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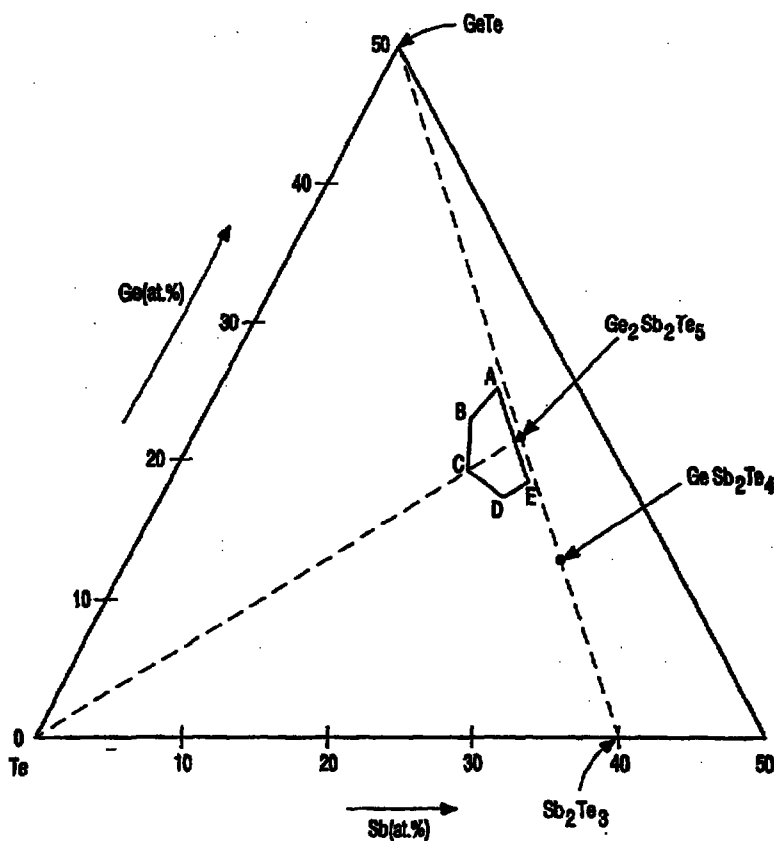
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(54) Title: **OPTICAL RECORDING MEDIUM COMPRISING A GESBTE RECORDING LAYER**



(57) Abstract: A description is given of a rewritable optical information medium having a phase-change recording layer on the basis of an alloy of Ge-Sb-Te, which composition is situated within the pentagonal area ABCDE in a triangular ternary composition diagram. These alloys show a complete erase time (CET) of 50 ns or less. CET-values below 45 ns are obtained with alloys situated on the tie-line connecting Te and the compound $\text{Ge}_2\text{Sb}_2\text{Te}_5$, within the area ABCDE. Such a medium is suitable for high speed recording (i.e. at least six times the CD-speed), such as DVD+RW, CD-RW, DVD-RAM and optical tape.

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