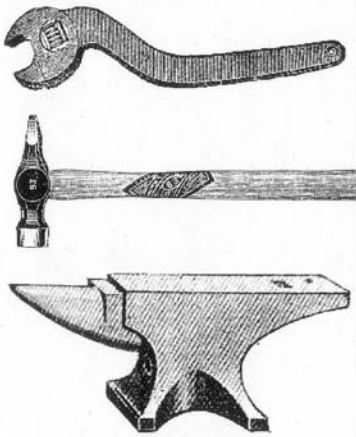


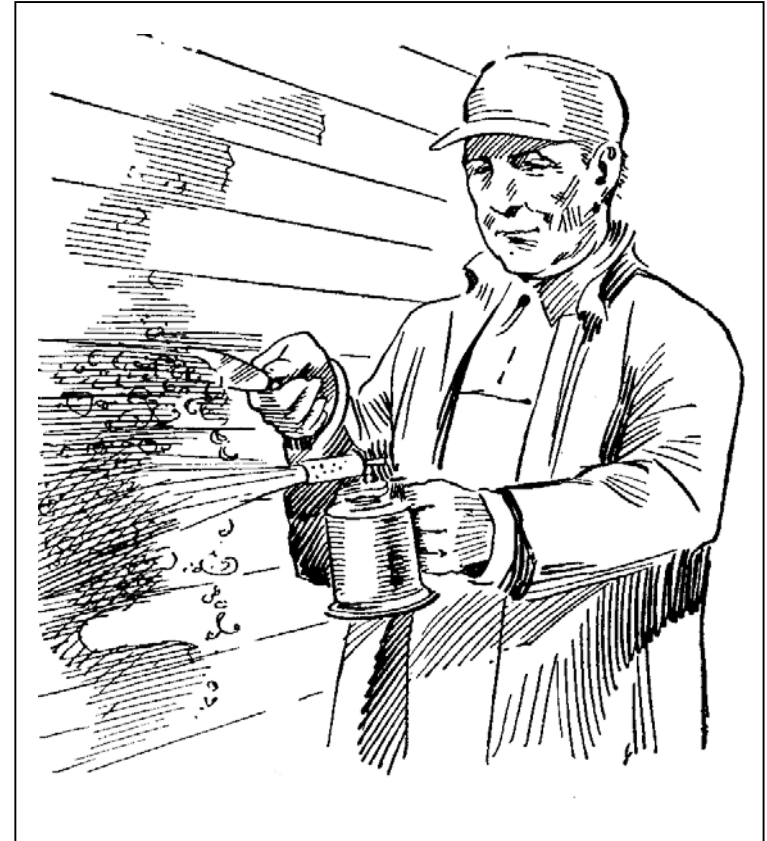
**SALVAGE**  
**42**  
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TTG Inc.

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

TTTG Newsletter No. 69. February 2003.

**Contents.**

Meetings.

Editor's Notes: Apology.

Web News.

Correspondence.

Events.

TTTG Publications.

Information Wanted & What is it?

John's Page.

Australian Made.

Imitating Fancy Woods.

How Your Tools are Made, 1937.

Sheet Lead Tools.

Some Painters Tools.

The Bassoolah.

Home Made Tools. Practical Hints.

Library News / Directory.

Advertisements.

**Cover:** Burning and Scraping Old Paint..

Painting and Decorating. Theo Audel. New York City.1922.

**2002-2003 Subscriptions are due.**

**Subscription Rates :**

Sydney \$30. Overseas \$30.

Out of Sydney, Other States and 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

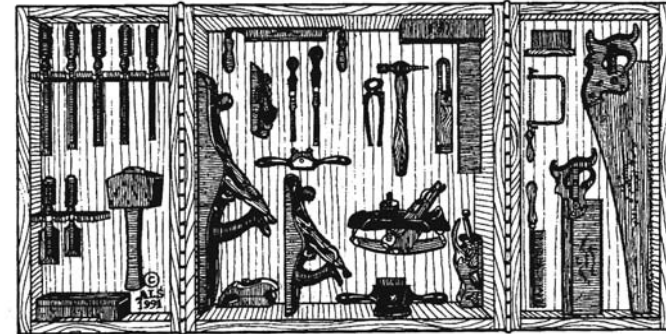
Bob Crosbie

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

**tttg.org.au**

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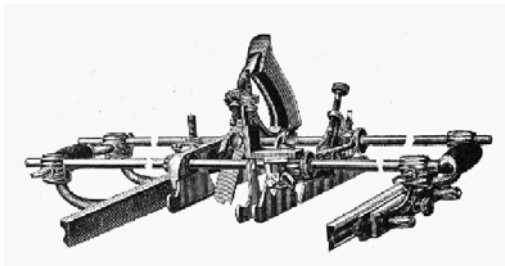
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Contact Ray, member TTTG

## HANS BRUNNER TOOLS

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 email us and we'll include you in the mailing list.

