

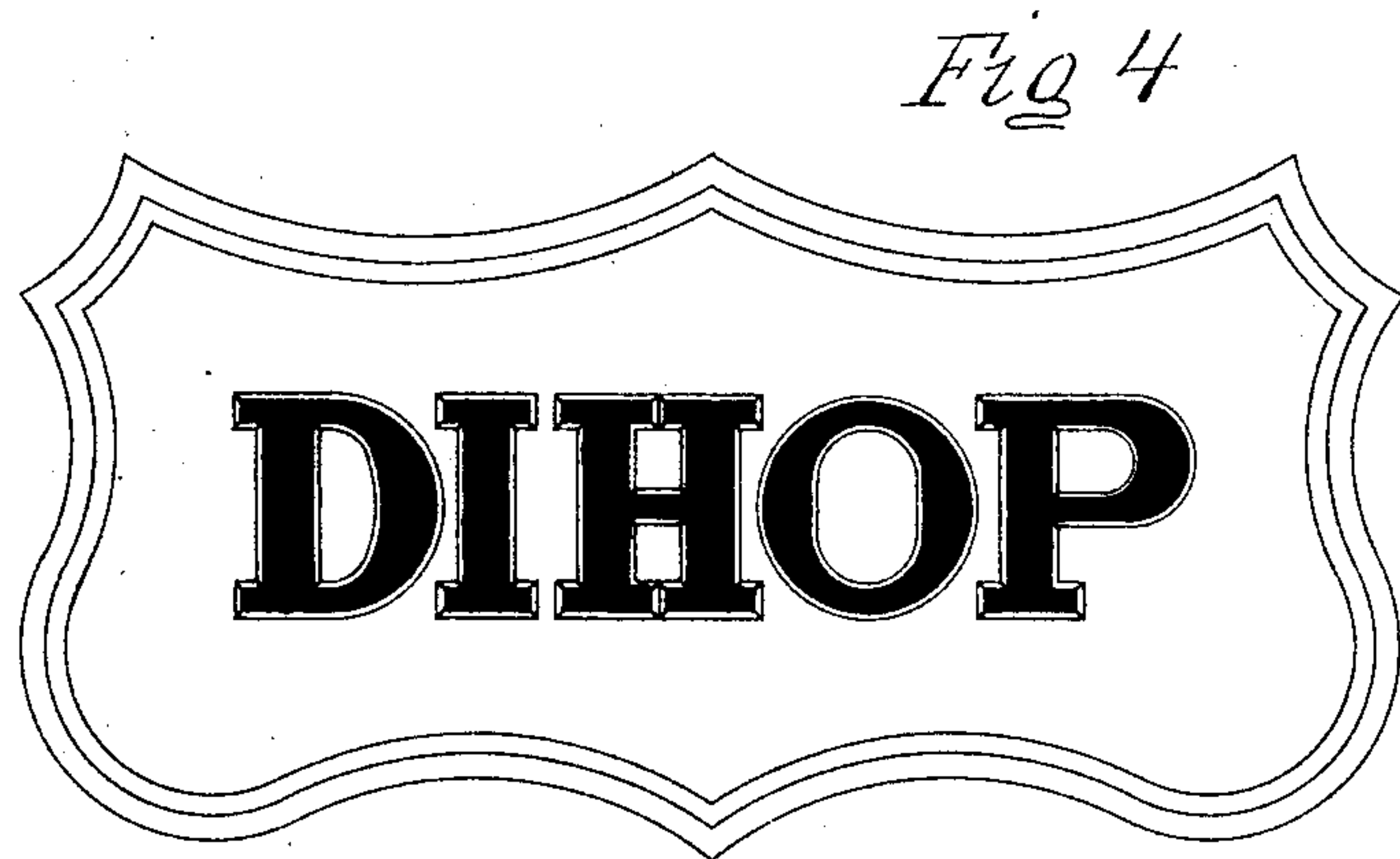
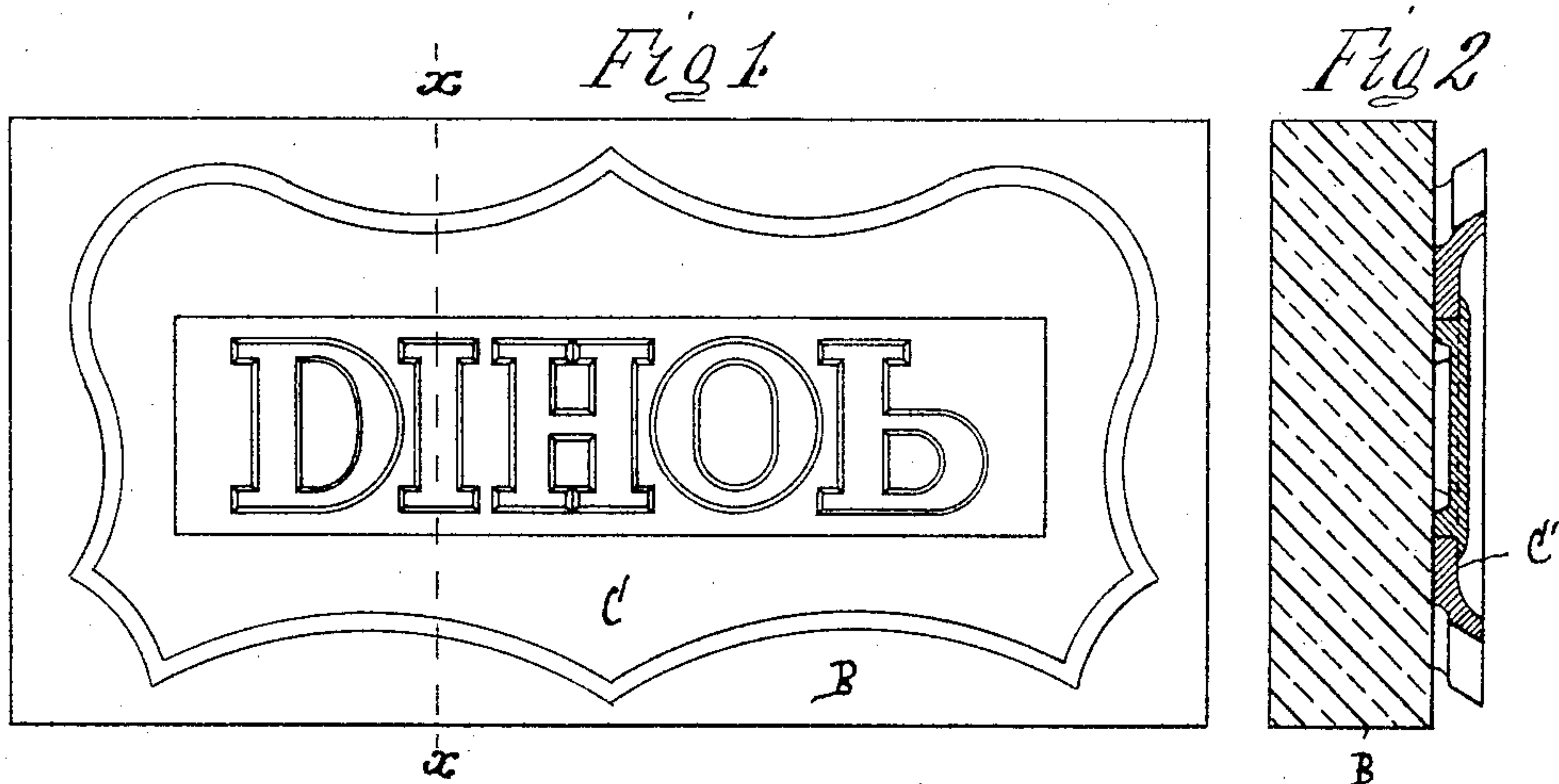
(No Model.)

