Recorder, (denoted the In and Out board). The employe after having registered upon arrival hangs his key upon the In Board and after registering upon departure hangs it upon the Out Board. Thus it can readily be seen if the employe is in or out.

The Chicago Autograph Recorder requires the employe to sign his name on the record sheet; the wrist support upon which he

CHABLES F. CLARK Pres.

JARED CHITTLEDEN, Treas

ESTABLISHED 1819.

### THE BRADSTREET MERCANTILE ACENCY

THE BRADSTREET CUMPANY, Proprietors 346 & 348 Broadway, NEW YORK.

Offices in the principal cities of the United States, Canada, the European Continent, Australia, and in London, England.

The Bradstreet Company is the oldest, and, financially, the strongest organization of its kind-working in one interest and under one management—with wider ramifleations, with more capital invested in the business, and it expends more money every year for the collection and discentination of information than any similar institution in the world. lar institution in the world

TORONTO OFFICES:

McKinnon Bldg., Cor. Jordan & Melinda Sts. THOS. C. IRVING, Superintendent.

rests his hand when writing his name, is thereby lowered, causing the machine to automatically print the time opposite his name, in full view. There is no lever of any kind to turn in order to register, which causes delay and if forgotten produces an orroneous record.

As a result of this simple manner of operating both the Numerical and Autograph Recorders, the Chicago Register Co. guarantee to register twofold more rapidly with them than can be done with any other machine. The material used in their construction is the best of their respective kinds; the clock movement being the Seth Thomas. They are put in on thirty days' trial free of charge.

In the issue of THE CANADIAN MANUFACTURER of October 7th last, in stating some facts regarding this machine it was possible to misconstrue what was said so that the impression might provail that only the "Autograph Recorder" possessed the sight opening feature. This is not the case, however, as both the "Autograph" and the "Numerical" recorders possess this important feature.

Mr. W. C. Bullock, the Toronto agent for these machines, is well and favorably known not only in this city but throughout Ontario, and will no doubt push the sale of these indispensable adjuncts in every workshop and factory most vigorously.

### THE HORSELESS CARRIAGE IN TORONTO.

In another page reference is made to an electric motet that has recently been seen on the streets of Toronto, coincident with which several specimens of Wood's motor

carriages have also been displayed. Regarding the event the Toronto World says:—
"The automobile has already reached as high a degree of perfection as the bicycle had ton years ago, when the pneumatic tire was still unknown. It can safely be predicted that the next decade will do as much for the self-propelled vehicle as the past decade has done for the wheel. As far as general utility goes, we believe the auto-mobile will far surpass the bicycle, revolu-tionary as the latter has been. When the horseless carriage has been in use a few years, the construction of our pavements will assume a new aspect. It will then be-



We started the manufacture of sheet metal building materials, and this long experience enables us to offer intending buildersall that is de-sirable in Steel Roofing, Steel Sid-ings, Steel Ceilings, etc.

### We Prefer

That you purchase through the trade, still if your dealer cannot give the information you desire, or offers a substitute "just as good," write us.

"The Pediar Patent Shingles" are the best, and the best cost no more than the poorest.

Pedlar Metal Roofing Co. OSHAWA, CANADA.



For Heads of 3 Feet to 2000 Feet.

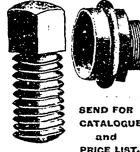
ADAPTED TO MILLING AND ALL POWER PURPOSES.

ADAPTED TO MILLING AND ALL FOWER FOR ADAPTED TO MILLING AND ALL FOWER FOR ADAPTED TO MILLING AND ALL FOWER FOR Direct states the blooke enable us to guarantee:

The Direct Power ever obtained from a wheel of the same diameter. The highest speed era obtained for the same power. The highest mean efficiency ever obtained when running from buff to full gate. We guarantee also: 1 runner of the greatest possible strength. 1 gate vacqualed in quickness and ease of opening and closing.

Write for pamphlet, stating your Head.

JAMES LEFFEL & CO., Springfield, Ohio, U.S.A.











TORONTO. ONT.

Manufacturers of ....

## Machine Screws

OF EVERY DESCRIPTION.

## Reduce Your Fuel Bills Increase Your Output...

BY USING

Guaranteed Increased Economy, from 15 to 50 1 Guaranteed Increased Boiler Capacity from 40 to 100% NO ASHES. NO SMOKE. NO TROUBLE. NO MONEY REQUIRED IF GUARANTEES ARE NOT FULFILLED.

The First and Only Successful Underfeed Stoker.

No Underfeed Stoker is successful without infringing our Fatents, and the public are warned against im-porting or using infringing devices.

N.B. - Have you seen our Underfeed as applied to Houses, School. Charalas, etc. actualor Circular).

For Estimates and other Information write

# The General Engineering Co. Limited

SOLE MANUFACTURERS FOR CANADA. Head Onlice ... 80 CANADA LIFE BUILDING,

- TORONTO. When writing to Advertisers kindly mention THE CANADIAN MANUFACTURER.