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



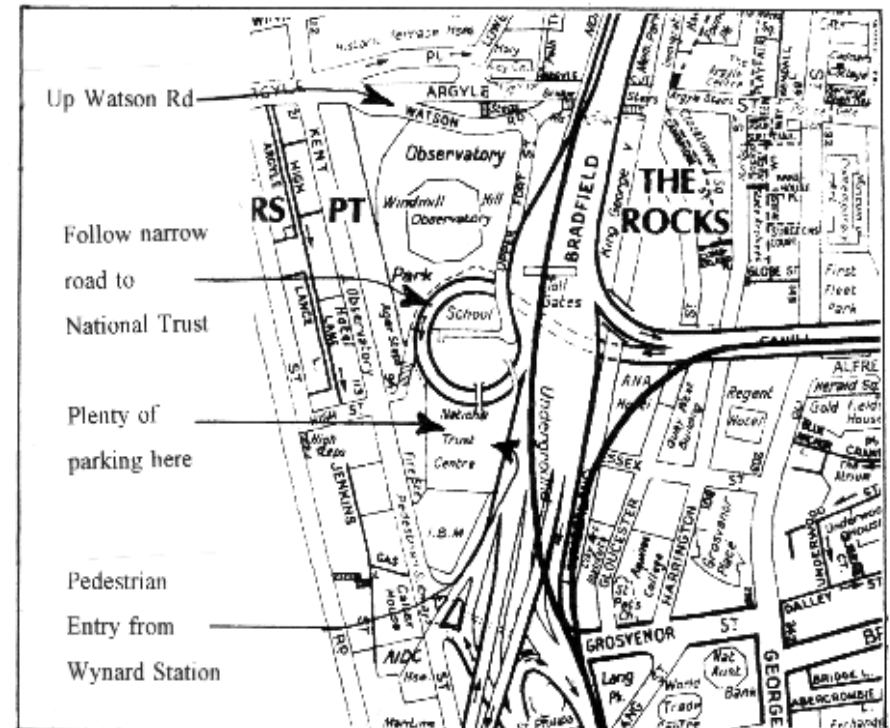
Hans Brunner Tool Auctions

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

Phone: (07) 3281 0280

**Next Meeting**  
**National Trust Centre,**  
**Observatory Hill.**

**Tuesday 11<sup>th</sup> February 2003**  
**Annie Wyatt Room**  
**Commencing at 7:00pm**



### PROGRAMME

1. IMPROVED AND PATENT PLANES. FRED MURRELL WILL TALK ON THIS SUBJECT WITH MANY RARE EXAMPLES FROM HIS PERSONAL COLLECTION INCLUDING KIMBERLEY MATHIESON, PRESTON AND SPIERS.
2. AND IF THAT ISN'T ENOUGH IT WILL BE FOLLOWED BY FRED'S WOTSIT!
3. OUR FUN AUCTION.
4. SUPPER BY MARIO DATO.

**Next Meeting.**

**Time:** Tuesday Evening **11<sup>th</sup> February 2003.**  
**Location:** **National Trust Centre.** Annie Wyatt Room.  
Observatory Hill. The Rocks. Commencing at **7:15 pm.**  
**Topic:** **Improved and Patent Planes.**  
**Speaker.** Fred Murrell.

From 1840 to 1920 numerous “improved” and “patent” planes were made. Manufacturing empires grew out of good ideas and innovative design. Utility and excellent quality gave these planes “must have” appeal to users.

This meeting is an opportunity to examine improved and patent planes by:- KIMBERLEY, MATHIESON, PRESTON, SPIERS & other plane makers.

Rare planes such as, a Gabriel Mitre Pane, a Mathieson Bridle Plough, a Spiers “Plane O Ayr” Plane & a Mayo Plough will be examined as well as many other rare and unusual planes.

**Previous Meeting.**

Tuesday Evening 10<sup>th</sup> December 2002.  
National Trust Centre. Annie Wyatt Room. The Rocks.  
**Australian Innovation:** Post World War 2 Gadgets.

Many gadgets and Australian versions of familiar tools were on display and formed the centre of the night’s discussion. It seemed to those present that the ingenuity and innovation displayed just post WW II was truly remarkable and maybe is not so evident today as the increasing sophistication of technology renders gadgets either not so essential or too difficult for the simple inventor.

**What is it?**

The mystery tool illustrated in News 68 is Heap’s Screw Stocks and Dies. This tool was reviewed in The Mechanics’ Magazine May 15, 1863.

**STOP PRESS**

It is with the deepest regret that we learned this week that the horrific fires in Canberra claimed John McDonald’s house including his magnificent collection of rare (mostly Scottish) tools as well as his collection of brochures, books and catalogues. To lose one’s house must be bad enough but John’s collection represented many, many years of work and he was always ready to share his knowledge and scholarship with all the members of the tool enthusiasts community. On behalf of TTTG and especially on behalf of all of those members who have contacted your committee to enquire whether John and his family were safe, we extend our heartfelt sympathy at their loss.

**The Traditional Tools Group Inc.**

**2003 Saw Sharpening Workshop.**

**8.30am to 1.30 pm**  
**Sunday 16<sup>th</sup> February 2003.**

**Sign-upForm.**

<b>Name:</b>
<b>Address:</b>
<b>Email:</b>
<b>Phone:</b>
<i>Workshop Fee: TTTG members \$15, Non-members \$30</i>
_____
<input type="checkbox"/> Yes, I am a member of TTTG. Fee \$15
<input type="checkbox"/> I am not a member of TTTG. Fee \$30
<input type="checkbox"/> <b>I wish to join TTTG. Fee (membership &amp; workshop) \$40_</b>
<input type="checkbox"/> I cannot make the workshop, but wish to join TTTG. Fee, \$30
<b><i>I want to pay by:</i></b>
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<input type="checkbox"/> Cheque <input type="checkbox"/> Money Order <input type="checkbox"/> Cash

You will receive confirmation of registration with further details.



**Send a completed copy of this Sign-up form to:**  
**The Traditional Tools Group Inc**  
**PO Box 240 Grosvenor Place**  
**Sydney NSW 1220**

## Advertisements.

### RATES.

All **WANTED** and **FOR SALE** advertisements are free.

Quarter Page \$10 per issue.        \$50 per annum.

Half Page    \$15 per issue.        \$80 per annum.

Full Page    \$20 per issue.        \$100 per annum.

First placement is free.

### WANTED

- Any planes made by Jas. McLaren Melbourne, even a photo.  
Spiers or Mathieson Thumb, Chariot, and any Gunmetal Planes  
Phone Jim Black. Phone 0351 825561.

- 720 Stanley chisel (marked so) in 1 1/4 width (VG condition)  
Stanley block plane #140, a screw for side.

