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U.S. DEPARTMENT OF COMMERCE
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Docket 69903

RECORDATION FORM COVER SHEET
Form PTO-1595

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To the Commissioner for Patents : Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
James A. Crawford **8/21/01**
Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies):
Magis Networks, Inc.
12651 High Bluff Drive, Ste. 300
San Diego, CA 92130
09/935081
J1036 U.S. PTO
09/935081
08/21/01

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: August 13, 2001

4. Application number(s) or patent number(s): 1
If this document is being filed together with a new application, the execution date of the application is: August 20, 2001
A. Patent Application No.(s)
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Richard E. Wawrzyniak
FITCH, EVEN, TABIN & FLANNERY
Suite 1600-120 S. La Salle Street
Chicago, IL 60603

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41): \$ 40.00
 Enclosed
 Authorized to be charged to deposit account should the fee not be enclosed.
8. Deposit account number: 06-1135

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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.

Scott J. Menghini
Registration No. 42,880

August 21, 2001
Date

10. Total number of pages including cover sheet, attachments and document: 2

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ASSIGNMENT

WHEREAS, I, JAMES A. CRAWFORD, of San Diego, of the County of San Diego, State of California, U.S.A., for good and valuable consideration, have assigned and do hereby assign to MAGIS NETWORKS, INC., a corporation organized under the laws of the State of Delaware, having a principal place of business at 12651 High Bluff Drive, Ste. 300, San Diego, California ("Assignee"), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the application for Letters Patent of the United States entitled:

OFDM PILOT TONE TRACKING FOR WIRELESS LAN

which is being filed herewith, and in and to said application and any and all divisionals, continuations, substitutes, renewals, reissues and foreign counterparts thereof, and in and to all Letters Patent and all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter.

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisions, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above assignee in accordance with this assignment.

DATE: 13 Aug. 2001

James A. Crawford
James A. Crawford

STATE OF CALIFORNIA)
) SS.
COUNTY OF SAN DIEGO)

On 8-13-01, before me, Lisa E. Jambau ^{Notary}, personally appeared JAMES A. CRAWFORD, personally known to me -OR- proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Lisa E. Jambau
Signature of Notary

