BICYCLE NOVELTIES FOR COMING YEAR New Features in the Manufa
Bicycles tor ' 98 .
some bia changes are expected
 Now Modets and Mechiceni Wrintse
to the vew $\overline{\text { ronk sun }}$




Cix



|  |  |
| :---: | :---: |
|  |  |
|  |  |
|  |  |
|  |  |


|  |  |
| :---: | :---: |
| a new device, this somewhat surpisin |  |
|  |  |
|  |  |
| $r$ cases, and latim to |  |
| tectuon The leather, ${ }^{\text {cem}}$ | Lerze to eon |
| O England have been tar troms |  |
| eir beans |  |
|  |  |
| Water Yankee fryenuty has intro- | Yuspus, |
| with rubber for foints |  |
| anduastonale that |  |
|  |  |
|  |  |
|  |  |
| tary |  |
| tse startan with tho promise that |  |
|  |  |
|  | \%oth the cill |
|  |  |
| the b | dinep ramo |
|  | , 86 Im |
|  |  |
|  |  |
| ot 1ss7. An indama manutaturer wil | he |
| Orier a combinod cors and chain yoar: | It |
| nble turaw. This mathino winl be put |  |
| quantitee 12 consists of |  |
| With spur teeth on the end ord |  |
| on the enstao of a gear mins that is | Imst |
| cone muask wis on the downuward thrust |  |
| The rear surace of the ring the in con. | ${ }_{\substack{\text { fur } \\ \text { any }}}$ |
| long ieverate while on the upward | оther sovel |
| touches the axte on the rear at the end |  |
| Of the erank and tuas shortens tis roil | Mineem tio |
| $y$ on the axle, and revolving |  |
|  |  |
| ordinary whet. A rectuction of toot | ary |
|  | mil |
| are the ch invention. |  |
| amproved chain and grrocket |  |
| Another conceren will come out nox |  |
| year with an improved chain |  |
| Wheh tit climed win io as | any |
| Yearent howed kear. Theo device on |  |
|  |  |
| detail. from one which has been on | A wh |
| sprocket has at double rim with sma |  |
|  | d) |
|  |  |
|  |  |
| as in the orimary sprocetet The |  |
| teen prevents any accumulation |  |
|  |  |
|  |  |
| the |  |
|  |  |

## 





cos

Secreta


## $\mathbb{R O M E}_{\text {。 }}$




Our Guarantee.


