## CAIIILAS

## Appreciation and

Enthusiasm
grows greater every day as the season ad-
vances, for this new Cadillac, the first and only car at its price, proving a formidable rival of cars selling at from 50 to 100 per cent. higher. The price of the Model C is made possible only by the unsurpassed facili-
ties and equipment of the largest factory in ties and equipment of the largest factory in
the world devoted exclusively to the production of high-grade motor cars.
Its Guarantee is the
Name Cadillac


MODEL G-FOUR CYLINDER-20 H. P. Without a Peer at the Price $\$ 2,000$

Great hill climbing power-plenty of speed.! Sprightly enough in design to satisfy the whims of the young folks; with the good form that commends it to fashionable family use. Ring type engine governor; smooth, quiet running; sliding gear transmission ; shaft drive direct on high speed; lightness in weight secures utmost tire economy

## Let your

Described in Catalog G-N
Model $\mathbf{H - 3 0} \mathbf{~ h . ~ p . . . ~} 4$ Cylinder Touring Car, $\mathbf{5 2 , 5 0 0}$

Modet $\mathrm{K}-10 \mathrm{~h}$. . ., Runabout,
Catalogue $\mathrm{M}-\mathrm{N}$
Send for satalogue of =ar that interests you
CADILLAC MOTOR CAR CO.
Detroit, Mich.

BABBITT METALS.-SIX IMPORTANT


| Every render of the SCIENTIFIC American should also <br> Technical Literature <br> A Monthly Review of Current Technieal Publiteations <br> a larg¿ 64-page illustrated journal giving its readers, in more or less condensed form, the BEST literary material of general interest appearing in the current tecbnical publica- tions of America and Europe, as well as much valuable information found in daily papers, trade pamphlets, society proceeding speeches and lectures, etc. The <br> "Index to Articles in Current Technical Periodicals" gives a classified aescriptive listing of all the articles of importance appearing in the current technical press, brought down to the first of the month of issue. <br> An indispensable publication for engithe most instructive ever published for general readers who wish to keep in touch with <br> me•tern industrial progress." $\begin{aligned} & \$ 2.00 \text { a YUBSCRIPTION RATES } \\ & \$ \text { Single Copies, } \end{aligned}$ <br> Special Offers to Readers of the Sclentlific American.-As a trial subscription we will send you TECHNICAL LIT- ERATURE for two months for 25 CENTS with a low rate in combination with a special Premium Book Offer for the continuance of the subscription. <br> Send your quarter to-day and get the current numbers. TECHNICAL LITERATURE, 19 S, 220 Broadway, New York |
| :---: |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## Trade mank <br> Coprailints ac




## Scientific Americat.'

MUNN\&CO
 this office for 10 cents, provided the name and
number of the patent deaired and the date be
siven. Addreas Munn \& Co., 361 Broadway, New


## WINCHESTER 

.22 CALIBER AUTOMATIC RIFLE This wonderful little rifle is in a class by itself for pleasure and sport. After loading it all that it is necessary to do to shoot ten times is to pull the trigger for each shot, as the recoil of the exploded cartridge operates the repeating
mechanism. The use of this rifle develops accuracy of aim when shooting rapidly, an accomplishment all hunters strive for. For city, country or camp rapidy, an accomplishment and hunters strive for. For city, country or camp
the .22 Automatic is very handy. To fully appreciate it you should shoot it. Winchery handy. To fully appreciate it you should shoot it.
WINCHESTER REPEATINCARMS CO..

## Do You Want To Start Small Manufacturing Under Favorable Conditions?

Then there is one town that offers such
affor to miss knowing about them.
That town is Wilkes Barre, Pennsylvania.
Wilkes-Barre is public spirited. There is nothing extraordinary in our paying for this adver-
tisement. It is only a sample of wilkes-Barre's way. manufacturers of small capital. In this building the building of the country to attract ambitious by giving them nominal rents for smanll space, and with very tow rates for electric light and
eetecticpower-also for industrial gas. All this to the earnest workers only who are willing
ent not only to be helped but to of course help themselves.
The city is centrally located in the heart of America's. wealthiest center with the very
best skilled and unskilled labor The city is centranly located anskilled labor available that can be had in this country.
bestair taxes pure water liberal banking facilities hand low freight rates.

The best chance you winl have to start is NOW and HERE.
Write usand get acquainte.
WILKES-BARRE GAS AND ELECTRIC CO. e Wilkes.Barre, Pennsylvania


| MR, INYENTOR <br> Send us your models or drawings for our lowest prices MONARCH TOOL CO.. 128 Opera Place, Cincinnati, 0 . |
| :---: |
| advicefree. W m.Gard am \& Son, 45-51 Ruse St,N.Y |
| IASON'S NEW PAT. WHIP HOISTS为 <br>  |
| I |

Of Popular Interest

## The Mew Agriculture

## By T. BYARD COLLINS

12mo, 374 pages, 106 illustrations, cloth, price $\mathbf{\$ 2 . 0 0}$ $\overbrace{\text { His new and authoritative work deals with the subject in a scientific way and }}^{\text {from a new viewpoint. }}$ Dr. Collins has devoted his lifetime to the study Changing economic agricultural conditions. "Back to the soil" was nsver these opening years of the twentieth century Farm ments than at any previous period in the world's history, and it is calling millions
from the desk. The reason for this is not at first obvious, and for this reason Dr. Collins has prepared the present work, which demonstrates conclusively the debt which agriculture owes to modern science and the painstaking government and State use of improved methods. improved stock and varleties. All this tends to create wealth by increased value of the product and decreased cost of production. Irrigachinery all come in for a share of attention. The illustrations are of special value, and are anquue. All who are in any way interested in agriculture should otain a
copy of this most timely addition to the literature of agriculture. A full table of

NUNN \& CO., "selentiliac Amertcun." 361 Broadway, New York