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

-Wrenches and spanners marked "Connolly", "Connolly Sydney",  
"Connolly - Southern Cross", "Dingo", "Gyrex", "Zircalloy"  
Uncommon Australian made Spanners & Wrenches, Shifters etc .  
Trade Catalogues from Australian Stores, prefer to swap for others.  
George Radion. 03 9557 1178 email: [radion@iprimus.com.au](mailto:radion@iprimus.com.au)

-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.

-Starrett Scratch Gauge No 29.  
Woodworker Annuals. Numbers 48, 49, 52, 53, 54, 56. & pre 1940.  
Bob Crosbie. Phone 02 9869 7487, [r.crosbie@bigpond.com](mailto:r.crosbie@bigpond.com)



## Editor's Notes. Or should it be "Editors Apology?"

"TTTG members will have received a bonus with News 68."

No doubt most TTTG members are either confused or wondering what happened to their copy of the promised Carter Planes Leaflet.

By now you should have received the Carter Planes Leaflet. The mail out did not go as smoothly as expected. The TTTG Editor takes responsibility.

What went wrong? Clearly the Editors organisation is at fault. In News 68 the Editors Notes detailed the quality controls in place to assure that the readers receive a quality newsletter. A bit embarrassing as that was the only page in News 68 with typographical errors! I could blame the printer but I think the members deserve to be told the truth. These errors occurred because the wording was hastily changed when it was realised that the Carter Leaflet would not be printed on time. As a consequence this page was not proof read before News was given to the printer.

Explaining why the Carter Leaflet was running late is easy. Two problems emerged early in the project. One was cost, and shopping around to find a printer to take on the job at a reasonable rate took longer than expected. The second problem was in some ways self inflicted. The TTTG reprint started as a scanned image. Getting this into reproducible form should have been easy. However there was the problem of the fold lines, then the water-mark, then the subtle colours. In short obsessive attention to detail expelled all sense of priority.

The editor has, since taking on News, argued that TTTG should produce a quality newsletter. At the moment we have a minor problem. Technically this can be solved. The members are entitled to better and the editor now intends to assure that such things do not happen again.

The essential problem is that we have been trying to print and mail out News in too short a time frame. The solution is to set a rigid 'deadlines'.  
One week after the Committee Meeting is now the final deadline for items to be included in News, and at this point final proof reading will occur. The newsletter will be printed two weeks after the Committee Meeting and will be mailed out one week before the General Meeting.

Only financial members will in future receive News. The mailing list will be generated from the TTTG Treasurers membership list. This will be posted on the Web Site and updated by the TTTG Web Master.

## Correspondence.

### **Star Mortising Machine.**

The Editor,

My "Star" Boring and Mortising Machine has been in Armidale since new. It was used on site for mortising bearers. At the time the studs of a house were tenoned into the bearers (wall plates). Also the joinery was made on site including sash stock, which was moulded with a Stanley 55.

The number of my machine is No. 252. The chisels have the same number and are not branded. The bits are branded Mathieson. They have a countersunk hole at the base of the taper to receive a set-screw. The number on these is 3815.

There is a hole in the housing for a pin to lock the spindle when using a chisel. There is no provision for the use of a drift. The colour is flat navy blue.

The makers' plate is cast into the machine casting and reads

Mathieson & Son.

Glasgow.

Saracen Tool Works.

### **Floor Cramps.**

I also have a pair of floor cramps, large lever action. They have a brand "Netherton Best", which is probably the steel maker, and "J Woodhead Patented". Also a number stamped on them, 3300 on one and 3298 on the other. If any of the members are in Armidale call and see me.  
Neville Handebo. Armidale. N.S.W.

### **News from Tasmania.**

The Editor,

I must say how delighted I was to read John Bates' reply to my article on Jo Blocks. He has added much to my limited knowledge, and not only mine but I'm sure most reader would have found the article most enlightening.

Isn't it great to be able to share our experiences with each other through our Newsletter.

Terry Butcher. TTTG Southern Correspondent.

### **Cast Iron Plane.**

Terry has sent a photo of his latest acquisition. This is a wood lined cast iron Jointer Plane, 650mm long, 75mm wide, blade 65mm (parallel Ward). The lining is Beech and the handle Rosewood. The clamp has a curious rectangular cut out near the top. Terry observes that the plane is "very heavy but runs along with the greatest of ease-like the man on the Flying Trapeze".

There is no name stamped on the plane.

The photo has been posted on the TTTG Web Page and Terry is hoping that someone may have some additional information.

## 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 Vol.14 No.3. Issue 65, August 2002.

-TATHS. Tools and Trades History Society.  
Newsletter 79 Winter 2002.  
Journal Vol. 13.

### 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)  
ttg.org.au

-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

### FOR SALE.

BANDSAW.  
2 Wheel Quality Bandsaw.  
PAULCO. 12" Diameter Wheels.  
Good Condition but needs general over haul.  
\$200 or best offer.  
Bob Leverrier. 9451 2699.

## The Bassoolah.

THE BASSOOLAH, or Indian adze (Fig. 5), is seldom seen in this country, although extravagant claims are made for this tool in the East. It differs in several respects from our standard adze. It is used with one hand, and the handle is 14 in. to 16 in. long and is rounded (broom handle fashion). The head weighs approximately 2 lbs. The handle is gripped close under the head in a similar manner to gripping a hammer. It is used to trim up timber either with or across the grain of the wood.

The peculiarity of this tool is that, instead of showing curvature on its back face, it is made perfectly flat. This flat surface makes an angle of from 45° to 50° with the handle. When the tool enters the wood it has no tendency to "rise" and leave a scooped cut like the standard adze. By virtue of its straight back it has a tendency to leave the wood with a flat cut as though made by a wide chisel. The dimensions are given on the figured drawing, which is a view from the under side of the adze head.

Adzes have their heads made with a tapered eye so as to facilitate the removal of the handle when it is required to introduce them to the grindstone. The Kent axe and the felling axe are ground from both sides of the blade. On the other hand, the adze and the bassoolah (sometimes spelt *bursoolah*) are ground from the inside of the blade only.

