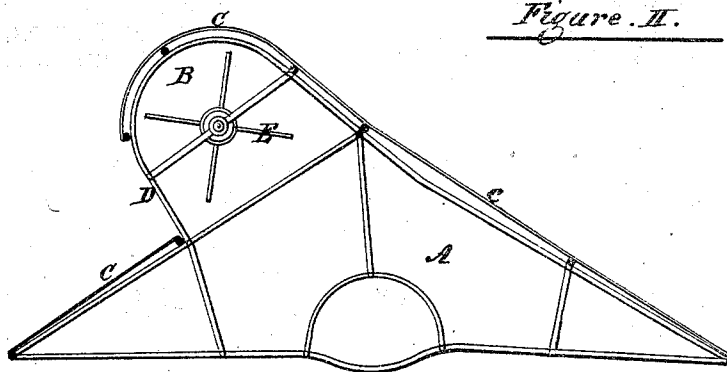
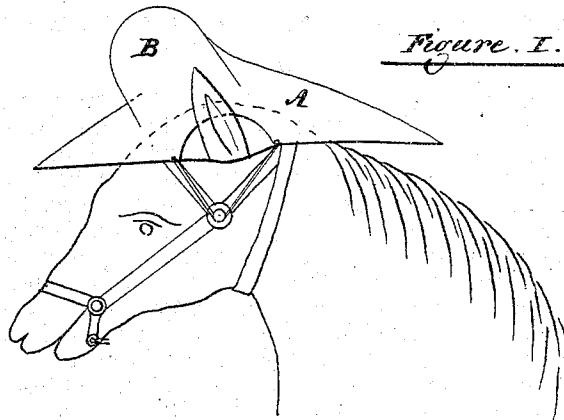


HUGH D. MCGOVERN.

Sun Shield for Horses.

No. 120,208.

Patented Oct. 24, 1871.



Witnesses.

H. E. Robinson.
A. Christian

Inventor.

Hugh D. McGovern
per Henry E. Glodder
attorney

UNITED STATES PATENT OFFICE.

HUGH D. McGOVERN, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN SUN-SHIELDS FOR HORSES.

Specification forming part of Letters Patent No. 120,208, dated October 24, 1871.

To all whom it may concern:

Be it known that I, HUGH D. McGOVERN, of Brooklyn, Kings county, State of New York, have invented certain Improvements in Sun-Shields for Horses, of which the following is a specification:

The nature of my improvement consists in the arrangement of a cap or elevated part on the top of the shield, into which a fan-wheel may be placed, by means of which a current of air is made to pass through an opening or large aperture in the front of said cap or elevated part upon the head of the horse, to render the same cool and comfortable while exposed to the heat of the sun.

In the accompanying drawing, Figure I represents my improved shield placed on top of a horse's head. Fig. II is a longitudinal section of the same.

A represents the shield fastened on the top of the horse's head so as to cover that part of the head most quickly affected by the heat of the sun. B is a longitudinal half-circular cap or elevated part arranged on the top of the shield a

little forward of its central part. The shield A and this cap B are made of a light frame-work of wire and covered with suitable cloth, C, except at the front D of the cap, where a large aperture is left for the admission of air. Into the cap B a self-revolving fan, E, may be placed, turning in suitable bearings, which, through the action of the entering air, as well as through the motion of the horse, is made to revolve, throwing a current of air upon the poll or upper portion of the horse's head to keep the same cool and protected from the heat of the sun.

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

The shield or horse-bonnet A, provided with an elevated part or cap, B, having a large open aperture, D, on the front, in combination with a fan-wheel, E, placed in the cap B, substantially as and for the purpose described.

HUGH D. McGOVERN.

Witnesses:

HENRY E. ROEDER,
JAMES J. DeBARRY.

(72)