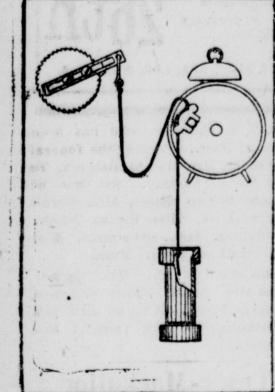
"The Dispatch" Office

CLOCK OPERATES VALVES

Time Mechanism Opens There and Operates Switches, Etc.

A time mechanism for the operation of valves, switches and the like has



CLOCK RELEASES WEIGHT.

been invented. A notched wheel is attached to the object to be operated and a lever is pivoted to this wheel. The lever is in two parts, slidably connected so that the length may be varied as required. A cord attached to the free end of the lever has a weight at its other end. This cord is lightly wound around the key of an ajarm clock and suspends the weight on the latter. When the alarm goes off the key revolves and throws to grop and exert a downward pull on the lever. This in turn operates the haddhanism which opens the valve, or switch, or whatever is to be opened. The vame principle can be applied to • furnace door.

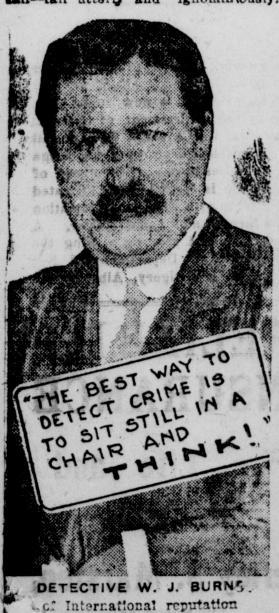
BURNS DISCOURSES ON DETECTIVE ART

The Well Known Detective Says That Honesty at the Bottom of Success

Take in Cut ... "Be honest, boys!"

Willam J. Burns shot out these words, and banged his two fists down hard on the table.

It was ,'Burns the detective." "Be hones.-just honest-and that's about all there is to this whole game. Any boy at all who is honest, really honest by nature, can become a successfuldetective," he added, "if he possesses average keenness of intellect and a trained mind. But with every other quality, if honesty be lacking, he will cail-fail utterly and ignominiously.



I A man who is not honest with

others-who is a 'crook' by naturecannot be honest with himself either," Burns declared. "And unless a man is honest with himself, he can't trail a sand-piper along a wet beach! For be will pretend, even to himself, that he is traveling the right route, though not really sure in his heart of hearts that he is!

"And why?"

"Because it is easier.

"Dirhonesty always seeks the easy

"The entire status of the detective is undergoing, a great change," Burns went on. "It is coming at last into it own. It 's the kind of a business that young men are going to be proud to be in in the future, although in the past it has been left too much to

"I have just taken into my force now several young college graduates. they are learning to be skilled delectives. They find the work fascinating, and besides it appeals to them se service to humanity.

"Whenever I look over a young man as a possible detective, I look for sly characteristics. They are:

Honesty.

Resourcefulness.

Observation.

Imagination.

Analytical power. Perseverance.

"With these qualities any young man can be trained to be a sleuth of the first water.

"A detective uses no uncanny methods for ferreting out criminals. off the cord, which allows the weight He is only human, after all, you know, and can only call into the quest the common tools of humanity. All he can do is to concentrate and develop to their utmost the six powers I have

"The best way to detect crime is to sit still in a chair and think. In a given case the thing to do is to muster all known facts before you consider them carefully, analyze them and then formulate a theory on these facts.

"And that is where the collegetrained mind comes in. It has been taught to make logical deductions.

"After the detective has sat on the seat of his swivel chair in his home outce and thought and thought long and hard, as any business man would think, then he goes out to test this

"Just as often as the facts seem to change, just so often must the theory change, so as to make it always fit the facts."

Automobile Veil

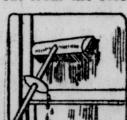
A Massachusetts woman has patented a veil for members of her sex who ride in automobiles that can be adjusted instantly.

So perfectly are artificial rubies made by chemists that Paris pawnbroker refuse to take any chances with genuine ones.

An English city is experimenting with granular calcium chloride to combat dusty roadways, applying about balf a pound to the square yard.

Window Washing

Windows must be washed and there is nothing quite so chilling as the water that runs down from the window brush when the outside of the panes is being washed in the winter. Let the window washer secure a disk of leather cut from the sole of an old



coe, or a piece of rubber from a tire casing, or anything that is stiff enough to stand out from the broom handle. Make a hole in disk that will permit it to fit tightly around the broom handle and side it up to a point about 10 or 12 inches from the brush. This will deflect the water and keep the remainder of the handle dry.

