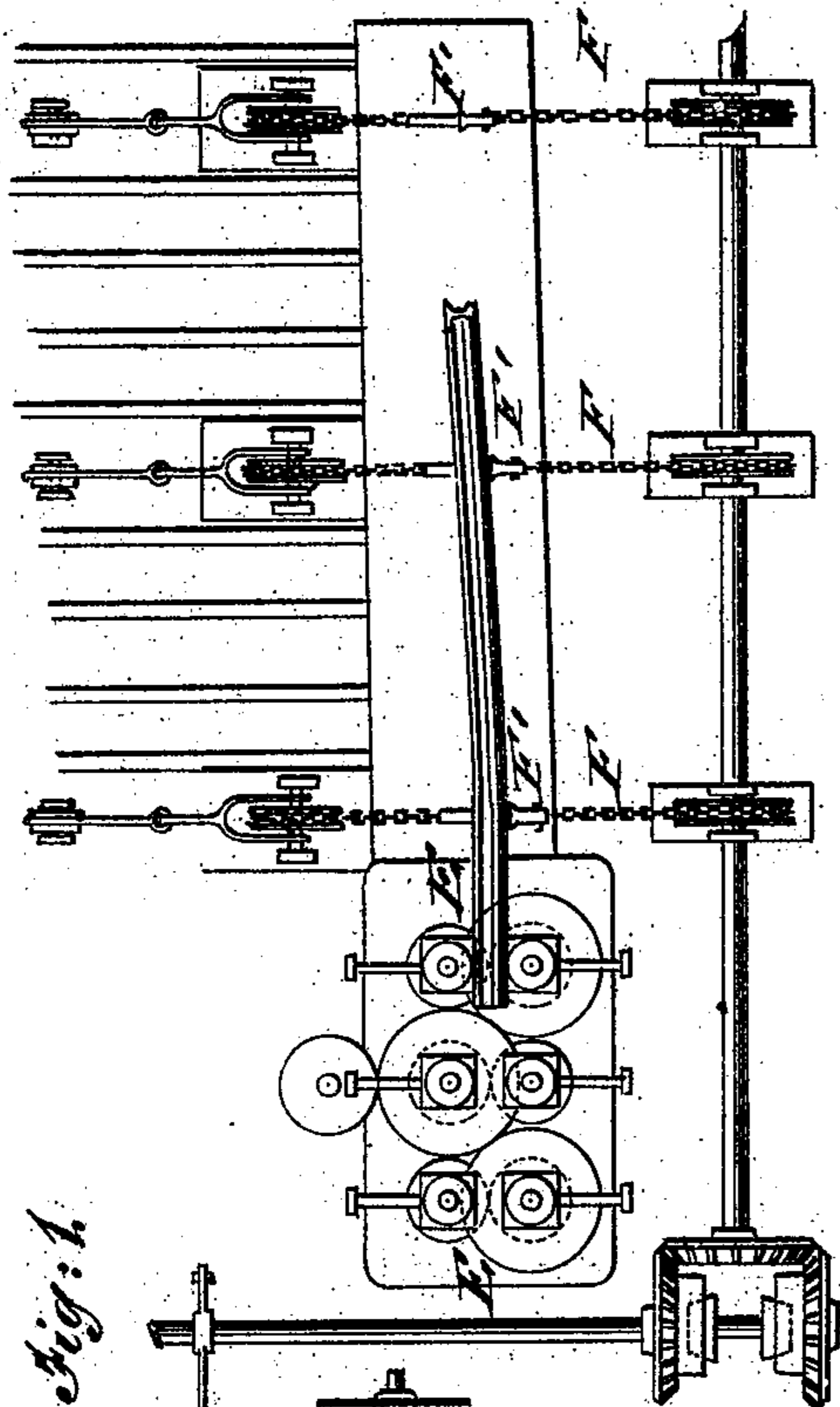


A. J. GUSTIN.

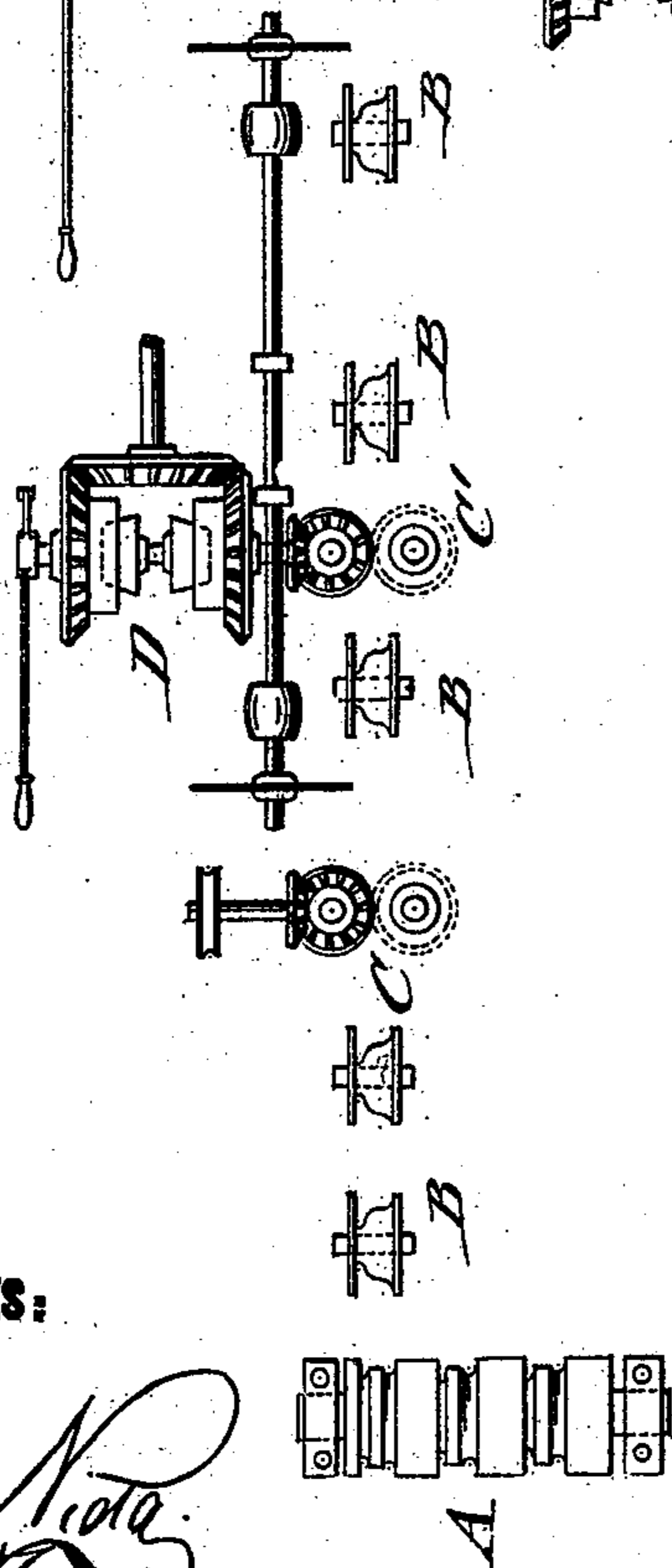
METHOD OF TREATING RAILROAD-RAILS.

No. 172,998.

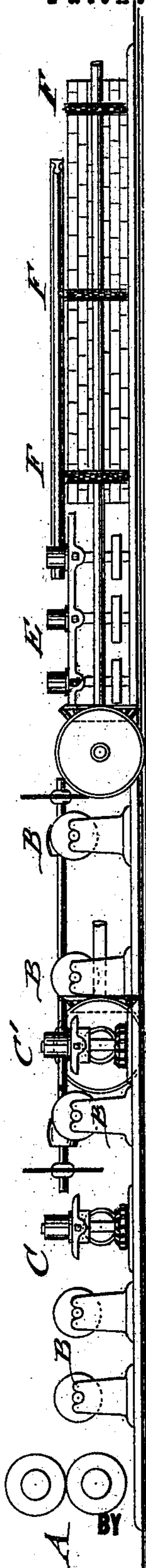
Patented Feb. 1, 1876.



*Fig: 1.*



*Fig: 2.*



*A BY*

WITNESSES:

*Chas. N. ...  
A. J. Gustin*

INVENTOR:

*A. J. Gustin*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

ANDREW J. GUSTIN, OF ST. ALBANS, VERMONT.

## IMPROVEMENT IN METHODS OF TREATING RAILROAD-RAILS.

Specification forming part of Letters Patent No. **172,998**, dated February 1, 1876; application filed September 25, 1875.

*To all whom it may concern:*

Be it known that I, ANDREW J. GUSTIN, of St. Albans, in the county of Franklin and State of Vermont, have invented a new and Improved Method of Treating Railroad-Rails, of which the following is a specification:

The invention will first be described in connection with drawing, and then pointed out in the claim.

In the accompanying drawing, Figure 1 represents a plan view, and Fig. 2 a side elevation, of my improved mechanism for treating rails.

Similar letters of reference indicate corresponding parts.

A represents the finishing-rolls, from which the rail is conveyed over common carrier-rolls B to the saws. A set of revolving gage-rolls, C, takes up the rail and moves the same to a second set of gage-rolls, C'.

The saws are applied in the customary manner, and the rail is then conveyed to a series

of bending-rollers, E, of which the middle set is capable of being adjusted slightly out of line with the outer sets, for imparting such a degree of curvature to the rail that the straightening of the rail on cooling is produced. The rail is passed, by the revolving bending-rollers E, to three or more endless chains, F, with rail-grappling shoes F'.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

For the purpose of imparting the proper camber to a heated railroad-rail to compensate for unequal shrinkage of the metal while becoming cold, I claim the combination of three pairs of plain rolls, the middle one being adjustable and placed slightly out of line with the others, substantially as described.

ANDREW J. GUSTIN.

Witnesses:

PAUL GOEPEL,  
T. B. MOSHER.