

01-03-2001

Client Code: PULSE.091A

REC



101570386

Jc639 U.S. PTO  
09/735030  
12/11/00

TO THE ASSISTANT COMMISSIONER FOR PATENTS: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

Majid Dadafshar

Additional name(s) of conveying party(ies) attached?

() Yes (X) No

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

Name: PULSE ENGINEERING, INC.

Internal Address:

Street Address: 12220 World Trade Drive

City: San Diego State: California ZIP: 92128

Additional name(s) of receiving party(ies) attached?

() Yes (X) No

3. Nature of conveyance:

- (X) Assignment  
 () Merger  
 () Security Agreement  
 () Change of Name  
 () Other:

9/735030

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) December 7, 2000

4. Application number(s) or Patent number(s):

- (X) Application(s) filed herewith  
 Execution Date(s): December 7, 2000

- () Patent Application No.:  
 Filing Date:

- () Patent No.:  
 Issue Date:

Additional numbers attached? () Yes (X) No

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

Name: Drew S. Hamilton  
 KNOBBE, MARTENS, OLSON & BEAR, LLP  
 Customer No. 20,995

Internal Address: Sixteenth Floor

Street Address: 620 Newport Center Drive

City: Newport Beach State: CA ZIP: 92660

Attorney's Docket No.: PULSE.091A

7. Total fee (37 CFR 3.41): \$40

(X) Enclosed

(X) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Drew S. Hamilton

Name of Person Signing

Drew S. Hamilton

Signature

Date

Dec. 11, 200029,801

Registration No.

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

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents  
 Box Assignments  
 Washington, D.C. 20231

S:\DOCS\DSH\DSH-2588.DOC 120800

PATENT  
 REEL: 011381 FRAME: 0173

ASSIGNMENT

WHEREAS, I, Majid Dadafshar, a U.S. citizen, residing at 2711 Verda Avenue, Escondido, California 92025, have invented certain new and useful improvements in a MULTI-LAYER AND USER-CONFIGURABLE MICRO-PRINTED CIRCUIT BOARD for which I have executed an application for Letters Patent in the United States.

AND WHEREAS, PULSE ENGINEERING, INC. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 12220 World Trade Drive, San Diego, California 92128, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, his successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, his successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, his successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, his successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 7<sup>th</sup> day of December, 2000

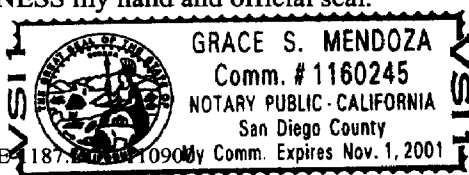
  
Majid Dadafshar

STATE OF California }  
COUNTY OF San Diego } ss.

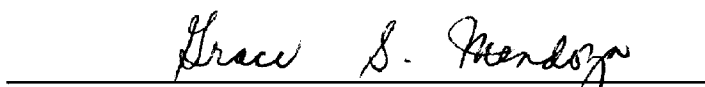
On 12/7/00, before me, Grace S. Mendoza, personally appeared Majid Dadafshar personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his 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.

[SEAL]



S:\DOCS\JSE\JSE

  
Notary Signature

ASSIGNMENT

WHEREAS, I, Majid Dadafshar, a U.S. citizen, residing at 2711 Verda Avenue, Escondido, California 92025, have invented certain new and useful improvements in a MULTI-LAYER AND USER-CONFIGURABLE MICRO-PRINTED CIRCUIT BOARD for which I have executed an application for Letters Patent in the United States.

AND WHEREAS, PULSE ENGINEERING, INC. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 12220 World Trade Drive, San Diego, California 92128, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, his successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, his successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, his successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, his successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 7<sup>th</sup> day of December, 2000

  
Majid Dadafshar

STATE OF California }  
COUNTY OF San Diego } ss.


On 12/7/00, before me, Grace S. Mendoza, personally appeared Majid Dadafshar 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 executed the same in his authorized capacity, and that by his 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.

[SEAL]



S:\DOCS\JSE\JSE4187-2000-109001

  
Notary Signature