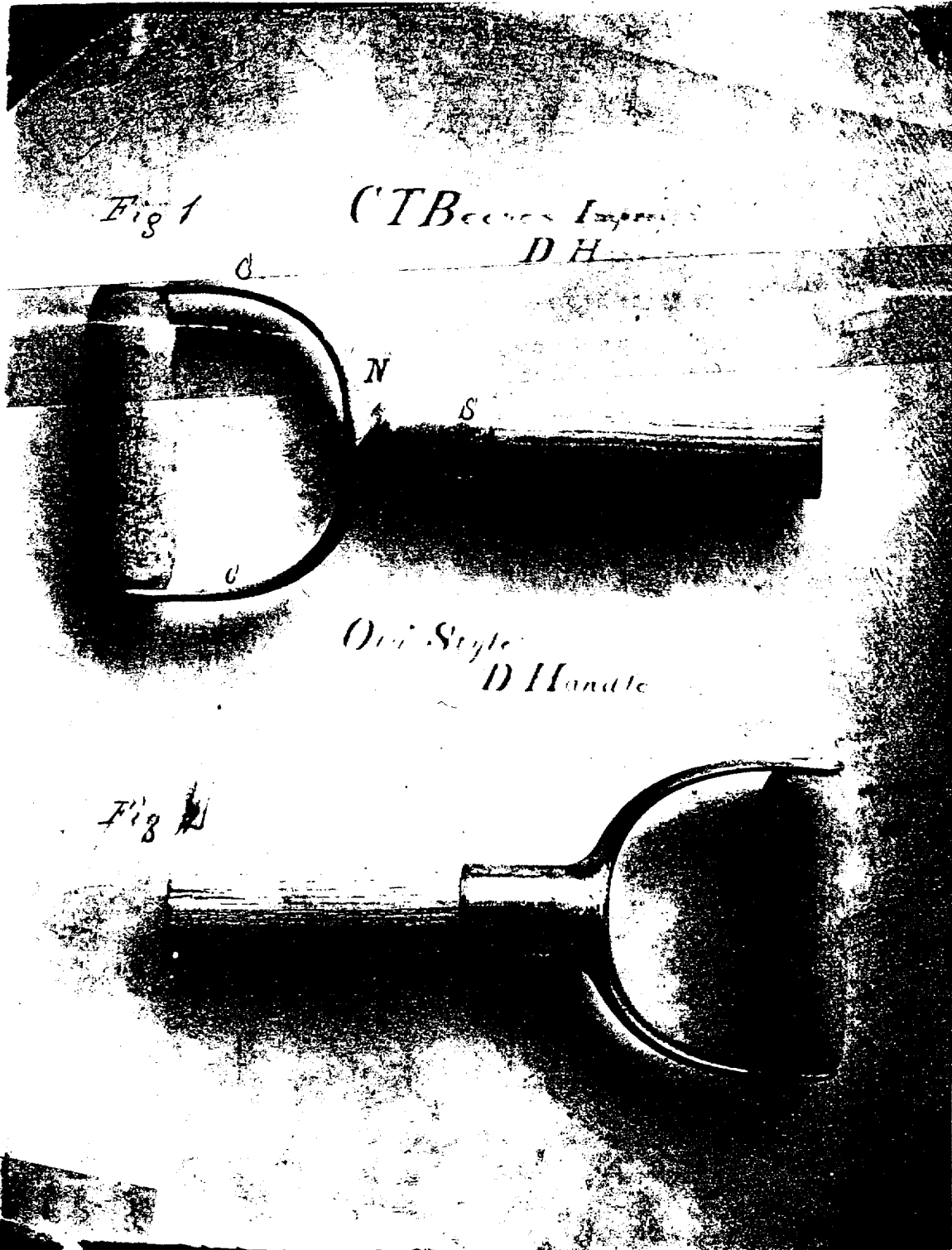


# DESIGN FOR SHOVEL-HANDLES.

Design No. 10,532, dated March 12, 1878



Witnesses:  
A. E. VANDERCOOK,  
L. D. WELLING.

CALVIN T. BEEBE.

# UNITED STATES PATENT OFFICE.

CALVIN T. BEEBE, OF JACKSON, MICHIGAN.

## DESIGN FOR SHOVEL-HANDLES.

Specification forming part of Design No. **10,532**, dated March 12, 1878; application filed March 24, 1877.  
[Term of patent 7 years.]

*To all whom it may concern:*

Be it known that I, CALVIN T. BEEBE, of the city of Jackson, county of Jackson, and State of Michigan, have originated and designed a Pattern for a **D**-Handle, of which the following is a clear, full, and exact description, reference being had to the accompanying photographic illustration, making part of this specification.

In Figure 1, **S** represents the socket into which the handle of a shovel, spade, or fork is inserted in attaching to the **D**-handle. **N** represents a neck formed between the socket and the two branching sides of the **D**. **C C** represent the two branching sides of the **D**, to which the wooden handle **H** is attached by means of a rod extending through **H** and riveted at each end, that portion of the **D**-handle represented by **O C N S** being of malleable cast-iron.

I am aware that **D**-handles in part composed of malleable cast-iron have been made before, the form of same being as shown in Figure 2. I therefore do not claim the general form.

The distinctive features of my improvement are found in the neck formed at **N** between the top of socket **S** and the branching sides **C C**, the contraction forming the neck making a much neater finish, at the same time decreasing the weight by allowing the branching sides **C C** to be made lighter where they join the socket, making quite a saving in the weight of casting, and adding very much to the general appearance of the handle. The sides **C C** are also longer and wider apart than in the old style, affording a much more roomy handle.

What I claim as my invention is—

A design for a **D**-handle, having a neck or contraction between the socket and branching sides, substantially in the manner above described, and shown in the photographic illustration.

CALVIN T. BEEBE.

Witnesses:

A. E. VANDERCOOK,  
L. D. WELLING.