

# PLANTING TREES AND FLOWERS

The Younger Generation Should Be Trained to Take a Practical Interest in Arboriculture and Gardening.

By BYRON WILLIAMS.  
THREE hundred and thirty (300) trees were planted in one great American city alone last Arbor day.

Did you plant your tree on that day? Mother, did your boy or girl plant his or her tree Arbor day? If not let's talk about it.

In the beginning America needs trees to take the places of the millions and millions of feet of lumber we have cut. It needs trees for the future generations, but it needs trees for other reasons—for health reasons, for moisture reasons, for floral reasons.

**Reciprocity Nature's Law.**  
Life is co-operative. We help each other. For the most part all things are necessary to the happiness and the existence of everything else. Trees have a certain influence upon the air, giving us, the animals, certain elemental things we need. We in turn do the same thing for the trees. Why, then, should we not preserve each other? And, inasmuch as so many of us in the tree form have been killed, why should we not replenish the forest for the future men and women?

And the men and women of the great tomorrow must have wood. The age to come may be the cement age, but cement cannot be used in everything. Wood still will have its place in the world and, as a thing of commerce must still be valuable. Let us plant, then, for posterity, for the boys and girls of our boys and girls and infants.

**Trees For Beauty.**  
And let us plant trees with an eye for the beautiful and the appropriate, for decorating our yards and shading our homes. Sunlight is a very necessary thing, but shade in the hot months is indispensable. Let us then plant unobtrusive shade where we may enjoy ourselves and be comfortable. Let us plant trees to break the rude blasts of winter and to mark the boundaries of our land, but most of all, mothers, let us plant trees for the



FLOWERS FROM HER GARDEN.

moral betterment, the improvement that comes to every man, woman and child in caring for something, in watching something come to life and thrive, grow strong and mature.  
The health officer of a great city told me as I sat before him at a banquet of the moral improvement wrought in the tenement districts of the city by the planting of flowers and the growing of gardens. For the last few years several big cities have been interested in getting their poor to cultivate the soil. Benevolent people have given the use of vacant lots free to those who would till them, to those who would plant flowers and vegetables and by so doing get close to the soil, which means close to God.

**Making Better Citizens.**  
If planting vegetable seeds and growing flowers will make ignorant foreigners better, cleaner citizens, what will it not do for your boy? Now, don't think a boy must work in the garden when he wants to go fishing; don't drive him there. Entice him. Brag about his garden, compare it with the other gardens in the neighborhood, make gardening a pleasure instead of a task. Don't talk about working in the garden, but rather refer to it as pleasure in the garden. Get a spirit of fun and rivalry into the garden patch. Incubate this in the heart of Willie and watch him improve.

**The Call of the Wild.**  
And in after years this same bent, nurtured in him from childhood, may take him away from the workaday drudgery of a city office to the broad, hopeful acres of freedom and a simple life. This today is greatly to be desired. There are too many people in the cities, mere existing clingers on, and too few in the country districts, where fresh air and honest toil make men stronger and better and cleaner.  
Teach your boy to plant a tree and let sister help.

## PATENT OWNERS' RIGHTS.

Much More Curtailed Than Holders of Other Property.

Like the owner of any other property, the patent owner "cannot be compelled to part with his own except on inducements to his liking." Like the owner of unimproved real estate, the patent owner may decline to use his invention or to allow others to use it. Like real estate owners who prefer to continue owners, the patent owner may reserve to himself the right to ownership and sale and, by lease or otherwise, simply dispose of part of the right to use the property. Like every real estate owner that is a landlord, the patent owner may require that his property be used only under certain specified conditions and with certain specified accessories. The rights of the patent owner are neither greater nor more unusual than the familiar rights of the real estate owners or other property owners.

Indeed, the patent owner's rights are vastly curtailed as compared with the rights of other property owners. In that the owners of every other form of property may exercise their rights above described for so long a period as they and their successors may desire, while the patent owner may exercise none of his rights beyond the duration of his patent and at the expiration of the statutory period of seventeen years must relinquish to the public all of his rights.—Engineering Magazine.

## TUNGSTEN NOT NEW.

Metal Known to Chemists More Than a Century Ago.

While the metal tungsten has been used only during the last few years as a material for making incandescent lamp filaments, it has long been known by chemists, says Popular Mechanics. Indeed, it is practically as old as this republic of ours, for it was in 1781 that Joseph and Fausto d'Ehujar discussed the properties of tungsten in a Spanish treatise.

Even at that time they recognized its unusual density and hence unusual weight, which makes the name tungsten, given to it by their contemporary, the Swedish chemist Scheele, and meaning heavy stone, so appropriate.

