

06-09-2000

CYGL-25,155

To the Honorable Commissioner

ched original documents or copy thereof.



1. Name of conveying party(ies)

Kenneth W. Fernald and Donald E. Alfano
Additional name(s) of conveying party(ies) attached? Yes No

Address of receiving party(ies):
Integrated Products, Inc.

Street Address: 4301 Westbank Drive, Suite B-100
City Austin, State Texas Zip 78746

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Additional name(s) & address(es) attached? Yes No

Execution Date: May 25, 2000

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 May 25, 2000

A. Patent Application No.(s)

B. Patent No.(s)

09/583260

Additional numbers attached? Yes No

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

Name: Roger N. Chauza, Esq.
HOWISON, CHAUZA, HANDLEY & ARNOTT, L.L.P.
Street Address: P.O. Box 741715
City Dallas State TX Zip 75374-1715

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

8. Deposit Account Number: 20-0780/CYGL-25,155
(Attach duplicate copy of this page if paying by deposit account)

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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.

Roger N. Chauza
Name of Person Signing

Signature

MAY 31, 2000
Date

Total number of pages including cover sheets, attachments and document 4

OMB No. 0651-0011 (exp. 4/94)

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Washington, D.C. 20231

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09/583260
U.S. PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, we, Kenneth W. Fernald and Donald E. Alfano, citizens of U.S.A. and residents of Austin, Williamson, Texas 78717 and Round Rock, Williamson, Texas 78664 respectively, have invented certain new and useful improvements in "CROSS-BAR MATRIX FOR CONNECTING DIGITAL RESOURCES TO I/O PINS OF AN INTEGRATED CIRCUIT" for which we are about to make application for United States Letters Patent; and

WHEREAS, Cygnal Integrated Products, Inc., a corporation of the State of Delaware, which has a business address of 4301 Westbank Drive, Suite B-100, Austin, Texas 78746, (hereinafter referred to as "Assignee"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interests are concerned, to said Assignee of our entire right, title and interest.

We also hereby sell and assign to said Assignee, its successors, assigns and legal representatives the full and exclusive right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said Assignee, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements, and, at the expense of said Assignee, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said Assignee and to aid said Assignee, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Name of First Joint Inventor: **Kenneth W. Fernald**

Residence (City, County, State): **Austin, Williamson, Texas 78717**

Signature: *Kenneth W. Fernald*

Date: 05/25/00

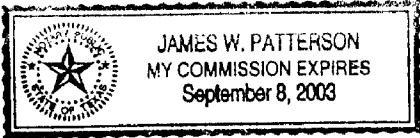
Date Application Executed: 05/25/00

STATE OF TEXAS §

COUNTY OF TRAVIS § ss:

BEFORE ME, a Notary Public, on this 25 day of MAY, 2000, personally appeared Kenneth W. Fernald, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed same of his own free will for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL of office this 25 day of MAY A.D., 2000.



James W. Patterson
Notary Public

Commission Expires:
9-8-03

Name of Second Joint Inventor: **Donald E. Alfano**

Residence (City, County, State): **Round Rock, Williamson, Texas 78664**

Signature: _____

Date: 5-25-00

Date Application Executed: 5-25-00

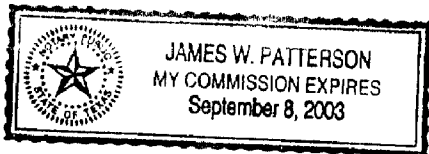
STATE OF TEXAS §

COUNTY OF TRAVIS § ss:

BEFORE ME, a Notary Public, on this 25 day of MAY, 2000, personally appeared Donald E. Alfano, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed same of his own free will for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL of office this 25 day of MAY A.D., 2000.

James W. Patterson
Notary Public



Commission Expires:
9-8-03