(No Model.)

R. CHAPPELL.

COMPOUND METAL SHEET.

No. 435,014. Patented Aug. 26, 1890.

Fig. 1.

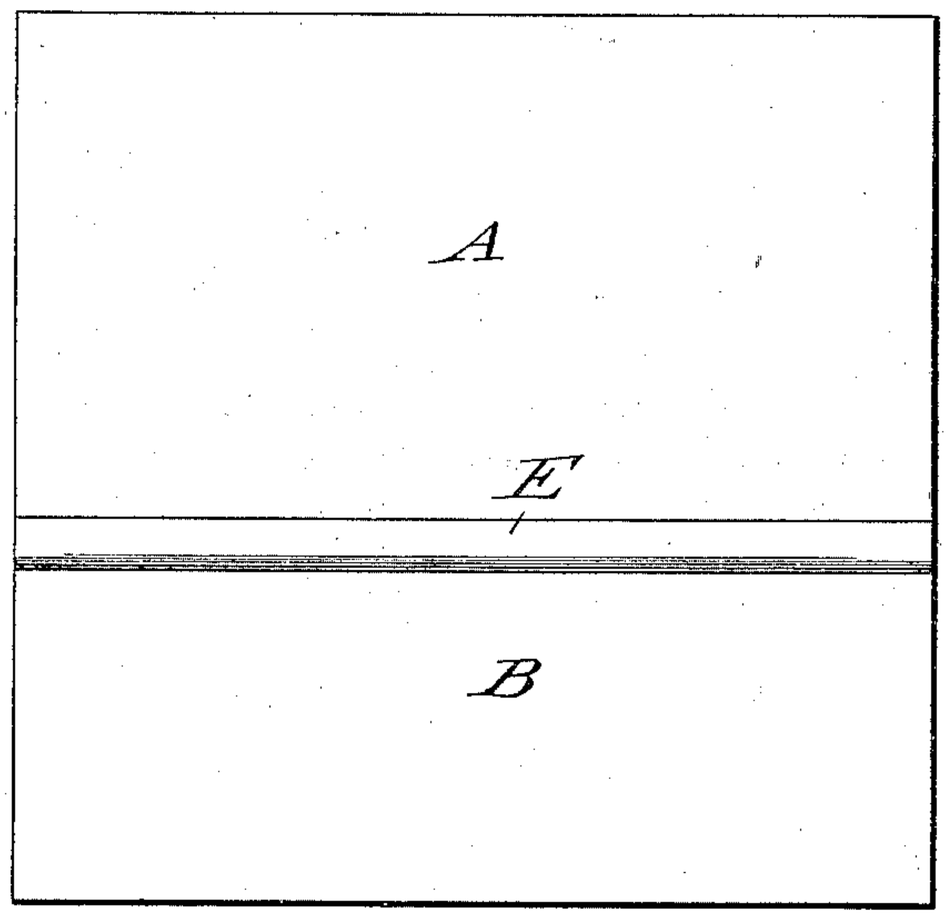
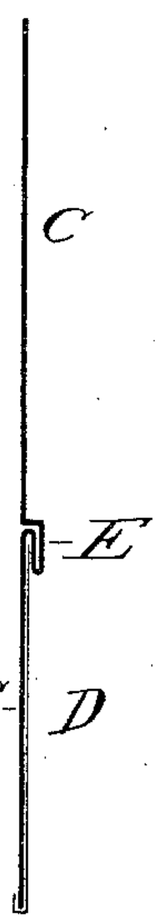


Fig. 2.



Witnesses: A. D. Smith
Tho. J. Pain.

Inventor: R. Chappell

UNITED STATES PATENT OFFICE.

RICHARD CHAPPELL, OF MOOSOMIN, NORTH-WEST TERRITORIES, CANADA.

COMPOUND METAL SHEET.

SPECIFICATION forming part of Letters Patent No. 435,014, dated August 26, 1890.

Application filed June 14, 1889. Serial No. 314,322. (No model.) Patented in Canada August 20, 1889, No. 32,127.

To all whom it may concern:

Be it known that I, RICHARD CHAPPELL, tinsmith, of the town of Moosomin, Province of Assiniboia, North-West Territories, Dominion of Canada, have invented a certain new and useful Improvement in Metal Sheets, (for which I have obtained a patent in Canada, No. 32,127, dated August 20, 1889;) and I do hereby declare that the following is a full, clear, and exact description of the same, reference being made to the accompanying drawings, in which—

Figure 1 is a side elevation of a sheet embodying my invention. Fig. 2 is an elevation showing the end of sheet.

My invention relates to the combination of tin-plate and brass, copper, or other rust-proof metal. The advantage of such a sheet is that much lighter brass, copper, or other rust-proof metal can be used when having the tin for a support, thereby making a sheet at little more than one-half the cost of copper or brass, which will give equal wear. The sheet is more particularly designed for making wash or stove boilers and tea-kettles, but may be used in making any other utensils. In the drawings the sheet shown would be for boilers. It is found that the lower portion of a tin boiler rusts much sooner than the upper portion, and it is to prevent this, at a slight advance to the consumer, that I am endeavoring to accomplish.

In the drawings, A is the upper part of the sheet, which is tin. B, the lower part, is tin, veneered with light copper, brass, or other rust-proof metal.

E E show fold put in tin sheet to hold upper part of brass or other metal.

D shows copper, brass, or any rust-proof metal. The edge of rust-proof metal is slipped into the groove, when it is pressed down tight upon it, thus preventing any water getting between the sheets.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the tin-plate C C and the rust-proof metal D, as shown in Fig. 2.

Moosomin, May 31, 1889.

RICHARD CHAPPELL.

In presence of—

OLIVE NEFF,

WM. CLEMENTS.