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Nicholas Paul SHIELDS

Execution Date(s) May 19, 2005Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
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2. Name and address of receiving party(ies)Name: HARRIS CORPORATION

Internal Address: _____

Street Address: 1025 West NASA Blvd.City: MelbourneState: FLCountry: USA Zip: 32919Additional name(s) & address(es) attached? ☐ Yes ☐ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

NOT YET ASSIGNED

Additional numbers attached? ☐ Yes ☐ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: CHRISTOPHER F. REGAN, ESQ.Internal Address: ALLEN, DYER, DOPPELT,MILBRATH & GILCHRIST, P.A.Street Address: 255 S ORANGE AVENUE SUITE 1401City: ORLANDOState: FL Zip: 32801Phone Number: 407-841-2330Fax Number: 407-841-2343Email Address: cregan@addmg.com**6. Total number of applications and patents involved:**

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
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PATENT
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A S S I G N M E N T

WHEREAS, Nicholas Paul SHIELDS of Fairport, New York; hereinafter referred to as ASSIGNOR, has made certain improvements or inventions in DIRECT DIGITAL SYNTHESIS (DDS) PHASE LOCKED LOOP (PLL) FREQUENCY SYNTHESIZER AND ASSOCIATED METHODS, for which ASSIGNOR has executed an application for United States Letters Patent filed herewith, in the United States Patent and Trademark Office; and

WHEREAS, HARRIS CORPORATION, a Delaware corporation, hereinafter referred to as ASSIGNEE, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said ASSIGNOR does hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said ASSIGNOR does hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

And said ASSIGNOR for said consideration hereby covenants and agrees that said ASSIGNOR is the owner of the full title herein conveyed and have the right to convey the same, and agree that said ASSIGNOR will communicate to said ASSIGNEE any facts known to said ASSIGNOR respecting said invention or

