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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
RICHARD D. ROBERTS

md
10-1-99

2. Name and address of receiving party(ies):

Name: **INTERSIL CORPORATION**Internal Address: **MS 53-209**Street Address: **2401 PALM BAY RD. N.E.**City: **PALM BAY** State: **FL** ZIP: **32905**Additional name(s) & address(es) attached? ☐ Yes ☒ NoAdditional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date:

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/378,532

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **CHARLES E. WANDS**

Internal Address:

Street Address: **5240 BABCOCK ST., N.E.****SUITE 211**City: **PALM BAY** State: **FL** ZIP: **32905**6. Total number of applications and patents involved: **1**7. Total fee (37 CFR 3.41):.....\$ **40.00**☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number:

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

CHARLES E. WANDS

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document:

3

PATENT

REEL: 010279 FRAME: 0114

ASSIGNMENT OF PATENT RIGHTS
(For United States and All Foreign Countries)

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as below named inventor(s), I/we hereby sell and assign to INTERSIL CORPORATION (hereinafter "**ASSIGNEE**") its successors and assigns or other legal representatives, all of my/our right, title and interest, in and for the United States of America, in and to said invention entitled: **PROGRAMMABLE FILTERING MECHANISM TO ALLOW BANDWIDTH OVERLAP BETWEEN DIRECT SEQUENCE SPREAD SPECTRUM COMMUNICATION DEVICE AND FREQUENCY-HOPPING TRANSMITTER** invented by me/us and described in this application for United States Letters Patent therefor, executed by me/us on even date herewith, and all United States Letters Patents which may be granted therefor, and all divisions, continuations, and extensions thereof, as well as any patents which may be applied for in any other countries, the said interest being all of the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said **ASSIGNEE**, its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me/us if this assignment and sale had not been made.

And I/we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application and any corresponding foreign applications or international applications that may be filed, or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, revived or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said **ASSIGNEE**.

And I/we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said **ASSIGNEE**.

INVENTOR:
Citizenship:
Post Office Address:

Residence:

Richard D. Roberts
U.S.
1586 Norman Street NE
Palm Bay, Florida 32907
1586 Norman Street NE
Palm Bay, Florida 32905

10 Sept 99
Date

Richard D. Roberts
Signature