T. HUSTER.

METHOD OF FORMING LETTERS IN DOOR PLATES.

No. 464,362.

Patented Dec. 1, 1891.



Witnesses

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UNITED STATES PATENT OFFICE.

THEODOR HUSTER, OF PATERSON, ASSIGNOR OF ONE-THIRD TO CHARLES E. HASSENPFUG, OF PASSAIC COUNTY, NEW JERSEY.

METHOD OF FORMING LETTERS IN DOOR-PLATES.

SPECIFICATION forming part of Letters Patent No. 464,362, dated December 1, 1891.

Application filed January 16, 1891. Serial No. 378,036. (No model.)

To all whom it may concern:

Be it known that I, THEODOR HUSTER, a citizen of the United States, residing at Paterson, Passaic county, State of New Jersey, have invented a new and Improved Method of Forming Letters in Door-Plates, Signs, and other Like Metallic Surfaces, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof.

The object of my invention is a cheap and improved method of forming surface-letters in door-plates, signs, and other like metallic surfaces. The object sought I attain by a succession of steps taken or acts performed, not confined to a particular mechanical construction, as will be hereinafter described and claimed.

Figure 1 of the drawings shows a series of letters in reverse position on a wooden plate or frame with a border-plate surrounding the letters, the border-plate being face to face with the wooden plate in such figure. Fig. 2 is a cross-section showing the position of the plastic material, &c. Fig. 3 is a front view of the pattern, and Fig. 4 shows a finished door-plate.

In carrying out my invention I take the letters desired and fasten them by some suitable adhesive material in position on a wooden face-plate B. Then I take the vacant door-plate C and place the same face to face with the plate B, as in Figs. 1 and 2. Then I fill

the vacancy in the plate C with some suitable plastic material, as plaster-of-paris, &c., until the plastic material poured into it is slightly above the level of the inner back metallic surface C' of the plate C, as shown in Fig. 2. Then I take the plate C from its position on the wooden plate B, together with the plastic material or plaster which forms its central portion, and has the impression of the letters in it, and I use the said plate C, together with its central portion, as a pattern from which to form the door-plates. A mold is made from this pattern and the door-plate is cast in the mold in the ordinary manner. When the door-plate is removed from the mold, it is cleaned, polished, and ornamented in any desired manner.

What I claim is—

The method of making a lettered plate, which consists in first securing the desired letters in reverse to a board, then surrounding the letters with an open ornamental border-plate, then filling in the central portion of the plate with plastic material adapted to receive the impression of the letters, and finally using the combined border-plate and its central lettered portion as a pattern, substantially as set forth.

THEODOR HUSTER.

Witnesses:

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