

A S S I G N M E N T

I, HUBERT KÖSTER, a citizen of Germany, residing at 8636-C Via Mallorca Drive, La Jolla, California 92037, U.S.A., for good and valuable consideration, have assigned and do hereby assign to **SEQUENOM, INC.**, a corporation organized under the laws of Delaware, having a place of business at 11555 Sorrento Valley Road, San Diego, California 92121, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter disclosed in the application for Letters Patent of the United States Serial No. 09/431,613 entitled:

DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

