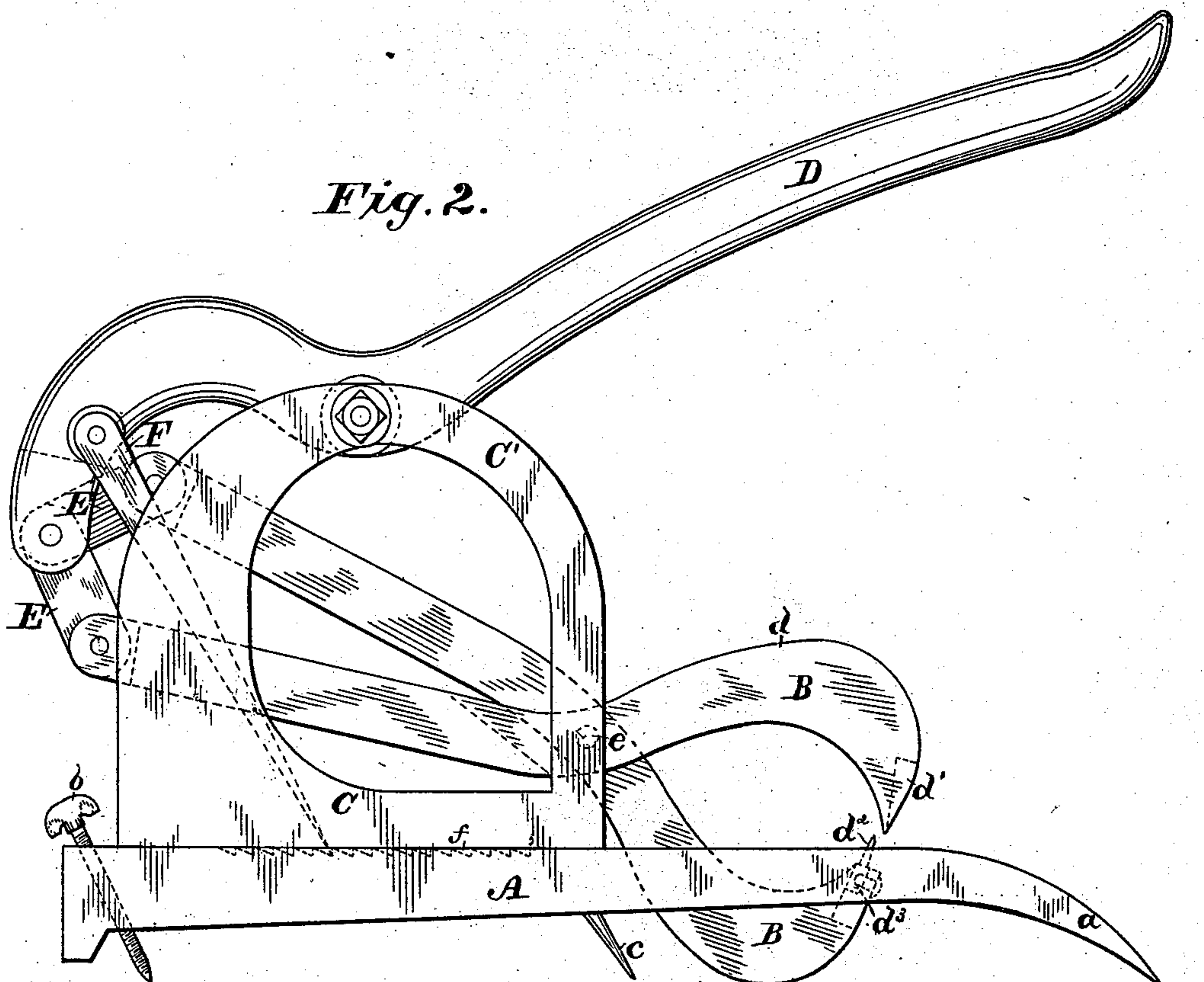
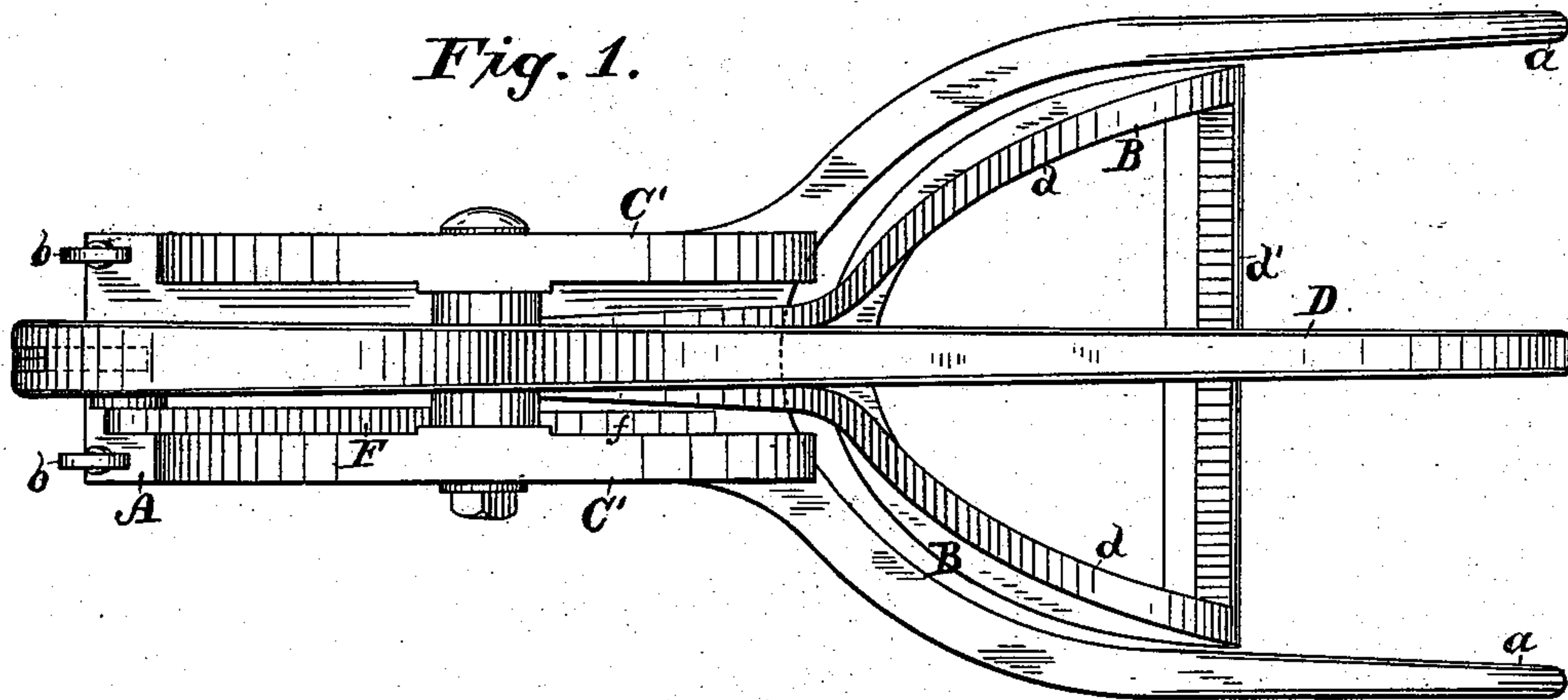


