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(Illustrated articles are marked with an asterisk.)

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For the Week Ending November 26, 1887.

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Table listing sections I through IX, including 'ASTRONOMY', 'BOTANY', 'CHEMISTRY', 'ENGINEERING', 'MISCELLANEOUS', 'NAVAL ENGINEERING', 'PHYSIOLOGY AND HYGIENE', 'PHOTOGRAPHY', and 'TECHNOLOGY'.

THE SIEMENS REGENERATIVE FURNACE PATENT IN THE SUPREME COURT.

A suit was brought by the Siemens Brothers against William Sellers and others, of Philadelphia, for infringement of this famous patent. The defense hinged upon the limitation of the American patent by the lapse of a period of seventeen years since the date of an English patent of prior granting.

Now that the Supreme Court has disposed of this and the driven well suit, the ground is clear for the rendering of their opinion in the great telephone suits. It is now eagerly watched for, and is expected every Monday.

THE DRIVEN WELL PATENT INVALID.

Some months ago, the United States Supreme Court rendered a decision in one of the famous driven well suits, in which the reissued patent granted to Nelson W. Green was declared a good and valid patent.

The decision, which was rendered on the 14th inst., is based on the record in a case, Nelson W. Green et al. against George Honey, which was originally brought in the Southern District of Iowa.

ROADSIDE PLANTING.

The subject of securing shade for roads by planting trees at their sides has within a few years been receiving considerable attention in Europe. In Belgium especially the work has been taken up with much interest, and the economic results ascertained.

At the Manchester meeting, in the present year, of the British Association for the Advancement of Science, the subject of forestry was discussed, and tree culture was strongly recommended to the English farmers.

Transfers for Zinc Etching.

A new method of preparing transfers for the zinc etching process has lately been introduced by Jaffe and Albert, of Vienna. With the usual method of making transfers in greasy ink, it happens sometimes, in transferring the developed greasy image to the zinc plate, that the lines or dots of the image will be crushed and become broader.

der consisting of a mixture of asphaltum, colophony, and wax, then the whites of the paper are freed from any adhering powder with the aid of a pad of cotton, and an alum solution is applied, in order to tan the gelatine on the paper, so that it may become hard, and not give way afterward in the transferring process.

Professor Tyndall on Lightning Conductors.

Prof. Tyndall, writing to the London Times, says: "Your recent remarks on thunderstorms and their effects induce me to submit to you the following facts and considerations. Some years ago a rock lighthouse on the coast of Ireland was struck and damaged by lightning.

The Peppermint Crop Abundant.

Wayne County, N. Y., is noted for its great growth of peppermint, and this year the crop is very large, it being estimated by a correspondent of the Graphic that it will yield over 200,000 pounds of oil.

The harvest begins usually in the last of August. The plant is cut, like clover, with a cradle, raked into cocks, when it is allowed to wilt a little before it is taken to the distillery.

SOUTH OF ENGLAND TELEPHONE COMPANY.—The directors of this company have declared a dividend of 6 per cent per annum on the preference shares for the half year ended 31st October.