

ASSIGNMENT

WHEREAS, we, Matthew P. Dugas, of 2324 Valentine Avenue, St. Paul, Minnesota, 55108, Theodore A. Schwarz, of 1462 Tamberwood Trail, St. Paul, Minnesota, 55125, and Gregory L. Wagner, of 4101 Gale Circle, Arden Hills, Minnesota 55112, have invented certain new and useful improvements in SERVO SYSTEMS, SERVO HEADS, SERVO PATTERNS FOR DATA STORAGE ESPECIALLY FOR READING, WRITING, AND RECORDING IN MAGNETIC RECORDING TAPE, the specification of which is attached hereto;

WHEREAS, ADVANCED RESEARCH CORPORATION, Corporation of the State of Minnesota, and having an address of 815 14th Avenue S.E., Minneapolis, Minnesota, 55414, is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefore;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said ADVANCED RESEARCH CORPORATION, its successors and assigns, the entire right, title and interest in and to said invention, said application and the Letters Patent, both foreign and domestic, that may or shall issue, including all rights under the International Convention, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the above-mentioned assignee in accordance herewith.

We further authorize said assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name, if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

We do hereby covenant and agree with the said assignee, its successors and assigns, that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will, at any time upon request, without further or additional consideration, but at the expense of said assignee, its successors and assigns, execute such additional writings and do such additional acts as said assignee, its successors and assigns, may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights, occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