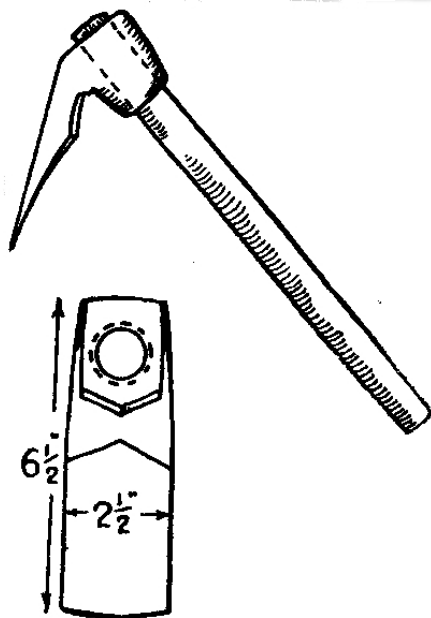


FIG. 5 BASSOOLAH, with  
plan, looking from underside of head

## Correspondence.

### **Reply from a Rhykenologist.**

The Editor,

In response to two items in Newsletter No. 68.

Item 1.

“The Illustrated Guide to Australian Tool Manufacturers-General Sources.”

I would like to add

“Australian Woodworking Planemakers-An Update.” (published 2000).

I enclose a free copy for the group.

Copies are available from me for \$5, postage included.

Item 2.

Pemuvar Plough Plane.

I acquired one of these recently.

Details are- alloy body & outrigger painted red, in a flat cardboard box with the label on the lid stating

“PEMUVAR METAL REBATE and PLOUGH PLANE.

Made by Pemuvar PRODUCTS Ltd. Under Licence No. 2114 -1 (or 4) -372.

It is what I would describe as a cheapie, small and light weight!

Is anything else known about this company and if they made any other planes or woodworking tools?

Trevor Semmens. Tasmania.

### **Editors Reply,**

It is always a pleasure to hear from Trevor.

“Australian Woodworking Planemakers-An Update.” was reviewed in News.

Members are encouraged to purchase a copy. In fact at \$5 buy a few extras!

I have my personal copy before me and just to show what value it is I draw the readers' attention to the entry under T & M Woolley. This plane maker (?) is the subject of Johns Page in this issue of News.

Trevor is actively researching and collecting Australian made planes.

I am sure he will appreciate the Carter Tools Leaflet TTTG has reproduced.

## Web News.

### The Illustrated Guide to Australian Tool Manufacturers.

The web site is being enhanced to include a guide to information on manufacturers of all types of tools; hand, machine and power tools.

The guide will cover all trades.

This covers an enormous range of manufactures, so the page is developing over time. We look forward to contributions from TTTG members.

Have a look on the web site, and make sure you check through your collection/accumulation for any material on our tool makers.

If you can contribute personal remembrances, so much the better.

### How Your Tools are Made, 1937.

The Woodworker Annual. 1937 contains a series of articles titled HOW YOUR TOOLS ARE MADE.

The articles are The Handsaw, The Twist Bit, and The Chisel.

The full articles can be found on the TTTG Web Page.

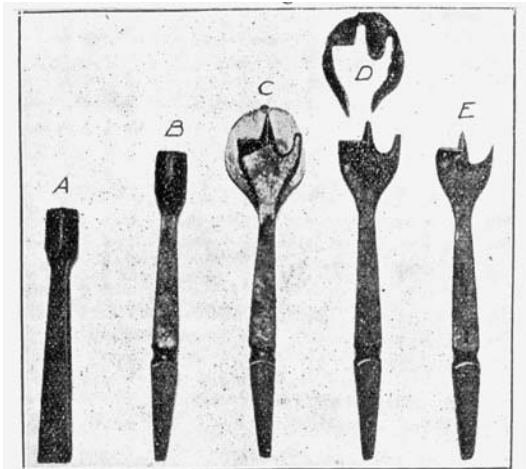


FIG. 4. PRODUCTION OF A CENTRE BIT  
Special dies used in a machine forging hammer beat out the steel to the shape shown here. The cutting edges are finally filed up by hand.

Darcy Hourd  
Webmaster

## Home Made Tools.

### SCRAPER SPOKESHAVE

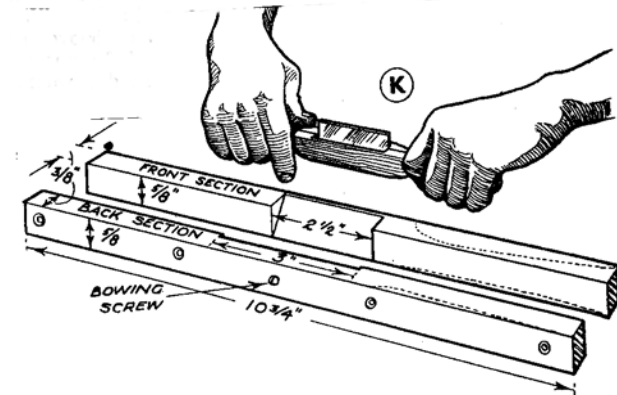
The ordinary type of wood spokeshave is somewhat inclined to tear out the grain because the cutter lies at so low an angle to the wood-it is in fact actually parallel with it. The scraper type shown at (K) is much better in this respect, especially when working woods with a difficult grain. It naturally will not take so heavy a cut as the ordinary type. Details of that at (K) have been sent in by a reader-though the type is one used a great deal by chairmakers.

All that is required to make it are two strips of hard wood of the sizes given, a short length of scraper iron 3 inches long by 1 inch broad and four  $\frac{5}{8}$ in. No. 5 screws.

Plane the pieces of wood to size, and on the front section, mark " face " on the broad side and " top " on the narrow side. Find the centre on top of the front section and measure out on each side to give a space of  $2\frac{1}{2}$  ins. Square lines on top and back, and saw through the corners diagonally to within  $\frac{1}{16}$  of an inch of the face; clean out this recess between the lines to allow a gap for clearing the shavings.