KNEW HIS RAILWAY AND ALSO HIS MEN

Two Interesting Incidents Show the Grasp J. J. Hill Had of His Own Business

J. J. Hill's close acquaintance with the detail of his railway and the personnel of his men is illustrated by a story told by a New Yorker who once accompanied him on a super-vision trip over the line. The train stopped on a Dakota siding, and Mr. Hill and his friend got out and walked forward to the engine. Hill observed the number and said: "Number 94 let me see, I believe it's Roberts. Hello, Roberts, how is 94 running now? You had her in the shop last month, I remember. What was the matter? Cylinders, wasn't it?"

He shook hands with the engineer and walked on. The man said to the New Yorker who had watched the incident with the utmost amazement: "Did you ever see the like? I was four years on the Rock Island and didn't know the name of the president, and certainly never saw himand here is Mr. I'll, who not only remembers my name and that I'm funning 94, but has kept track of her and recollects when she was in the shop and why. That's the kind of a man to work for.'

On that same trip they ran across a Northern Pacific train flying down a grade with hot-boxes blazing. As the crew began to carry water, Hill drery up and said to a brakeman: Cross-examined; Fired

"What is the number of this train?" When told that it was Number 49, he thought a minute, and then con-

"Let me see Norris-he's conductor, isn't he?" Norris appeared on the scene with

the words: "Here I am-who the devil are you?" Mr. Hill ignored the question and

asked bruskly, "How fast were you coming down that grade?" "About twenty-five miles an hourwhat business is it of yours?"

Again passing over the inquiry, Hill continued his catechism: "Doesn't this road have some rules governing the speed of freights?"

Very Saucy

"Well. I don't know what business it is of yours, but we are supposed to run twelve miles ordinarily and twenty-four miles in emergencies, if

we carry live stock."
"Have you any live stock on board?"

Then the blow fell:

"Norris, my name is Hill. I am president of this road. shown that you know the rules and at the same time have violated them. Take the train into Chinook, turn over discharged."

NEED FORESTRY FARM

"Saskatchewan requires more Forestry Farms. Then there would be at least two lecturers continuously on the road to hold meetings, giving lectures on forestry, shelter-belts, etc. The gospel of tree-planting should be brought to farmers. These lectures could take the names and locations of farmers who are anxious and ready to plant trees, send in the lists to the head office in the province, and inspectors should be sent out to examine each farm, so as to advise farmers where to plant, and how to prepare the ground for the following year's planting. It is all right to expend money on the general Conservation Commission to enthuse citizens the Dominion over on what our natural resources are and how they should e conserved, but the practical workfug end of the problem should not be neglected. Give Saskatchewan forestry farms and practical men to meet progressive farmers, and in a few years the treeless, wind-swept pratries would be changed to a parklike country, with trees on every farm."-Saskatchewan Farmer.

NEED OF ECONOMY

Winnipeg Paper Urges Saving in Domestic and Social Life

The question arises how Canada is going to live through the present ordeal, and the reply is that up to the present extraordinary financing has not caused a ripple on the surface. The entire domestic and social life of the country goes on as though there was no war in Europe and no preparation for military struggle in Canada. It is true that Canada has made a complete new record in its savings in the banks, but it is equally true that it is also making a new record in extravagant domestic expenditure: Far too much money is being wasted and spent by people who cannot afford it. Many prominent business men in Winnipeg have sought ever since the commencement of the war to give an example of economy, and the accounts in the savings banks do indicate that there has been a disposition to save in many quarters. The contemplation of the unprecedented extravagance being practiced by certain elements of the community should lead to still further activity on the part of the more thoughtful and reflecting citizes and to a firther prosecution on the part of the banks of the work of circulating literature inculcating saving and the practice of rigid economy.-Free Press, Winnipeg.

CONTROL BOOK SEE TO SEE TO SEE THE SECOND SEE THE SECOND S

Urge Berlin Not To Ask Too Much

Berlin, via London, Aug. 2.-The announced meetings of the National Committee for Securing an Honorable Peace were held in some forty of the larger cities of Germany last night, but at none of the meetings, so far a. available reports indicate, did the Mod erates give any precise statements con cerning the conditions of peace as they would like to see them.

