HEYMAN \& DEICHES,

From Monday, Derember, 29th, at 8 odclock $\AA$. M.

AND
1520

| 1518 |
| :---: |
| ano |
| 1520 |
| FARNAM |
| Street. |

Until Wednesiag, December 31st, at 6 ocilock P. M.

## OUR ENTIRE STOCK OF

 Will Be Sacrificed

FARNAI Street. Dress Goods and Wrappers Ladies Knit Underwea Ladies' Muslin Underwear, Hosiery, Notions
Neck wear Chiilderen's and Infants' Wear
Etc. Ftc.

CASI IISCOUNT $20 \%$

0DISCOUNT

HEYMAN \& DEICHES
On EVERYTHING

GAS AND ELECTRIC LIGHTS.


|  | these accumurators ary only required to sup- ply a limited number of lamps late at night, for example. <br> An Ele tric Lighthoase. <br> Consul Contolly at Auckland has sent to the state department a sketch of the Hamin- ford electric lighthouse. He thinks it is going to revolutionize the lifhthonse system of the world. Mr. Contuolly says so many competent enginecrs and clectriclans in Now Zepland who have examincd the plant and working models unhesititingyy dechure thoir beliof in the practicability of the scheme. The "Hannaford light" invention embraces a |
| :---: | :---: |
| Economy of the storage Battery. |  |
| L'E.ectricinn furnishes some light on a practical problem whech frequently vexes the users of storace batteries. it supposes a users of storafe batteries. It supposes a |  |
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| industrial type of accumulator costs at least 15 francs. |  |
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| ighty volts are comected in uert the of accunuthators, and in derivation on to the terminals of the dyanmo, which then charre |  |
|  |  |
| the battery at thesime time as it supplies the lamps connected in series with the wecumu- |  |
|  |  |
|  | minute or a second. The storage of elec- |
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| to their preservution. The doubling of thelamps may be avoided by installing lamps of lamps may bo avoided by instaling lamps ofifty volts which, during the charge, would |  |
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| the dynamo, and the accumulators would <br> sapply the sumo lamps of fifty volts. By |  |
| elight tecumulatorn would berequired instede of nity-jivot bat the first plan is moro advan-tageous, for, taliding into the hithy price of the necumulator and thoir dopprafititon tit s stillmore coonomical to doubio too number of nc- |  |
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| If the attendant sbould happen to forget to use the commutator at the moment whea tho |  |
|  |  |
| only bo discharirged verer slouminatorer wo the ro- sistance represented by the lamps of seventy- |  |
| Nive is, moreover, casy to arrange chat an angeto-Int matic disconnector shoula eriect une commmtation at the monent of the stoppage of the |  |
|  |  |
| tation at the moment of the stoppage of the cumulators being of an apposite sign to that |  |
| must pass through zero in order to chango its sign. |  |
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| We will sumposes that tamps of Atty watts <br> (ixteen cauditios aro required, each calling |  |
| for twenty-fivo volts and about two amperes. Tho output will De ifteen amperes. Wo |  |
| tors listead of tirity-two, in order to supply this spechal service. Theso nccumulatorn |  |
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