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| Transient advertisements must be paid for In advanee to insure publication. Alladvorkioing bills must be paid quarterly. |  |
| Legel tenders taken at their current value. <br> Blanize and Job Work of every description farnished at low rates on short notice. |  |
|  | adicemen |
| DEMOREST'S ILLUSTRATED MONTHLI |  |
| A aplendid offer to oar Sabseribers: Wo will Eing, for ane year with he \$s of Chrom. 10 <br>  extry, Hiswathe W. Gin or for stan wo wilt <br>  ond Dearorest's Monthly for coe year. <br> This io a Aplendid Chance tu sceure the hest <br>  the ammunt to this office, and the Magazine and Cbromos will bo promptly forwaried. <br> W. JENNINGS DEMMREST, <br> sss, Druadkery, Ncee York. |  |
| quir madstrated phrenological <br>  ncorest to oill. Stceechene shat so are and how to mithe the poere of onrselvee, The inf rma*. in well worth tho prive of the Macazinetio every <br> Family. tio publi-bed at s: 36 © 2 year. My <br> - ppecisl wrrangement we aro enzbled to ngee <br> 6 new iuberibera to the Onecox Repraticis. <br> or mill furaich the Paresolocical. Jonasab <br>  <br> good Magatine. |  |
| The Torped |  |
|  |  |
| It may interest your readers to know at the Awericans have commenced |  |
| the reconstruction of their navg,doing which they seem to be fully alive |  |
| the fact that torpedoes will in all probability become the principal and main |  |
| naval weapon of the future, whether used offensively or defensively, whether |  |
| harbor defense. This fact can |  |
| confidently rely on heavy guns and armored vessels designed for an artil- |  |
|  |  |
| lery encounter, and not constructed so as best to manipulate and fight the tor- |  |
| States appeal unanimously to hold the opinion that the torpedo will be the chief naval weapon of the future. Not only is it an opiaion, but it is being acted upon with greet energy. <br> A "school of torpedoing" has |  |
|  |  |
| been formed at Newport, Rhode Island, whare a number of naval officers are iustructed in the practical employment of torpedoes in suitable and purpose- |  |
|  |  |
|  |  |
| through the elase at onee, when they enter into all the detsils of torpedoing. |  |
| theoretically and practically, just as the advanced class of artillery officers at |  |
| Shoebaryness enter into the detriis appertaining to gannery. The course |  |
| appertaining to gunnery. The courselasts several month, and the oficers |  |
| have the great advantage of seeing and taking part in the numerous torpedo experiments whieh are constantly going on there during the mild weather. So mueh for education. <br> Each vessel of the United States |  |
|  |  |
| navy now carries, besides a number of towing torpedoes, an arrangement |  |
| Whereby a torpedo containing a lititle |  |
| over oue hundred pounds of powder canbe boomed out some twenty four feet infront of the cut water. The iro elad |  |
|  |  |
| monitors, about thirty in all, are fitedwith booms for torpedoes, to be worked |  |
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|  |  |
|  |  |
| reasoas, speed is not of prime importance $e_{8}$ Twelve powerful tugs; which were built during war, are having tubular out-riggers. fitted in their 7 forecasfles. This arrange. ment eonsists essentially of a tube, with saitable relvee, through whieh is thrust |  |
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