W. B. CRITTENDEN, born in Deerfield, Mass., in 1851; afterwards lived for twenty-six years at Rochester, N. Y.; was taught shorthand by his father—Graham's system; went to Beston in 1872 and occupied a position as a shorthand reporter on the Boston Journal for two years; went to Washington in 1874 as a private secretary; in 1876 was admitted to the practice of law and is now engaged in that profession.

HENRY M. GARDINER was born at Nunda, N. Y., 1847; received a common rehool education; was a telegraph operator from 1864 until 1872; began studying shorthand in 1866; commenced to follow it as a profession in 1874; was admitted to the bar in 1877; is now official stenographer of the fourth Judicial District of Pennsylvania; claims to write 190 words per minute. Originally learned Graham's system, but now writes Munson's.

Coe Mullock, was born in 1846, in Orange Co., N. Y.; attended several Institutes and Academies up to 1868 when he graduated; he then acted as teacher for a few years, when he studied law and was admitted to the bar in 1873; learned Graham's system of Phonography in 1872; in 1878 he began reporting in Lancaster, Penn., and soon secured the position of official reporter of Lancaster and York Counties, which positions he still holds.

Dana A. Rose, was born in Tompkins Co.-N. Y., in 1845; received a common school edu cation; entered the U. S. service as a member of the 50th N. Y. Engineers at the age of nineteen; at the close of the war he accepted a position on the Erie Railway; studied Graham's system in 1873 with W. O. Wyckoff, of Ithaca; afterwards entered his employ as teacher and assistant. For the last two years Mr. Rose has confined himself solely to the teaching of the phonographic art.

Mrs. Helen J. Palmer, was born in Delaware Co., N. Y., April 17th, 1849; commenced the study of phonography in 1872; studied alone, with occasional assistance from Messrs. Wyckoff and Rose; in 1874 she attended the Phonographic Institute at Ithaca, devoting six weeks to the study of notes taken in actual reporting, and soon after commenced reporting for several N. Y. County Courts and also for the Oneida County Surrogate Court, which Positions she now holds. Mrs. Palmer is a very fine writer of Graham's system of Phonography.

GRO. H. THORNTON, of Buflalo, N. Y., was born at Watertown, N. Y., in 1852; received his education at the University of Rochester, from which he graduated in 1872; commenced studying shorthand while at college, and reported considerably during the last two years of his course; went to Buffalo in 1873 and formed a partnership with W. H. Slocum; is the official stenographer of the Supreme Court of the Eighth Judicial District and the Niagara County Court; has reported several important cases, T. is the Secretary of the N. Y. S. S. A.

FREDERIC M. ADAMS, born in New Hampshire in 1840; was preparing for Harvard Collete when he joined the army in 1862; was in the 14th N. H. Regiment for three years; studied horthand while stationed at Savanah and Augusta; had both Pitman's and Graham's books and combined both; in 1867 he went into partnership with Edward H. Underhill, of New York; was one of the three official reporters in the Beacher-Tilton trial; reported the Vanderbilt and Stewart will contests and several impertant conventions and trials; is a member of the Bar, and hopes soon to live by that profession alone.

## JAMES E. MUNSON.

(See portrait on page 143.)

AMES E. MUNSON. the author of the "Complete Phonograph r," is a native of Oneida County, New York State. He began the study of phonography in 1852 with Webster's Phonographic Teacher, which was first published in that year. In January, 1857, he left school and went to N. Y. and entered upon the practice of the shorthand profession, making his first essay at verbatim reporting on a murder case in New York. He published his first work in 1866, and his dictionary in 1874. Mr. Munson has made practical law reporting his chief occupation. He writes his notes with unusual precision, and has for several years had his notes of trials transcribed by others directly from phonography, without their being dictated to an amanuensis.

## KEY TO T. W. GIBSON'S REPORTING NOTES

Mr. Gibson's notes, a fac-simile of which we give on page 148, are extracted from a report by him of a sermon by Rev. D. J. Macdonnell, of St. Andrew's Church, Toronto, based on Romans 13th chap., 11th to 14th verses. The transcript is as follows:—

The man who is trying to be independent of God is in an utterly wrong attitude. The right attitude is that of dependence, childlike dependence on God our Father, who has come nigh to us in His Son Jesus Christ, and who has cast His infinite perfections into finite moulds, that we might be able to copy them. Put on, then, the Lord Jesus Christ. Put Him on as your covering from God's wrath, and as your hue and glorious dress. It you have put Him on, then put Him on more and more, drink in more of His spirit, be more conformed to His image; that is God's method of making you holy. Christ has brought unto us wisdom and righteousness and sanctification and redemption. We have everything in Him that we need for pardon and for holiness, everything that we need for the past, and the present and the future—for the past and its sins, the present and its duties, the future and its heaven. "Let us therefore cast off the works of darkness, and let us put on the armour of light." In a general sense all sins are works of darkness, but I do not know that we can say always that in the sight of God the gross vice which a man slinks out of the sight of friends and kindred to perpetrate is worse necessarily, than the more refined sin which a man may commit in the face of the