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formation, and adds: "The sentiment over the country seems to be in favor of nominating Governor Hill as Cleveland's successor." Ex-Mayor William H. Wickham says: "If the report gets out that Cleveland says he will not be a candidate for renomination it will go far to make him the nominee. It looks to ma like a piece of shrewd polities for him to take this position."

don Enquiver asserts that the chief cause of cracked cylinders in large engines is in starting the engines too soon. In large ships, he says, the steam can be got up in an hour in the boilers, but the engines should, as a rule, have from two to four hours to warm the cylinders, so that the metal will have no undue strain on it through unequal expansion when starting. Sometimes they get it, and other times not. When the steam is up, and just when the cylinders are warmed enough to put the iner ring of metal in a state of compression and the outer one in a state of tension, the engines are started at a speed quick enough to bring over a few buckets of water from the boilers; there are a few bangs and bumps, and then everything seems to be all right, but some time after, when the cylinders are opened, there is a crack found in one. Again, some of the cylinders in the merchant service, according to this