THE DISPATCH



many satisfied users as the DAISY.

The barrel of the DAISY is made of seasoned oak, will not chip or break, keeps sweet and clean, runs on steel ball-bearings, fitted with breakers and easily detachable. The cream frame is steel, securely braced, and has combinhand and foot drive.

The DAISY CHURN is sold only by

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The Story of a Big Tree (Harpers Weekly)

A member of the faculty of Leland Stan ford University, in California, who is an au. thority on systematic botany, has gathered some interesting data concerning the life history of a big tree there, belonging to the sequoia gigantea family, a kind of tree found nowhere but in the Pacific States. The tree, in question, faccording to the authority mentioned, was fifteen feet in diameter, five feet from the ground, and was 270 feet high, and its age was placed at 2,171 years.

When felled this tree showed an enormous surface burn on one side 30 feet in height, and occupying some 18 feet of the circumference. This was ascertained to have been due to a fire that occured in the year A D 1797. When cut the tree had already occcupied itself for something over one hundred |years in its efforts to repair this injury, its method being the ingrowing of the new tissues from each margin of the great black wound. When the tree was cut "the records of three

ence during the second century before the Christian era. During the first year of our era it was about four feet in diametar about the base. When a little over five hundred years old, about the year A D 245, there occurred a burning on its trunk three feet wide. One hundred and five years were consumed in covering this wound with new tissure. For something like 1,196 years no further injuries were registered.

W. P. GRANT, ales Agent, ^{89 Prince William} Street

When, in A D 1441, the tree had attained the age of 1,712 years, there came a second blg bnrn-in two long grooves, one and two feet wide, respectively. Each had its own system of repair.

Then came 139 years of growth, including the time consumed by covering the wounds. During the year 1580, when the tree was 1,951 years old, there occurred still another fire, this time resulting in a burn on the ttunk two feet in width. Fifty-six years were required to cover this with new tissue. Two hundred and seventeen years of

tree is about as follows :- It began its exist. 1797, it was the victim of a tremendous fire, resulting in the great eighteen-foot-wide scar One hundred and three years, between 1797 and 1900, enabled the tree to reduce the exposed area of the burn to about fourteen feet in width,

St. John, N. B.

In each of the three older burns there was a thin cavity occupied by the charcoal or burned surface, but the wounds were finally covered, and the new tissue above was full, even continuous, and showed no signs of distortion or of the old wound.



