloat about a recent find, etc, etc.

How to join:

You have to register with Vicnet first. Registration is free

After registration, you should apply to join the Community called "Oztoolclub" on mc2 (m c squared)

The vicnet software will send me a message that you have applied for membership of the community and I have to make the decision for approval.

I am the owner of this community and the only requirement is that you need to be a member of HTPAA, TTTG (or one of the other similar Clubs.)

If you wish to join, try one of the links below for community: Oztoolclub

All messages posted on forum are emailed to the whole group.

This ensures that you don't have to lurk there for hours on end.

It also encourages you to keep yourself nice, with no abuse or bad "netiquette", 'cos everyone sees what was posted.

### HOW TO GO ABOUT IT

<http://mc2.vicnet.net.au/> go to mc2 on right hand panel or:

this is the direct link join a community:

<http://mc2.vicnet.net.au/page.cgi?session=4b1739ca4584e018cc7f40076825b737&f>

<http://mc2.vicnet.net.au/page.cgi?session=4b1739ca4584e018cc7f40076825b737&f>ile=join.htm

If you would like to have a look at the HTPAA website this is the link

<http://home.vicnet.net.au/~toolclub>

copy and paste it into your browser and have a look.

If there are any questions: you all know how to get in touch with Bob and my email is [radion@iprimus.com.au](mailto:radion@iprimus.com.au)

## TTTG Classes 2002.

In 2002 TTTG will be conducting a series of workshops. These hands on classes will provide opportunities for participants to acquire traditional skills. The emphasis will be on providing quality instruction in a relaxed environment.

Woodworks Book and Tool Company will be providing an excellent location at their Meadowbank shop. As well as learning those attending the classes will be able to purchase specialist equipment or books from Woodworks.

Staff from Woodworks will be available to demonstrate their extensive range of products. But there will be no sales pitch or pressure to buy.

The first workshop will be **Using and Restoring Wooden Planes**  
10am to 4.30pm, Saturday 2nd March 2002.

There will be a morning and afternoon session. Refreshments will be provided. There will be a series of 40 minute "hands on" seminars.

The number of participants will be limited to twenty five.

Topics covered will include.

**Types of Planes:-** Bench and Special purpose.

**Wood and Metal Planes:-** User planes and Collectable planes

**Selecting and Buying Planes:-** Old versus New.

**Tuning Planes:-** repairs, missing parts and what to do/ what not to do.

**Sharpening Planes:-** Grinding, honing, oil & water stones, ceramics & diamonds.

**Advanced Sharpening:-** moulding planes.

**Planing Technique:-** using planes, bench, shoulder, rebate, ploughs & moulding.

Participants can bring their own planes for a trouble shooting session'

For details:

Peter Evans 0419 245 699

[peterrevans@optushome.com.au](mailto:peterrevans@optushome.com.au), or

Bob Crosbie 02 98697487

[r.crosbie@bigpond.com](mailto:r.crosbie@bigpond.com)

## Library News.

Rick Mitchell

### Periodicals Received.

-Hand Tool Preservation Society of Western Australia. (HTPSWA). Newsletter.

-Hand Tool Preservation Association of Australia Inc. (HTPAA).