The speakers usually dwelt on gen eralities, rarely going beyond the Chan cellor's declarations with regard to

Prof. Adolf Harnack was a speaker at the Berlin meeting, which was held in the great Philharmonic Hall. He de livered an academic lecture on the sit uation, but made no surprising state ments regarding the aims of the war which he specified as the thrusting back of Russia from Eastern Europe, where she was an intruder, to the East, where she had her mission, and a termination of the situation on the West, where England was the uncontrolled ruler of the sea and Belgium her vassal.

Prof. Harnack warned his audience against expecting or demanding too much from the results of the war, as Germany must remember the lot of her confederates as well as her own suc

The Berliner Tageblatt has again been suppressed by the military authori ties The resumption of publication by the newspaper several weeks ago was on condition that it refrained from too vigorous disputes with the Conserva



THE NEW BRUNSWICK KILTIE REGIMENT

Battalion Orders Issued on July 25th, 1916

By Lieut. Col. P. A. Guthrie, O. C.

your papers, and consider yourself Outline of Plans for Recruiting. Organizing and Traing Unit

-Funds for Kilts.

PART ... 1 Sub. No.

1. Enlistment .- Owing to the fact that the Barracks in Fredericton, formerly occupied by the Royal Canadian Regiment, and consisting of the Officer's Quarters, Men's Barracks and Park Barracks, having been allotted to and taken over by this Unit, it became necessary to have the same property repaired, cleaned and placed in condit on for the quartering of troops, when the set date for general enlistment ar-

It was therefore deemed necessary to enlist a certain number of men for the above purpose and consequently the non commissioned officers and men appearing in Part 11. Orders of this date were recruited, enlisted and enrolled on the strength of the Battalion, with shall be as they appear in Battalion Or the ranks and from the dates set opposite their names.

2. N.C.O'S Provisional Appointment. -For the information of all concerned, the following extract from "Instructions governing organization and administration C.E.F. Unit's," Page 62. is quoted below:-

"All N.C.O'S appointed to the C.E.F "will hold provisional appointments "only, so that they may be reverted "at any time, when the interests of "the service so require it. They will "not be confirmed in rank until after "the Unit arrives in England,"

3. Routine. - Until further orders, all Officers, N.C.O'S and men on the strength of the Battalion shall be employed in the organization of the Uniand in the repairing, cleaning and making ready of quarters to be occupied by the troops, in accordance with Sub No. 1, under date May 25th 1916.

PART . . . 1 Sub. No.

4. Rations. -Beginning with this 1 c A.S.C. Details, Fredericton, N. B., at 9 A.M. daily, -Regimental Sergeant Major Bayers to arrange details.

5. Barracks. - Authority having been granted for the taking over of all prem ises formerly occupied by the Royal Canadian Regiment in Fredericton, N. B., the same were formally taken on man's magazine.

No. 2 charge by this Unit from Officer i c Army Service Details on the 10th day of July, instant.

6. Office System .- From this date all records, documents and correspondence in connection with this Unit, shall be classified, filed and recorded in accordance with the system in vogue at Militia Headquarters, Ottawa, and in the Military Districts of Canada,-Lieut Frank E. Groves. Assistant Adjutant, to carry this order into effect.

7. Appointments.-To be Provost Sergeant, -Pioneer Sergeant Charles A. Andrews is appointed Provost Ser geant of this Battalion, to date from July 4th instant.

8. Signatures. - The official signat ures of all officers, N. C. O.'s and men ders, on the date on which they are tak en on strength for appointment. These signatures must be adhered to in all of ficial correspondence.

By Order,

Acting Adjuntant 236th O. S. Bat

(The New Brunswick Kilties -- Sif Sam's Own), C. E. F.

Bonnycastle Dale gives some advice on how not to paddle in his article, 'I a Light Canoe will Build Me" in the August issue of Rod and Gun and also some pointers on how to paddle with the least danger of an upset. "Temagami Men" by R. J. Fraser is a tribute to the guides of Temagami, than whom there are "no finer band of men." Rex Snow contributes "Little Incidents among Big Mountains; F. V. Williams "Klir-r-rrikik ik; the well known New Brunswick Guide, Avery More house, writes of a moose with a 52 inch spread secured before breakfast; B. C. date rations will be drawn from Officer Tillett gives some experiences in Spipe Shooting, and various other stories and articles of equal interest precede the re_ gular departments which are replete as usual with information for the lover of gun, rod and dog. W. J. Taylor, Limited, Woodstock, Ont. are the publishers of this representative Canadian sports