(No Model.)

J. CARTER.
CARPET STRETCHER.

No. 377,847.

Patented Feb. 14, 1888.



WITNESSES

E. A. Newman,
C. M. Newman,

INVENTOR

John Carter,
By his Attorneys
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UNITED STATES PATENT OFFICE.

JOHN CARTER, OF EMPORIA, KANSAS, ASSIGNOR OF ONE-HALF TO THOMAS LEWIS, OF KANSAS CITY, MISSOURI.

CARPET-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 377,847, dated February 14, 1888.

Application filed July 13, 1886. Serial No. 207,952. (No model.)

To all whom it may concern:

Be it known that I, JOHN CARTER, a citizen of the United States, residing at Emporia, Lyon county, Kansas, have invented certain new and
5 useful Improvements in Carpet-Stretchers, of which the following is a specification.

The object of my invention is to provide a strong, durable, and efficient apparatus for stretching carpets and adjusting them to a cor-
10 rect position for attachment to the floor; and my invention consists in certain combinations, defined in my claims.

In the accompanying drawings, illustrating my invention, Figure 1 is a plan view, and
15 Fig. 2 a side elevation, of my improved carpet-stretcher.

The several parts may be made of any suitable material, but are preferably formed of stout iron.

20 The bed-plate A is bifurcated and spread at one end, as shown, to accommodate the gripping-jaws B, and the ends of the arms *a* of the bifurcated end are turned down and sharpened to engage with the floor.

25 The rear end of the bed-plate is provided with set-screws *b*, preferably inclined, as shown, and pointed at their lower ends to engage with the floor. One or more pointed fingers, *c*, may be secured to the bed-plate between its ends,
30 to still further insure a firm engagement with the floor.

On the bed-plate A is mounted a standard, C, preferably consisting of a pair of uprights, C' C', between which the operating-lever D is
35 hinged. The gripping-jaws B are arranged between the arms *a* of the bed-plate and between the uprights C' C'. The upper jaw is formed with a bifurcated head, the arms *d* spreading, as shown, and united at their outer
40 ends by a cross-piece, *d'*. The lower jaw is formed in a similar way, except that it is provided with a series of upwardly-projecting teeth, *d*², adapted to pass into or through the
45 arranged to enter the upper jaw behind the

cross-piece *d'* and in close proximity to it. The teeth may be arranged on a bar, *d*³, removably secured to the cross-piece of the lower jaw. The upper and lower jaws are hinged
together at *e*, and their long arms are con- 50 nected by means of short links E to the short arm of the operating-lever D. The links E are hinged to the ends of the arms of the jaws and to the end of the operating-lever. By this arrangement, when the lever D is depressed, 55 the jaws will first be closed and will then be drawn toward the rear end of the bed-plate, thus stretching the carpet.

A pawl, F, is hinged to the short arm of the lever D, and its lower end engages with a
60 toothed rack, *f*, on the bed-plate A, and serves to hold the carpet in position when it is stretched.

I claim as my invention—

1. The combination of the bifurcated bed- 65 plate, the standard, the gripping-jaws, the operating-lever hinged to the standard, and the links that connect the end of the operating-lever to the gripping-jaws, substantially as set forth.

2. The combination of the bifurcated bed- 70 plate having spreading and downwardly-projecting arms *a*, the set-screws *b* at the rear end of the bed-plate, the uprights C', the operating-lever hinged thereto, the gripping-jaws, 75 and the link-connections between the gripping-jaws and the operating-lever, substantially as set forth.

3. The combination of the bed-plate, the spreading arms *a*, the uprights C', the operat- 80 ing-lever hinged thereto, the gripping-jaws arranged between the uprights C' and connected with the operating-lever, the pawl F, and the toothed rack on the bed-plate, with which the pawl engages, substantially as set forth.

JOHN CARTER.

Witnesses:

O. J. RUSSELL,
E. T. Cox.