Tool Chest/Sharp Edge

### Donations.

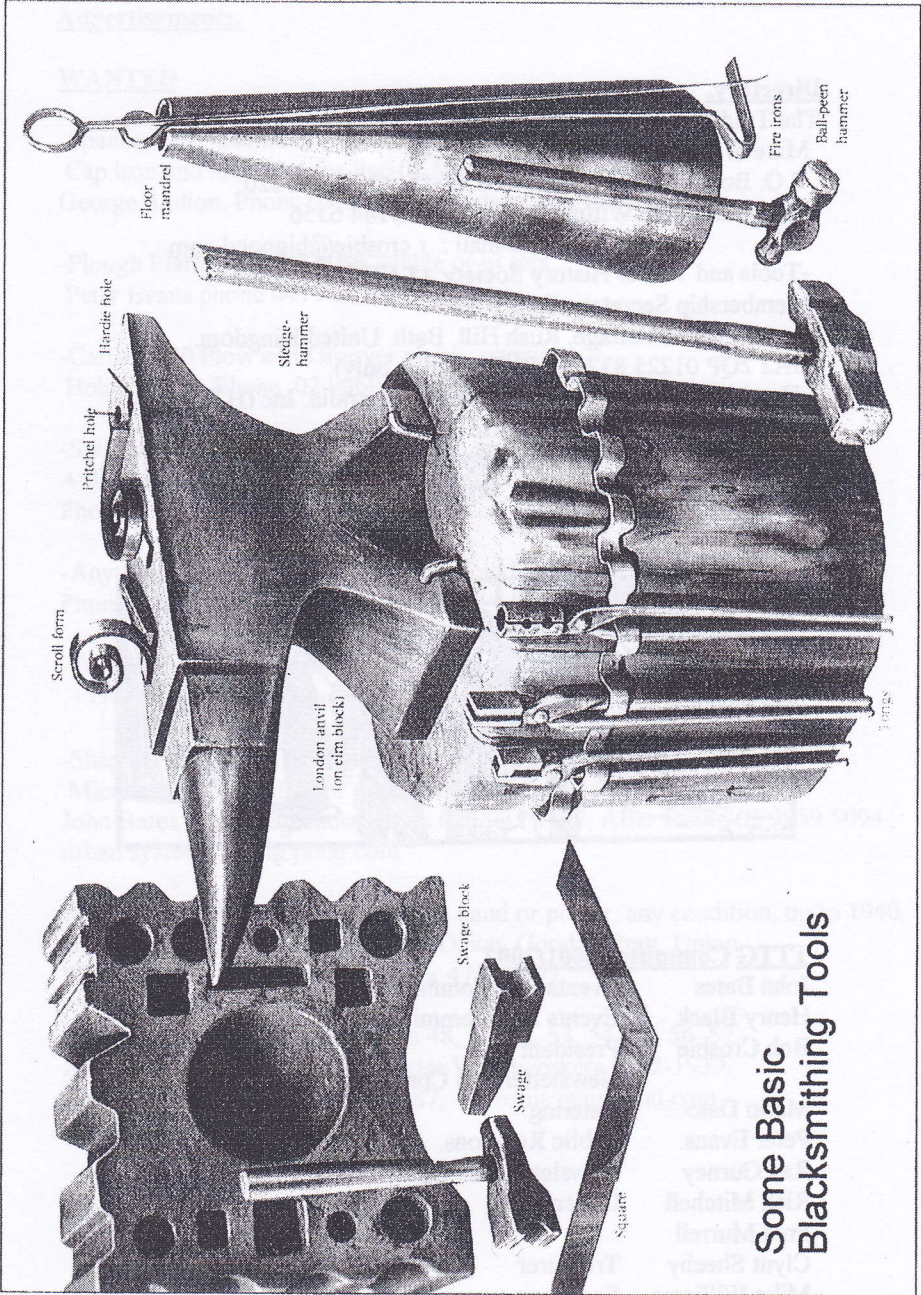
-John Bates.

Goodrich & Stanley. Accurate Tool Work.

Norman, Ault & Zarobsky. Fundamentals of Machine Design.

-Peter Evans.

photocopy Instruction Leaflet for the Frazer Saw Sharpener.



Scroll form

Pritchel hole

Hardite hole

Floor mandrel

Sledge-hammer

London anvil  
(on elm blocks)

Fire irons

Ball-peen hammer

Swage block

Swage

Square

# Some Basic Blacksmithing Tools

### Directory.

-The Traditional Tools Group Inc. (TTTG)

Mike Williams. The Secretary TTTG

P.O. Box 240 Grosvenor Place. Sydney N.S.W. 1220.

Enquires: Mike Williams phone 02 9144 6356

Bob Crosbie e-mail : [r.crosbie@bigpond.com](mailto:r.crosbie@bigpond.com)

-Tools and Trades History Society. (TATHS)

Membership Secretary: Jane Rees.

Barrow Mead Cottage. Rush Hill, Bath. United Kingdom.

BA2 2QP 01225 837031 (Office hours only).

-Hand Tool Preservation Association Australia. Inc.(HTPAA).

P.O.Box 1163 Carlton. Victoria. 3053.

-Hand Tool Preservation Society of Western Australia. (HTPSWA).

8 Belham Street, Bayswater. Western Australia



### TTTG Committee 2001/2002

John Bates	Events Sub Committee
Henry Black	Events Sub Committee
Bob Crosbie	President
	Newsletter Sub Committee
Mario Dato	Catering.
Peter Evans.	Public Relations.
Ray Gurney	Newsletter Sub Committee
Rick Mitchell	Librarian
Fred Murrell	
Clynt Sheehy	Treasurer
Mike Williams	Secretary
	Newsletter Sub Committee

**Advertisements.**

**WANTED**

- Spanners by "Connolly" from Sydney  
Cap iron and lever cap for Pacific Mem no 5 size plane.  
George Radion. Phone 0395571178. radion @iprimus.com.au
  
- Plough Plane irons, all sizes, single or in sets.  
Peter Evans phone 0419 245 699.
  
- Carter C40 Plow and Groover plane., complete.  
Bob Crosbie. Phone 02 9869 7487, [r.crosbie@bigpond.com](mailto:r.crosbie@bigpond.com)
  
- Spiers or Mathieson Thumb, Chariot, and any Gunmetal Planes  
Any planes made by Jas. McLaren Melbourne, even a photo.  
Phone Jim Black. Phone 0351 825561.
  
- Anything relating to Alex. Mathieson and Sons.  
Phone John McDonald. Phone 02 6288 6142. PO Box 13 Duffy A.C.T. 2611.
  
