

08-30-2001



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00-490

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New *08/14/01*

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Document ID#

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Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
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Departmental File Secret File

1-857 U.S. PTO
09/29/83
06/14/01

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08/29/2001 6TON11 00000182 122252 0929183
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Mail documents to be recorded with required cover sheet(s) information to:
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Correspondent Name and Address

Area Code and Telephone Number (408) 433-4578

Name Leo J. Peters

Address (line 1) LSI Logic Corporation

Address (line 2) MS D-106; 1551 McCarthy Blvd.

Address (line 3) Milipitas, California 95035

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

4

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

N/A						

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year
08 13 2001

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT		PCT		PCT	
PCT		PCT		PCT	

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:
Deposit Account

Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: # 12-2252

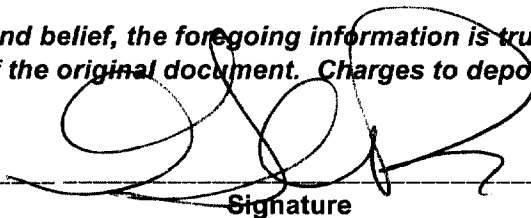
Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Glenn W. Boisbrun

Name of Person Signing



Signature

08/14/2001

Date

ASSIGNMENT

WHEREAS, I, Shannon A. Wichman, a citizen of United States of America and resident of Collin County, and the State of Texas, have invented certain new and useful improvements in a "DIVIDER CIRCUIT, METHOD OF OPERATION THEREOF AND A PHASE-LOCKED LOOP CIRCUIT INCORPORATING THE SAME" disclosed in an application for United States Letters Patent (Application No. _____, filed _____), said application having been executed concurrently herewith.

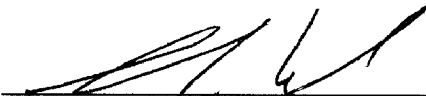
WHEREAS, LSI Logic Corporation, a corporation of the State of Delaware, having offices at 1551 McCarthy Boulevard; Mail Stop D-106, Milpitas, California 95035 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I 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; I authorize Glenn W. Boisbrun of Hitt Gaines & Boisbrun, P.C. to insert in the parenthesis above the application number and filing date of said application when known; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

I also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, 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 I 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 rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

I hereby further agree that I will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to me 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, and 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.

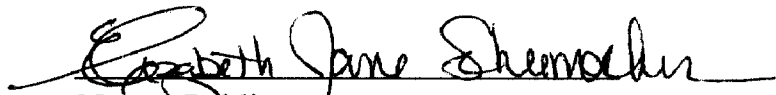
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 13th day of August, 2001.

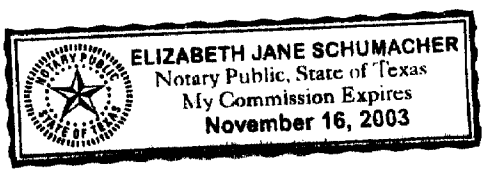

Shannon A. Wichman

STATE OF Texas
COUNTY OF Dallas

§
§
§

On this 13th day of August, 2001, before me personally came Shannon A. Wichman, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public



My Commission Expires:
11-16-2003