## The Carolina Watchman.

## VOL. VIII-THIRD SERIES



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| when the invention itself saw the light,and the locality whiee it waib bort. Two |  |  |
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| new under the sun" was made, but anterior to that remote period-namely, some |  |  |
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| four thousand years ago-the first printing machine existed in Babylon! If proof |  |  |
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| be required of this rather startling assertion, it may be easily found, for it exista |  |  |
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| eter at each endpunon the bsurface of this miniature cask-like cylinder minute and |  |  |
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| finely-wrought chinracters are engraved, |  |  |
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| ingenuity of the ancients, and shows their method of preserving and multiplying na tional or family records. It is quite evi |  |  |
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| tional or family records. It is quite evi dent from the indented lettering of the |  |  |
| Babylonian printing machine-for such it |  |  |
| pressure to it was in use among the Ninevite "typos." This being so, the primi |  |  |
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| tive appliance at Cambridge mingt be said newspaper machines at the present day -London Echo. |  |  |
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| from Alexandria to England, in an iron eylinder, which is to be constructed |  |  |
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| aronnd it and then used as a vessel. "The cylinder is to. be ninty five feet long by |  |  |
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| fifteen feet in diameter, and will have a draught of nine feet of water when atoat |  |  |
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| bed of the water till it floats. It will the be turned over and the man-holes at the top opened and about thirty tons of bal |  |  |
| last put in to keep the ends vertical, so as to act like stem and stern. It will then |  |  |
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| Telephonnc cutertainuments are lecoming |  |  |
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| popular. The following description of the instrument and its method of operation is |  |  |
| intelligible to those who can appreciate a <br> diaphragm of iron : |  |  |
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| sists of a powerful compound, permanentmagnet, to the poles of which are attach- |  |  |
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| ed ordinary telegraph coils of insulated wire. In front of the poles, surrounded |  |  |
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| by these coils of wire, is placed a dia- |  |  |
| verge the sound upon this diaphragmsubstantially completes the arrangement. |  |  |
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| The motion of steel or iron in front of the poles of a magnet creates a current of elec |  |  |
| tricity in the coils surrounding the poles of the magnet, and the duration of thiscurrent of electricity coincides with the current of clectricity comeikes with the |  |  |
|  | bee |  |
| duration of the motion of the steel or iron Wo Whe ban |  |  |
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| the diaphragm to vibrate, electrical undulations are induced in the coils environ- |  |  |
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| ing the magnets precisely amalogous to |  |  |
| that voice. These coils are connectedwith the line wire, which may be of any |  |  |
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| length, provided the insulation be good. The undulations which are incluced in |  |  |
| these coils travel through the line wire, and, passing through the coils of an in- |  |  |
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| strument of precisely similar constructionat the distant station, are again resolved into air undulations by the diaphragm of |  |  |
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| this instrument."-Boston Commercial |  |  |
| cotton manufacturing. |  |  |
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| and unprofitable, has taken new lease oflife, both North and South. At the North, |  |  |
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| the Cocheco Manufacturing Company, at Dover, N. H., propose the erection of a |  |  |
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| thought will add 2,000 to the population of the place. The City Council has voted |  |  |
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| to exempt the mill from taration for ten years. At the Sonth, a new manufactur- |  |  |
| ing eompany has been organized at Augusta, Ga., with a capital of $\$ 150,000$. The |  |  |
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| mill begins with 10,000 sill be increased to 50,000 as the times re- wimer |  |  |
| mptly subscrib- |  |  |
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| four months. Most of the capital wassubseribed by Massachusetts manufactur-ers, one of whom is president of the new |  |  |
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| company. In this connection, a glance |  |  |
| at the last annual report of the Eagle |  |  |
| Phonix Manuficturing Company, of Al Phusta, is of interest. This report, for the |  |  |
| Year 1876, shows that this empany has |  |  |
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|  capital tocockis $81,250,000$, The comppanyhas deelared and paid dividends since $1869,8850,000$. From the profits of hast year, $812,0,85$, two semi-annual dividena and 1 st of November-the total amounting to $8100,00-$ passing the remainder,886,875, to the credit of machiney aceount. Ralcigh Oboerrer. |  |  |
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