

lever by which arrangement it may be more readily used in confined situations such as angles of Framework or other such places." At that time he was Engineering Manager of the Earl of Ducie's Iron Works, Uley, Gloucestershire. Although his drawings show the jaws oriented in line with the handle, he had already registered the 'Ornamental' drawing No. 9250 on the 15th August 1843 showing both an elongated 'S' shaped handle and, incredibly, a smaller head at the other end (Fig. 8), something that was never produced but which predicted a style later to be made in America, notably by Crescent. Certainly, the only known specimen of Clyburn's original manufacture, the fourth to be made of his No. 1 size (10-inch), has the 'S' handle. This shape was never repeated in what we call the '2nd Generation Clyburn Pattern' (Sheffield, Birmingham, etc.) but, interestingly, the 'straight' variety is nearest to Clyburn's September drawing and the 'S' has got squashed up near the head in the 'curved' variety: head offset angles vary between 20° and 25° for the 'straight' and 27° to 33° for the 'curved'.



Fig. 8. Original drawing of Richard Clyburn's elongated 'S' shaped handle spanner

Possibly one of the earliest exporters to Australia of the Clyburn Pattern (Fig. 7c) was the Sheffield Company, Joseph Evans & Sons Ltd, who operated from the 1870s. Those wrenches sold in Australia generally carried the company's motif of a dragonfly and in addition were stamped 'PATENT UNBREAKABLE JAW No. 21325' but no GB Patent containing these numbers has yet been

found. There were many different styles of dragonfly, which in themselves is an interesting study (Fig. 9).



Fig. 9. Joseph Evans & Sons Ltd company motif

Some companies claim their Clyburn as the 'THE ORIGINAL CLYBURN' (Fig. 10) which can be branded or unbranded with the company's name. A branded example is a 6-inch straight handle made by Samuel Buckley & Co. Ltd., used by the Victorian Railways (Fig. 7d). Many catalogues did not list a manufacturer's name: e.g. The Queensland Machinery Company's 1916 catalogue just listed Clyburn Spanner as 'Made from the best Warranted Steel' and available in 6–30-inch sizes. However, T. W. Davie & Co. in their 1906 catalogue, did list the brand, which was 'Domino' and it as available in eight sizes from 6–20 inches.



Fig. 10. The 'ORIGINAL CLYBURN' marking on a 6" Clyburn manufactured by Samuel Buckley & Co. Ltd

Probably the most readily found of the Clyburn Pattern is the 'IMPROVED STRONG JAW Registered No. 523941' (by Arnold Augustus Allcard, 7th May 1908) usually marked manufactured by Easterbrook, Allcard & Co. Ltd, Sheffield. (Fig. 7b) and, later, by their trade name PRESTO. The McPherson's 1937 catalogue listed the 'Easterbrook Strong Jaw Clyburn Spanners' in 11 sizes, ranging from 6-inch, which sold for 4 shillings and three pence through to the 30-inch, which sold for 42 shillings and six pence. Another commonly found Clyburn is made by the Highgate Tool Co. Ltd. stamped 'Highgate Birmingham' or 'Highgate BHAM' (Fig. 7a).