- Toothing Plane Irons, fine, medium and coarse.  
[r.crosbie@bigpond.com](mailto:r.crosbie@bigpond.com)
  
- Shaper/Planer tools and tooling, any condition.  
Micrometers, complete or parts, all types, cash paid.  
John Bates. Phone Business Hours 02 9931 1467, After Hours 02 9859 5094 ,  
urban systems @ big pond.com
  
- Blacksmiths Post and Bench Drills, hand or power, any condition, up to 1940.  
Buffalo, Champion, Silver, Globe, Dawn, Goodall Pratt, Union.  
Rick Mitchell. Phone 4751 4762 or 4751 9797.
  
- Woodworker Annuals. Numbers 48, 49, 52, 53, 54, 55, 56, 57.  
Any Woodworker Annuals or loose Woodworkers 1912-1939.  
Bob Crosbie. Phone 02 9869 7487, [r.crosbie@bigpond.com](mailto:r.crosbie@bigpond.com)

HAND TOOL PRESERVATION ASSOCIATION OF AUSTRALIA  
INC.

**The Tool Chest**  
**Celebrating Federation**

For August 2001 the Association has produced a special issue of The Tool Chest to highlight some of Australia's achievements, with special emphasis on tools, trades, and technologies that have contributed to our progress. At 88 pages and 76 illustrations it is nearly three times the usual size, with 15 major articles. Topics include Indigenous Toolmakers, Australian Toolmakers since 1788, Australian Rural Icons, Corrugated Iron in Australia, Ephemera, Chinese Furniture Makers, Industrial Heritage, and Building the Sydney Harbor Bridge. This issue is likely to appeal to a wide range of readers. Members may have friends who would like to buy a copy, or they may consider it to be a suitable gift.

**DIRECTORY OF AUSTRALIAN TOOL MANUFACTURERS**

This first edition of the *Directory* gives brief details of more than 400 Australian manufacturers, and we hope feedback from readers will add to our knowledge, and so contribute to a more comprehensive Second Edition. Additional copies of these publications are available from the Secretary. Please enclose your cheque with order.

	<u>Cost</u>	<u>plus Postage</u>		
		Aust.	NZ	Overseas
Tool Chest	\$15.00 }			
Directory	\$5.00 }	\$1.50	\$3.00	\$4.50
Both	\$20.00 }			

Name	Member No.
Street	Phone
Suburb/City	
State	Postcode
Country	

Post to HTPAA, PO Box 1163, Carlton Vic 3053, Australia

# Tools of Trade

- Always Buying & Selling Old & Used Handtools
- Extensive Range of New Tool Reference Books, Catalogue Reprints, & Select Old Titles
- Appraisals of Single Tools or Whole Collections
- Regular Tool Sales- Notices Sent on Request
- Evening Classes in Tool Appreciation & Restoration
- Estate Disposals- Discretion Assured
- Visits by Appointment- Phone John McDonald

**ASK FOR A FREE BOOKLIST**

**Tools of Trade**

PO Box 13

Duffy ACT 2611

Phone/Fax 6288 6142

## CHAS. E. SKINNER PTY.LTD

A.C.N. 000 037 285

**WOODWORKING MACHINERY MERCHANTS & ENGINEERS**

38 HAMMOND ROAD, TOUKLEY NSW 2263

Established 85 Years

### **OVERHAULING & REPAIRS**

- ★ To Light Woodworking Machinery
- ★ Saws, Band, Circular, Dado, Chain Mortising Equipment
- ★ Renewed Ball Bearings
- ★ Renewing Bandsaw Rubbers, Respraying, Etc.

TELEPHONE **(02) 4396 2958** ALL HOURS

**BUY  
SELL  
VALUE**

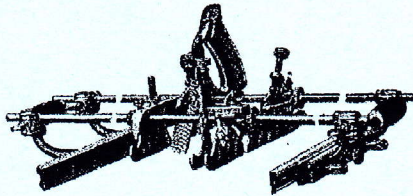
We buy and sell more antique and used woodworking tools than anybody else in Australia.

Once a year we run an international tool auction with a fully illustrated auction catalogue and easy absentee bidding facility for interstate and overseas bidders. If you want to participate just write to us and we'll include you in the mailing list.

We are always buying good quality tools, single items or whole collections from woodworking and other trades like coopers, pattern makers, shipwrights, coach-makers, cabinet makers, carpenters etc. Don't just give them away.

Ask for our price first

**<http://www.hansbrunnertools.gil.com.au>**



## **Hans Brunner Tool Auctions**

70 Chermside Road  
Newtown QLD 4305

**Phone: 07 3281 0280**

**Fax: 07 3281 4261**

**Email: [hbrunner@gil.com.au](mailto:hbrunner@gil.com.au)**

**<http://www.hansbrunnertools.gil.com.au>**

**HANS BRUNNER TOOLS**