For instance, a bar of tungsten will weigh about two and a half times as much as a bar of iron or steel of the same size. This implies that the particles composing the metal tungsten must be packed much more closely together than those forming iron or steel. Is it a wonder then that the addition of tungsten to steel makes it harder and more tenacious, so as to adapt it to tools for use at higher speeds? This so-called "tungsten steel" was first made in Germany fifty years ago and embodied the chief use of tungsten until the latter proved itself to be the most suitable of all known materials for making lamp filaments of high efficiency.

**Machine to Stop Hailstorms.**  
Assuming that electricity in the clouds is the sole cause of the production of hail, experiments are being made in France with apparatus designated as "electric niagaras" to "drain" the cloud of electricity.

In installing the apparatus huge copper points, bound together with bands of the same metal, are placed on the summit of a high tower or chimney, very much in the same way as lightning rods. These are connected, says Popular Mechanics, with a copper band, which leads to the ground and ends in a reservoir filled with water. By this route the atmospheric electricity flows down into the earth. The first sudden charge is replaced by a permanent one, which empties the clouds, so to speak.

**Cold Water Annealing.**  
The following method of cold water annealing has proved to be highly successful on common grades of steel: Heat the steel to a dull red and then, holding it in a dark piece until the red disappears, dip it in cold water. It can then be easily machined or filed. Another way of testing the "dipping" heat is to allow the piece to cool gradually, at the same time rubbing the steel with a piece of dry white pine. When it is nearly cool enough to dip, small particles of charred wood will rise off, stick to the steel and glow momentarily. When this action ceases dip the steel.

**Exploration of Nova Zembla.**  
Three Russian exploring expeditions visited Nova Zembla during the summer of 1911, chiefly with a view to discovering mineral deposits. One party made a complete circumnavigation of the southern island in a motorboat, landed at many points and carried out geological investigations. On the south coast were found the remains of a Russian settlement, the inhabitants of which probably succumbed to scurvy a century or more ago. Some traces of copper and naphtha were discovered.

**A Mighty Flatiron.**  
What undoubtedly is the largest electric flatiron in the world weighs fifty pounds and is used by a Broadway tailor, New York city. This sounds as if it were picked up by Gulliver on his tour in Brobdingnag, for it is so large that no man can use it. So that it may be operated it is hooked up to a machine, which raises, lowers and helps swing it.

**Burglar Proof Mail Box.**  
A mail box has been invented which will sound a bell whenever the postman puts mail into it. An alarm is also operated when the box is tampered with. It is operated by electric batteries.

## AGED WOMAN IS LEADER IN FIGHT

MRS. MATT MITCHELL, OF COVE, IS UNAFRAID.

Union County Lady Works Vigorously to Down "Wolf in Sheep's Garb"—Single Tax Disliked.

Although an old woman, Mrs. Matt Mitchell, who lives at Cove, Oregon, says she is never afraid to work when the cause is good.

Mrs. Mitchell's home in Union County, she says, is one of those threatened by the Single Taxers with their Single Tax propaganda. Aroused by the efforts of what she describes as "U'Ren and his ilk" and their "false trash," Mrs. Mitchell has gone into the field herself.

### Modern Joan of Arc.

Like a modern but aged Joan of Arc, this old lady organized them against Single Tax. At her own expense she received books on the subject of the fight against Single Tax and she distributed 200 of these herself over the great county in which she lives.

"It is people who own no real estate," said Mrs. Mitchell, the other day, "who are in favor of Single Tax, also the ignorant class, and those who take no newspaper at all. It is a shame that such men are allowed to vote at all on anything pertaining to taxation, while thousands of intelligent people, who are heavy taxpayers, must have their homes taxed away from them by such ignorant persons."

### Whole Section in Arms.

"Union County is one of the counties selected by that 'wolf in sheep's clothing' U'Ren, so we will all have to help in the fight. I am an old woman, but not too old to work in a good cause."

Mrs. Mitchell says that the whole of her section is up in arms. Every property owner in Eastern Oregon, from the man or woman who owns a small lot to the wheat farmer, is fighting what is known to be a confederation of their homes, declares this old woman fighter for the "common good."

### Ballot Numbers Told.

Mrs. Mitchell, despite her years, worked ardently in the campaign against Single Tax. She circulated petitions, distributed 200 books, circulated cards and gave her time freely. In addition, she expended her own money in the fight.

And when a person is willing to spend real money in a fight for a vital principle it must be conceded there is real enthusiasm for what she knows to be right.