On the back section measure 3 in. in the centre on the side which clamps to the front section, and cut a recess slightly less deep than the thickness of the iron to be used. A bevel is filed on the cutting edge of the iron, and the wire edge, left after filing, is rubbed off on the set stone, then returned with a burnisher drawn smoothly along the bevel.

With the bevel towards the back, place the iron between the two sections and fix together with four screws. It may be necessary to widen the mouth of the scraper, and to do this remove the iron and file the front recess. When this is satisfactory, shape the wood as illustrated. To regulate the bow of the iron, screw a  $\frac{1}{2}$  in. No. 5 screw behind the blade.



Woodworker Annual. Volume XLI, 1937.

## Practical Hints.

### **GENUINE FUMED OAK**

This finish is secured by placing the wood trim (oak) or furniture to be stained in a room made as nearly air tight as possible. Then several shallow dishes are filled in this room with strong ammonia---26 degree, Bé. The household ammonia is not strong enough.

The ammonia fumes act upon the tannic acid in the wood and turn it brown.

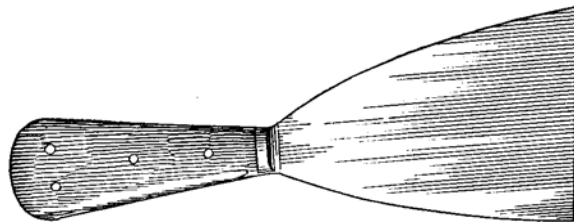
Rooms built for fuming have a glass window through which the lumber can be inspected from time to time and removed when dark enough in color. The fuming requires from one to three days. The wood must be free from dirt, grease and glue spots or else white spots will occur in the finish. There must be a free circulation of air about each board to be fumed to insure a uniform color on all lumber.

Fuming does not raise the grain of the wood, it penetrates deeply and gives a permanent, uniform color.

The strong ammonia used is dangerous to breathe, quite as much so as gas, so care must be exercised. about entering the fuming compartment.

### **FUMED OAK CHEMICAL STAIN**

Dissolve four ounces of catechu (gambier) in one gallon of water. Brush on to the wood, or put on with a sponge. A rich brown will result on oak wood. Let it dry and then brush over the wood with a solution of four ounces of bichromate of potash dissolved in one gallon of water. You will then have a fumed oak effect which closely resembles genuine fuming and it will hold its color. Use less water to make a darker stain; also boil the solution for some time.



SCRAPING KNIFE

### Painting and Decorating Working Methods.

A text book for Apprentice, Journeyman Housepainter Decorator.  
Edited by F.M.Vanderwalker. Published under the directions of  
The International Association of Master Painters and Decorators.  
Theo Audel. New York City.1922.

## Events.

### 2003 Saw Sharpening Workshop.

**When:** 8.30am to 1.30 pm. Sunday 16<sup>th</sup> February 2003.

**Where:** Asquith Boys High School. Jersey Road, Asquith.

This is a hands-on activity in a fully equipped workshop.

Book now on the form included in this newsletter.

Maximum number of participants is 15. Please bring your saws for sharpening.

If you are looking to buy a saw set, look for the following brands – Eclipse, Stanley 42 range, Disston 24. Second hand is the best choice.

**Cost:** \$15 for financial TTTG members or \$30 for non-members.

Join TTTG and enrol for the Workshop and pay only \$40.

Please note this workshop is a members' only workshop.

If you are not a current member of TTTG, you will need to join in order to attend the workshop.

### **Special Offer.**

Join TTTG and enrol for the Workshop and pay only \$40.

**Enquires:** Mike Williams 02 9144 6356

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

---

### Plane Fettleing Workshop.

**When :** May 2003.

**Where :** WOODWORKS Meadowbank Shop.

**What :** Emphasis will be on fettleing bench planes.

The workshop will include repairs, sole flattening, sharpening and set up. Materials, spare parts and old planes will be for sale during the workshop.

**Cost:** Same cost as Saw Sharpening Workshop.

Join TTTG and save!

Expressions of interest are called from TTTG members interested in attending this proposed workshop.

## **TTTG Publications.**

The TTTG Committee is currently developing a series of publications. Below is a summary of what is available and what in progress.

### **Carter Plane Leaflet.**

The Reprint of an undated Carter Tools colour Leaflet is now available.

Cost is \$5 each, post extra.



### **Johns Page.**

Work is currently in hand on a compilation of articles by John Daniels.

This is now at the layout stage.

The editor believes an A4 format is most suitable.

This will allow quality reproduction of the illustrations.

A title is yet to be decided. Any suggestions?

### **Anthony Hordens Catalogue.**

Work is also currently in hand on a series of Extracts from an early Anthony Hordens' Catalogue.

### **“The Illustrated Guide to Australian Tool Manufacturers”**

“The Illustrated Guide to Australian Tool Manufacturers” will be offered in printed form, probably late in 2003.

Due to the cost of colour illustrations and the anticipated demand the Committee intends to seek a joint publisher.

### **More on Rust Removal.** by Ray Gurney.

The editor is often asked for copies of this article.

Copies are available by request.

A stamped self addressed envelope would be appreciated.

Write to the TTTG postal address.

### **What Else?**

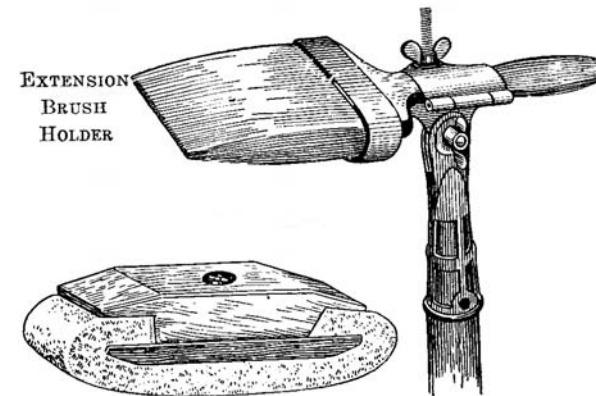
Other publications are planned. Any members who have suitable material should contact the Editor.

