

PATENT ASSIGNMENT

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name: Sugar, Gary L.

Execution Date: 07/11/2002

Name: Vaidyanathan, Chandra

Execution Date: 07/11/2002

RECEIVING PARTY DATA

Name: Cognio, Inc.

Street Address: 101 Orchard Ridge, Suite 350

Internal Address:

City: Gaithersburg

State: MARYLAND

Country:

Postal Code: 20878

PROPERTY NUMBERS

Application Number: 10174690

Number of Properties: 1

The USPTO, Office of Public Records, will send correspondence via facsimile to **FAX NUMBER:** 240-631-1943

CORRESPONDENCE DATA:

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CUSTOMER NUMBER: 032604

NAME OF PERSON SIGNING: /daf/

DATE SIGNED: 07/26/2002

Total Attachments: 2

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PATENT

REEL: 012927 FRAME: 0061

ASSIGNMENT

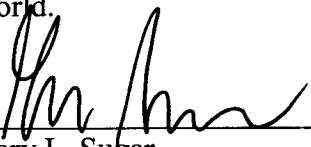
WHEREAS, we, Gary L. Sugar of 15307C Diamond Cove Terrace, Rockville, Maryland 20850, U.S.A., and Chandra Vaidyanathan of 10411 Montrose Ave. #202, Bethesda, Maryland, 20814, U.S.A., have invented new and useful improvements in **SYSTEMS AND METHODS FOR IMPROVING RANGE OF MULICAST WIRELESS COMMUNICATION** for which a U.S. non-provisional patent application was filed on June 19, 2002, Application No. 10/174,690, and

WHEREAS, Cognio, Inc., a Delaware corporation, whose post-office address is 101 Orchard Ridge Drive, Suite 350, Gaithersburg, Maryland 20878 ("Assignee") is desirous of acquiring the entire interest in the same;


NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, we, Gary L. Sugar, and Chandra Vaidyanathan hereby do sell, assign and transfer unto said Assignee, our entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application under 35 U.S.C. § 119(e), reissue, reexamination, division, continuation-in-part, extension or continuation thereof and all rights of priority under the International Convention arising from said application; the same for its legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

AND, we hereby bind ourselves, our heirs, legal representatives, administrators and assigns properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry

into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid Assignee, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world.


_____(L.S.)
Gary L. Sugar

7-11-02
Date


_____(L.S.)
Chandra Vaidyanathan

7/11/02
Date