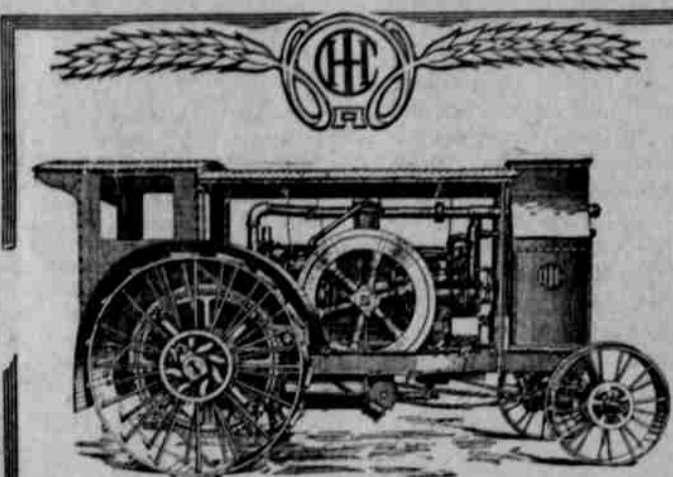
The ballot numbers which will bar Single Tax from Oregon are 204, 205 and 208.

## ATWELL DISLIKES SINGLE TAX.

H. C. Atwell, president of the Oregon State Horticultural Society, who lives at Forest Grove, declares that he is bitterly opposed to the Single Tax propaganda. "I shall be glad to talk against Single Tax whenever I have the opportunity," commented President Atwell. Mr. Atwell is one of the most prominent farmers in the State of Oregon and his views are considered valuable by many Oregonians.

## TEAMSTER DOES GOOD WORK.

Traveling the whole extent of the country north of the John Day River, C. W. Bonham is making an ardent volunteer fight against what he feels to be the doctrines of Single Tax. Mr. Bonham makes his headquarters at Canyon City, Ore. "Although I don't get my mail regularly," said Mr. Bonham, "I am doing all I can in the good work. My friend, Phil Metchan, can tell you of the extent of the country over which I travel." Mr. Bonham distributed over 200 copies of "Single Tax Exposed," a work by Charles H. Shields, secretary of the Oregon Equal Taxation League. This book should be read by every voter in the State of Oregon. It proves conclusively that Single Tax is not a system of taxation at all, but a means to destroy private ownership of land.



## Put Your Farm on a Business Basis

YOU may be spending much more than is necessary for power to do your plowing, seeding, harrowing, cultivating, harvesting, threshing, silage cutting, hauling, etc., etc. An IHC kerosene-gasoline tractor reduces the cost of plowing from about \$1.25 an acre with horses, to less than half that amount. A like proportion of saving can be made by using an IHC tractor for the other operations.

## An IHC Kerosene-Gasoline Tractor

can be used for so many different kinds of work that you will find almost constant use for it on your farm. It furnishes the cheapest and handiest form of power for belt and draw-bar work.

An IHC tractor is simple and therefore easy to manage. It carries its own supply of fuel. It is clean and safe, making neither smoke, soot, nor sparks. There is no limit to its working hours. All bearings are protected from flying dirt, sand and grit. There are no rapidly moving parts to be quickly worn out. IHC tractors are built in 12, 15, 20, 25, and 45-horse power sizes. IHC engines for general purposes on the farm or in mill, shop, and factory are made in sizes from 1 to 50-horse power. The complete IHC engine line includes the tractors and also horizontal and vertical engines; air and water-cooled; stationary, portable and mounted on skids; built to operate on gas, gasoline, kerosene, naphtha, distillate, and alcohol. The IHC local dealer will give you catalogues and full information, or, write

## International Harvester Company of America

(Incorporated) Portland Ore.

IHC Service Bureau  
The purpose of this Bureau is to furnish, free of charge to all, the best information obtainable on better farming. If you have any worthy questions concerning soils, crops, land drainage, irrigation, fertilizers, etc., make your inquiries specific and send them to IHC Service Bureau, Harvester Building, Chicago, U.S.A.



## Don't Forget The Cash Grocery

These hot days when you want something good to eat.  
Geo. Whiteis, Prop.



This full size OAK DESK, like cut  
**\$12.95**  
Cash with order, you to pay the freight from Chicago. This price is lower than Sears, Roebuck or any other catalogue house.

## A. H. Lippman & Co.

I am a power for great good if you do not abuse my use.  
In cases of need---I do my work well.  
I am a builder up of health and strength---in the hospital or in the home.  
For the invalid or the convalescent---for the tired or over-worked I offer a great help.  
A little of me goes a long way.  
I have been among you for three generations.

I'm known as Cyrus Noble throughout the world.  
W. J. Van Schuyver & Company, Agents, Portland.