Financial TTTG members will receive one copy of each publication free.

Additional copies will be printed for sale to non-members.

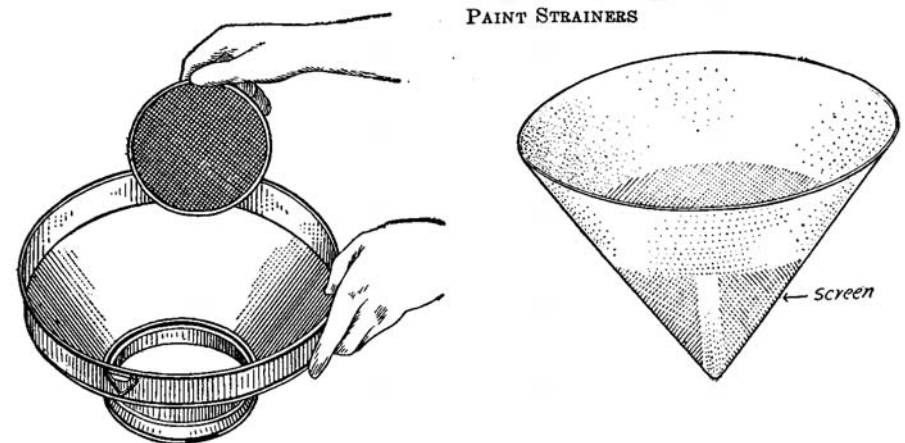
TTTG members receive 10% discount on additional copies purchased.

## **Some Painters Tools.**



EXTENSION  
BRUSH  
HOLDER

FELT RUBBING PAD



PAINT STRAINERS

Screen

### **Painting and Decorating Working Methods.**

A text book for Apprentice, Journeyman Housepainter Decorator. Edited by F.M. Vanderwalker. Published under the directions of The International Association of Master Painters and Decorators. Theo Audel. New York City. 1922.

## How Your Tools are Made, 1937.

The Woodworker Annual, 1937 contains a series of articles titled HOW YOUR TOOLS ARE MADE.

The articles are The Handsaw, The Twist Bit, and The Chisel.

The full articles can be found on the TTTG Web Page.

The illustrations below give some idea of the importance of this material.

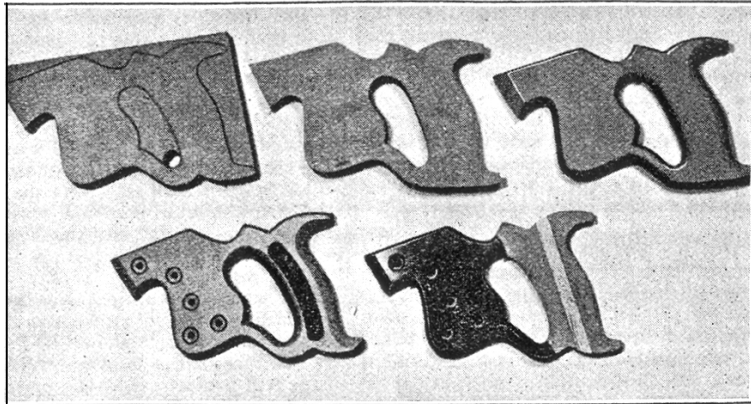


FIG. 5. THE FIVE STAGES IN MAKING THE HANDLE.  
The wood is first bandsawn out to the over-all shape. The edges are then rounded, and the whole glasspapered smooth. The dowel through the handle adds to the strength.

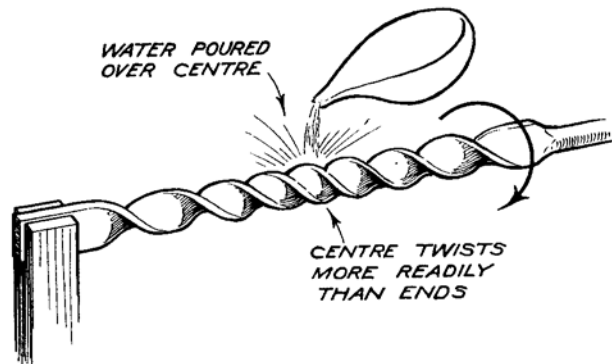


FIG. 2. BENDING THE RED HOT METAL TO FORM THE TWIST  
As the centre is liable to twist more readily than the ends, water is poured on locally to harden the metal when sufficient twist has been given

## Information Wanted.

### G T Savage, Sydney.

A moulding plane has been reported with the Mathieson & Son Glasgow trademark also stamped "Made for G T Savage Sydney".

Any information about G T Savage Sydney is sought.

### Ozitool Mail.

How To Join.

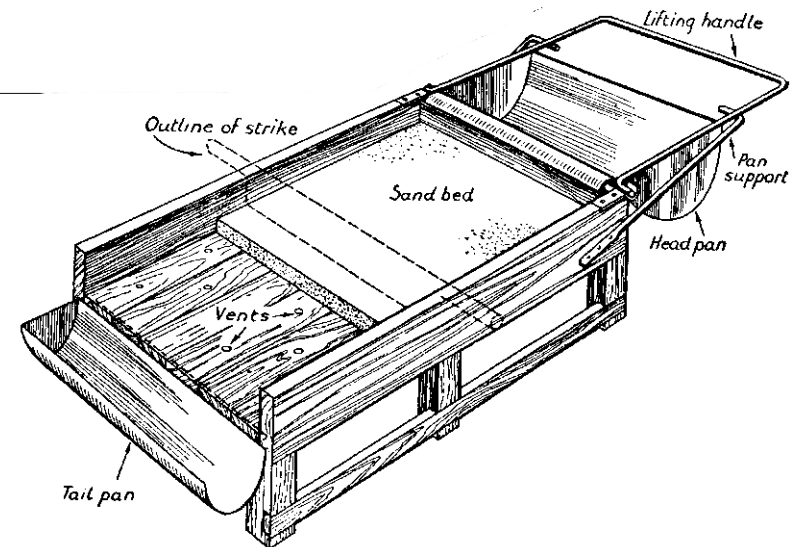
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T & M Woolley - Sydney. Maker or Retailer?

