06-16-1998 Talesettines 2 20 the attached original documents or copy thereol. To the Honorable Commission 100738525 arrange and address of receiving panyties); 1. Name of conveying partytics Robert L. McCollum Name: COMTECH COMMUNICATIONS CORP. James W. Taylor Internal Address: Additional name(s) of conveying partytics) attached ! [] yes [X] in 3. Nature of Conveyance:

Assignment

Security Agreeme Merger Street Address: 4666 South Ash Avenue City Tempe, State AZ ZIF 85282 Additional name(s) & address(es) attached? Yes 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is -6-5-98B. Patent No.(s) A. Patent Application No.(s). Additional numbers attached? 6. Total number of applications and patents involved 5. Name and address of parts to whom correspondence concerning document should be mailed: Name: HARRY M. WEISS & ASSOCIATES, P.C. Internal Address: X Enclosed Authorized to be changed to deposit account Succi Address: 4204 North Brown Avenue 8. Deposit account number: City: Scottsdale, State: AZ ZW 85251 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE. 9. Statement and Signatures apprairie Tashe best of my knowledge ambleshelf, the foregoing information is time and correct and any attached copy is a true copy of the original document. Jeffrey D. Moy Name of Person Signing Total number of pages comparing cover their OMB No 0651 0811 (csp. 3/94). Do not detach this portion Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Rox A signments Washington, D.C. 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regardi配入间围断压stimate to the U.S. Patent and Trademark Office, Office of Information, Systems 23.6 FR. Wichington 743 D.C. 2024, and to the Office of Management and Budget, Payrovot Reduction Project, (For Large).

Washington 150 Michigan

ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, We, Robert L. McCollum and James W. Taylor, have sold, assigned and transferred and do hereby sell, assign and transfer unto COMTECH COMMUNICATIONS CORP., and its successors, assigns and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in "A HYBRID ANALOG-DIGITAL PHASE LOCK LOOP MULTI-FREQUENCY SYNTHESIZER" described, illustrated and claimed in an application for Letters Patent of the United States of America, executed by as of even date herewith, together with the entire right, title and interest an and to said application, and in and to Letters Patent which may be issued upon said application, and upon any division, extension, continuation or reissue thereof.

COMTECH COMMUNICATIONS CORP., the entire right, title and interest in and to said invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of said inventions and said applications for Letters Patent in foreign countries, and we further authorize the said COMTECH COMMUNICATIONS CORP., to apply for Letters Patent in foreign countries directly in its own name, and to claim the priority of the filing date of the said application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Assistant Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to the COMTECH COMMUNICATIONS CORP., for the sole use and behoof of said COMTECH COMMUNICATIONS CORP., its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, the same as they would have been held and enjoyed by us had this assignment not

PATENT REEL: 9236 FRAME: 0744 been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to the said **COMTECH COMMUNICATIONS CORP**.

We agree that, when requested, we will, without charge to said COMTECH COMMUNICATIONS CORP., but at its expense, sign all papers take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in all countries and for vesting title thereto in said COMTECH COMMUNICATIONS CORP., its successors, assigns and legal representatives or nominees.

We convenant with said **COMTECH COMMUNICATIONS CORP.**, its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

Dated: 6/5/78	Solvent CM Elle Robert L. McCo. lum
Dated:	James W. Taylor

RECORDED: 06/08/1998