**\$500 Reward.**  
The Mill Creek Livestock Association of Crook County offers a reward of \$500 for the arrest and conviction of any person or persons stealing, or killing cattle or horses belonging to any member of this association.  
5-23-12 RAYMOND CALEVAN, secretary-treas.

**O.O.O. NEST NO. 1588**  
Order of Owls, meet the second and fourth Thursdays in each month at Belknap hall. All migratory owls cordially welcome. T. E. J. Duffy, President; Willard H. Wirtz, Secretary. 1-41

**Notice for Publication.**  
Department of the Interior, U.S. Land Office at The Dalles, Oregon, August 12, 1912.  
Notice is hereby given that Thomas Long, of Post, Oregon, who, on July 28th, 1907, made Homestead Entry No. 94189, for 20 1/2 acs., sec. 18, T. 28N., R. 20E., sec. 10, Township 16 South, Range 19 East, Willamette Meridian, has filed notice of intention to make five-year proof, to establish claim to the land above described, before Warren Brown, county clerk, at his office at Prineville, Oregon, on the 28th day of September, 1912.  
Claimant names as witnesses: Hiram Sargent, Homer Norton, William Sneed, Otis C. Gray, all of Post, Oregon.  
C. W. MOORE, Register.

**Notice for Publication.**  
Department of the Interior, U.S. Land Office at The Dalles, Oregon, Aug. 15th, 1912.  
Notice is hereby given that Elmo Shepherd, one of the heirs and for the heirs of Fred A. Shepherd, deceased, of Mill City, Oregon, who, on April 5, 1906, made Homestead Entry No. 10266, serial No. 42071, for 20 1/2 acs., sec. 25, Township 20 South, Range 21 East, Willamette Meridian, has filed notice of intention to make five-year proof, to establish claim to the land above described, before Warren Brown, county clerk, at his office at Prineville, Oregon, on the 28th day of September, 1912.  
Claimant names as witnesses: Seth Rodman, Otis Logan, Harry Barnes, Richard R. Rhoda, all of Barnes, Oregon.  
C. W. MOORE, Register.

**Notice of Final Accounting.**  
Notice is hereby given, by the undersigned, the administrator of the estate of Emily E. Reynolds, deceased, that the said administrator has made and filed with the clerk of the county court his final accounting of his administration of said estate, and that the county court has set Monday, the 2nd day of Sept., 1912, at 10 o'clock in the forenoon at the county court room in Prineville, Oregon, as the time and place for hearing and settling said final accounting. At which time and place any person interested in said estate may appear and object to said final accounting.  
Dated this 25th day of July, 1912.  
M. D. POWELL,  
Administrator of the estate of Emily E. Reynolds, deceased.

**Notice for Publication.**  
Department of the Interior, U.S. Land Office at The Dalles, Oregon, August 6, 1912.  
Notice is hereby given that JASE C. ALLEN, of Prineville, Oregon, who, on March 14, 1910, made Homestead Entry No. 60271, for 20 1/2 acs., sec. 18, T. 28N., R. 20E., sec. 10, Township 16 South, Range 19 East, Willamette Meridian, has filed notice of intention to make commutation proof to establish claim to the land above described, before Warren Brown, county clerk, at his office at Prineville, Oregon, on the 16th day of September, 1912.  
Claimant names as witnesses: Glenn Hendrickson, Harry L. VanMeter, Robert Sando, Ernest C. Kimmel, all of Prineville, Oregon.  
C. W. MOORE, Register.

**Citation**  
In the County Court of the State of Oregon, for the County of Crook  
In the matter of the estate of George W. Barnes, deceased—Citation.  
To Arizona Barnes, Mattie E. Nickelson, Sue Helms, William H. Barnes, Bert D. Barnes, Arthur Barnes and Valda Coon, and to all heirs unknown, greeting:  
In the name of the State of Oregon, you are hereby cited and required to appear in the County Court of the State of Oregon, for the County of Crook, at the Court Room thereof, at Prineville, in the County of Crook, on Monday the 7th day of October, 1912, at 11 o'clock in the forenoon of that day, then and there to show cause why an order should not be granted to the said administrator to sell the real estate of said decedent, described as follows, to-wit: Lots Nos. two (2) and three (3), Block eighth (8) of Monroe Hodges original plat of the town of Prineville, County of Crook, State of Oregon.  
Witness, the Hon. H. C. Ellis, Judge of the County Court of the State of Oregon for the County of Crook, with the seal of said Court affixed, this 10th day of August, A. D., 1912.  
[SEAL] Attest:  
S 15 WARREN BROWN, Clerk.