Trevor D. Semmens, in his Second Edition of "Australian Woodworking Planemakers" makes the following comment relating to T & M Woolley: "Nothing is known about them. Their mark has been seen on three models of wooden planes. They are a moving Fillister, a side bead moulder and a 'side handrail plane'."

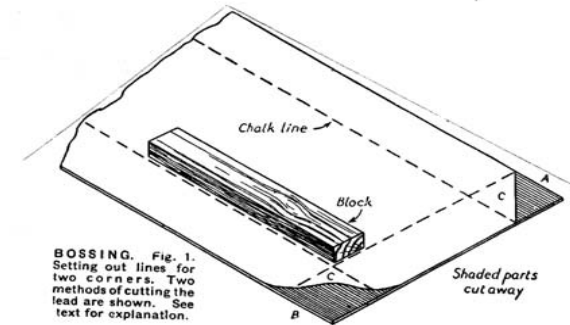
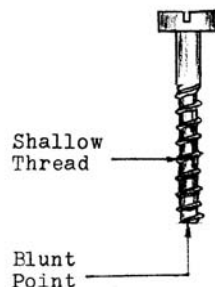
I found the 'side handrail plane' referred to in Semmens' book in an antique shop in the Hunter Valley a little over five years ago and wrote about it in the November 1997 issue of "The Tool Chest" published by The Hand Tool Preservation Association of Australia (HTPAA).

The plane, according to Whelan (The Wooden Plane, Astragal Press 1993) has the common profile of two flats at different levels separated by an "ogee", although many other profiles are found. The body of my plane is seven inches long. The body, fence and wedge are made from English Beech, the fence having cast brass slotted inserts to take the cheese-head screws. These screws are the early machine-cut type with a shallow even thread and a blunt point. The chamfers to the body are three eighths of an inch wide and are slightly convex. The narrow shoulder on the body has a double gouge cut at each end. This plane has a square cut mouth to receive a one and seven eighths of an inch blade bedded at approximately fifty degrees to the sole.

Although the style of the plane is not always an indication of age, I believe the use of the early machine-cut screws would provide an approximate time frame. This type of screw was manufactured between 1815 and 1845 and may not have been used in England after 1851.

I suggested an approximate time frame for they may have been old stock at their place of manufacture or perhaps the factory may have been slow at updating its machinery. In the T & M Woolley case, if indeed they were the plane makers, they may have suffered a little time lapse by producing tools in "remote Australia". Unfortunately the plane was missing its blade, which would have been of some assistance when dating. (Incidentally I have resisted the temptation to fit another blade as I feel that any addition to the original find would somehow alter the integrity of a genuine piece).

Fence Securing Screw



BOSSING. Fig. 1. Setting out lines for two corners. Two methods of cutting the lead are shown. See text for explanation.

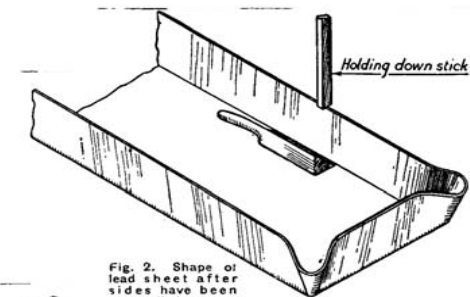


Fig. 2. Shape of lead sheet after sides have been pulled up.

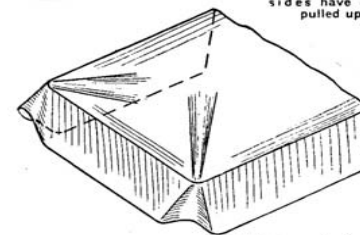
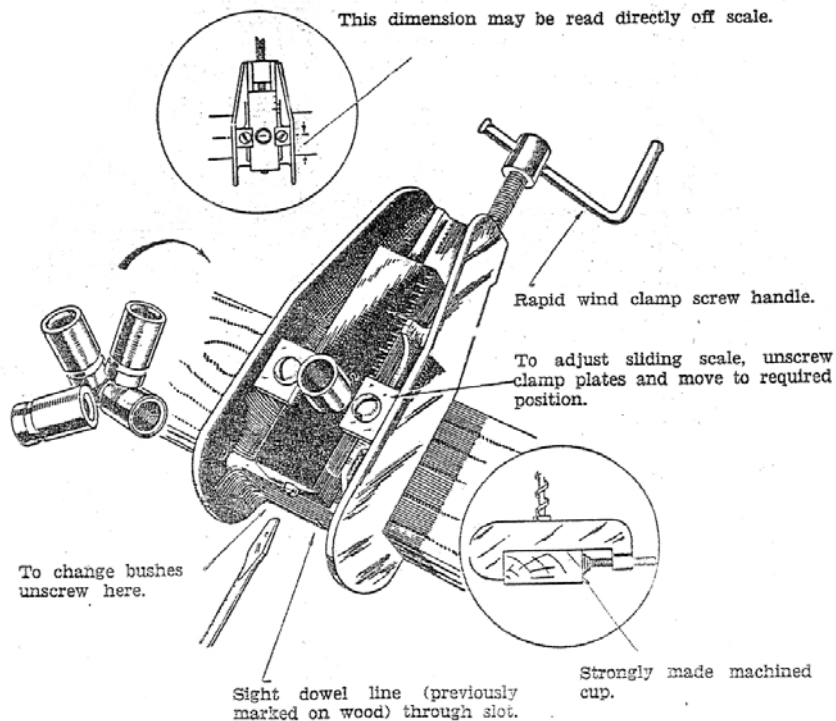


Fig. 3. Bottom of lead slightly bellied inwards from corners.

