

(No Model.)

G. T. CHAPMAN.  
HORSESHOE.

No. 434,821.

Patented Aug. 19, 1890.

Fig. 1.

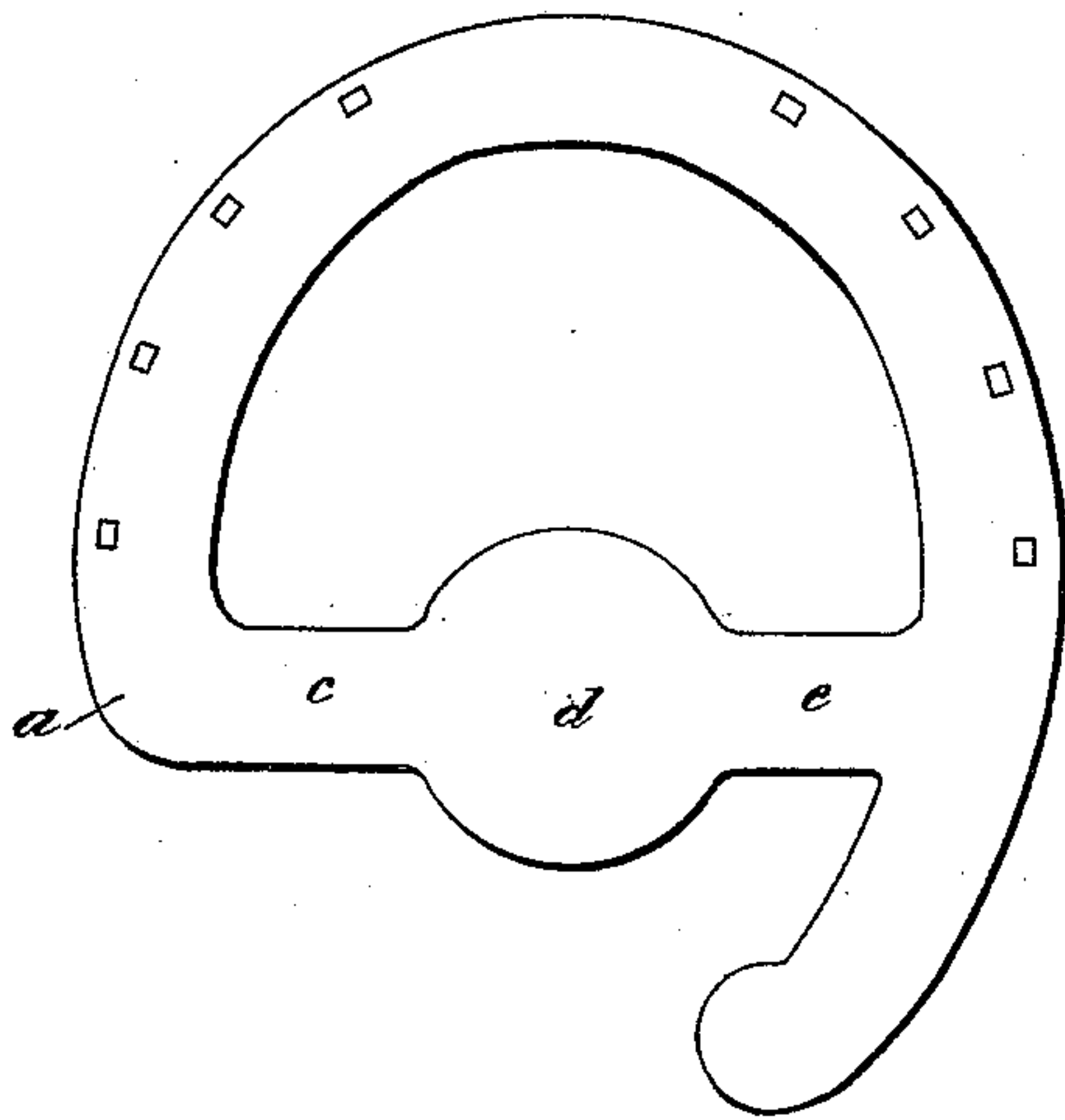
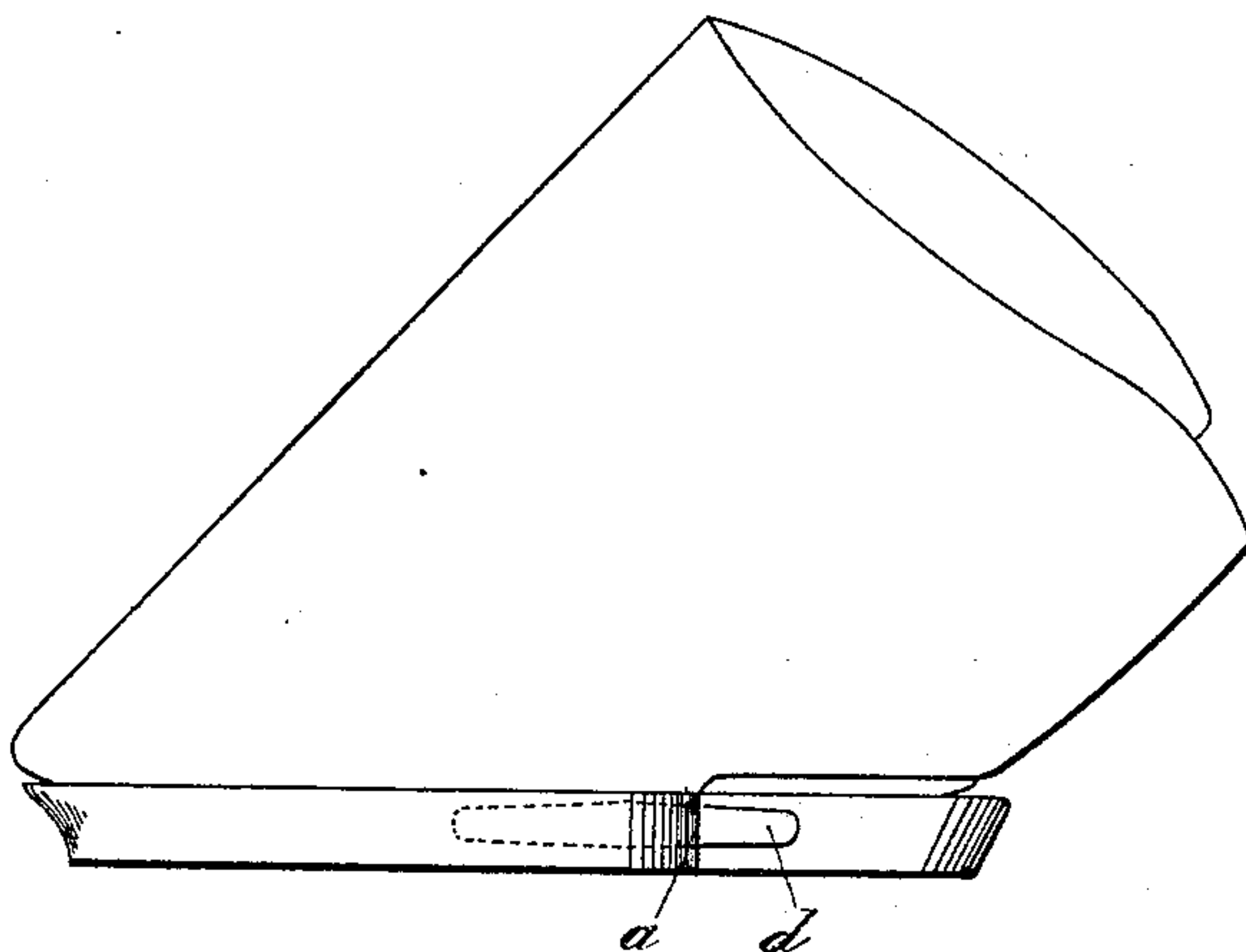