**Australian Made.**

**EZYSET Dowel Jig.**

A number of dowelling jigs were manufactured locally between the 1940s and the 1970s. Most were variations on the Stanley 59 & 60 Dowel Jig. Some, such the Silex, were virtual copies with minor variations from the Stanley Jig. Others, such as the Ezysset, were innovative redesigns of the basic concept of the Stanley model. All the Australian Dowel Jigs used the same manufacturing technology as the later Stanley Jigs. That is, these jigs were made of die cast Aluminium. The earlier Stanley Jigs were made of cast iron and are excellent tools. Aluminium Jigs are light in weight but are soon broken when subjected to the "Year 9 Technics Class Test". The Ezysset Dowel Jig was distributed by Atom Distributing Co.



**T & M Woolley - Sydney. Maker or Retailer?**

Is this plane Australian made? "No", according to the opinion of some. "It would not be possible for T & M Woolley to import English Beech in sufficient quantities to make these planes." It is interesting to read the introduction to the credible publication by Kevin Fahy, Christina Simpson and Andrew Simpson "Nineteenth Century Australian Furniture" where reference is made to imported timbers for furniture making as early as 1845, such timbers Rosewood and Satinwood and in particular English Beech used in a piano in the 1870s. If it was possible to import timber in sufficient quantities for furniture, why not plane making.



Front Corner of the plane. Note the broad double gouge cut at the end of the shoulder.

There is every possibility that T & M Woolley were the makers of these three known planes, one day perhaps, some evidence will come to light to support or dismiss this. Perhaps there are other planes out there hidden in some corner.

Any information to shed light on the Woolleys would be most welcome.



Underview of plane showing detail of Adjustable fence.



Smoked print showing the Profile and detail of the side Handrail plane. T & M Woolley.

## Imitating Fancy Woods.

### KERSHAW'S APPARATUS FOR IMITATING FANCY WOODS, MARBLES, ETC.

MR. THOMAS KERSHAW, of Baker-street, Portman-square, London, has patented a set of "improvements in apparatus for imitating various fancy woods, marbles, granites, and stencillings." These improvements relate more particularly to the cylinder for imitating the veining and natural appearance of the wood, as described in a specification of a patent granted to E. Barber, 11th April, 1846, of which patent Mr. Kershaw is assignee. For the better imitating of different woods and marbles by the cylinder, certain parts on the carved surface of the leather on the cylinder are ground down by any suitable means for the purpose of imitating the half lights, which, by this means, are done at the same time. For the imitation of stencillings the surface of the leather cylinder is cut or engraved to any desired pattern, the design being in relief, and the wall or part to be operated upon covered with colour, when on running it over with the engraved leather cylinder, the design or relief will take up the colour in the exact shape or form as engraved; or the colour may be put on by the cylinder. The roller is supported and held by a handle fastened to a frame which embraces the cylinder, and is attached thereto by a screw, pin, or other similar contrivance passing through the axis of the cylinder; more command is thus obtained over the cylinder than by the ordinary method of a single axis held by both hands. For the imitation of marble upon painted deal, stone, cement, slate, iron, zinc, paper, glass, or any other surface—the leather being cut to imitate the various veins natural to the marbles, in most cases the colour is laid on the painted or other surface, several tints for each marble, the cylinder is then passed over, the projecting surfaces of which take up the colour according to the design cut thereon. In some marbles the colour is put on the cylinder, which transfers it on to the surface to be marbled, and when this is done the colour or colours are blended together with a softener, as commonly used for that purpose. The feather in the grain of mahogany is produced also by means of engraved leather, but in a somewhat different manner to the rest. The leather in this case is not fastened on a cylinder, but is lapped round a roller with one end loose; by this means any length of feather may be made without a large cylinder, and it is easier to get into corners.

Fig. 1, front elevation of a cylinder for imitating satin wood; Fig. 2, a perspective of a cylinder for imitating oak vein; Fig. 3, front elevation of a cylinder for imitating marble; Fig. 4, elevation showing the roller for imitating a mahogany feather; Fig. 5, elevation of a cylinder for oak heart; Fig. 6, elevation of a cylinder for stencilling; Figs. 7 and 8, details of the handle for cylinders. The cylinders *BB* are made of leather of a good thickness, such, as buffalo hide, the pattern of the wood, marble, or other material to be imitated being engraved thereon. Where half-lights are required in the grain, the surface on the cylinder instead of being cut may be ground slightly down, so that on passing it over the net colour, being only partially in contact, it does not take up so much as the parts immediately in contact. The leathers are cut and engraved before placing them on the cylinders, and when made to the proper lengths the ends are cemented, they are then put into the cylinders, which the inventor prefers to make of zinc, as being less liable to oxidation. One end *C*, see Fig. 2, of the cylinders is loose, and may be taken out, so that when it is necessary to carry several of different sizes they may be placed one within the other, and thus be very portable. The cross bar *F* attached to the handle *A* embraces the cylinder lengthways, and a screwed pin *G*, see Figs. 7 and 8, is inserted through holes provided, and also passes through the axis of the cylinders, and is thus secured, but permits it to turn easily on its axis. In Fig. 5, *D* is the back of the engraved leather, and *B* the engraved surface, and it is shown partly lapped round the roller *H*, provided with a handle at each extremity. *M* represents a mahogany feather, made by winding the engraved leather on the roller. Any other kind of wood, marble, granite, or stencilling may be imitated in a similar manner if the leather is engraved and cut to the proper design for the material required. In using these cylinders the colour may either be put on previous to passing over the cylinder, in which case the leather would take up the colour, or the colour may be put on the leather, and the cylinder then passed over a prepared surface.

**The Mechanics Magazine. February 1, 1861.**

### KERSHAW'S APPARATUS FOR IMITATING FANCY WOODS, MARBLES, ECT.