Fig 2



WITNESSES.

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# UNITED STATES PATENT OFFICE.

GEORGE T. CHAPMAN, OF WHITE PLAINS, ASSIGNOR OF ONE-HALF TO  
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## HORSESHOE.

SPECIFICATION forming part of Letters Patent No. 434,821, dated August 19, 1890.

Application filed May 1, 1889. Serial No. 309,150. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE T. CHAPMAN, a citizen of the United States, and a resident of White Plains, in the county of Westchester and State of New York, have invented new and useful Improvements in Horseshoes, of which the following is a specification.

My invention consists of an improved form of shoe designed to facilitate the recovery of normal shape in hoofs having one hind quarter higher than the other, which often occurs by defective shoeing and other causes, and having an attachment to such shoes of a guard for the protection of the soles of hoofs which are often made tender and sensitive in the locality of the toe of the frog by reducing the thickness of the sole, which is the common practice to facilitate the recovery of such higher hind-quarter deformity, as hereinafter fully described; reference being made to the accompanying drawings, in which—

Figure 1 is a plan view of my improved shoe adapted both for the high-heel quarter and the tender sole, and Fig. 2 is a side elevation of the shoe and a hoof to which the shoe is attached.

It often happens that through carelessness of the shoer in not paring the heel alike on both sides—one of the quarters not having as much taken off in two or three shoeings as it should have—that side or quarter is forced upward, or, rather, the proper growth downward is prevented, owing to the greater retarding thrusts in that locality by the greater length of hoof below, until deformity and lameness result. This is best treated by shoeing for a time so that the quarter will have no bearing on the shoe underneath, the bearing being for the time on the rest of the hoof, only so that the high quarter is free to be forced downward to its normal position by the pressure of use. If the quarter is pared shorter than the rest and a shoe of common form is used, the part of the shoe under the quarter so pared soon bends up to and so that the quarter bears on it, and such device fails to accomplish the purpose.

My improvement of the shoe for hoofs having the high-heel quarter consists of the bar

of the shoe for that side of the hoof made correspondingly shorter than the full length, as shown at *a*, so that from the point where the deformity of the hoof begins there is no bar under the hoof, and the higher part, being unsupported by the shoe, is free to be forced down to the natural condition by the thrusts of the weight above in use.

Another advantage of the shorter bar is that the collection of gravel-stones in the space between the shoe and the hoof which occurs when the bar is extended beyond the bearing-point and the hoof is pared short, and which is injurious to the hoof, is avoided.

I make these shoes with an arm *c* projecting inward from the end of the short bar and terminating in a central support, and protecting-plate *d* for the toe of the frog or central part of the hoof, which it is sometimes necessary to pare very thin in such foot to facilitate the desired change, which makes them tender for a time and liable to injury on hard pavement. The support *d* may also be connected to the other bar of the shoe by an arm *e*, if desired; but generally the arm *c* will be sufficient.

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

1. A shoe having on one side a short bar for deficient heel-quarters, the said short bar having an inwardly-projecting arm terminating in a protecting-guard for the central part of the hoof, substantially as described.

2. A shoe having on one side a short bar for deficient heel-quarters, the said bar having an inwardly-projecting arm terminating in a guard for protecting the central part of the hoof, and said guard connecting by another arm with the opposite bar of the shoe, substantially as described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 26th day of April, 1889.

GEO. T. CHAPMAN.

Witnesses:

W. J. MORGAN,  
A. P. THAYER.