	12-22-1998	Docket No.: 98-146
FORM PTO-1595 (Modifieů) (Rev. 6-93)		T U.S. DEPARTMENT OF COMMERCE
OMB No. 0651-0011 (exp.4/94) Copyright 1994-97 LegalStar P08/REV02	REED HEIT BOUL BOUR ICHT HENT Guir ICHT AIBIG HEIT ICHT	Patent and Trademark Office
Tab settings → → → ▼ 100926742 ▼ ▼		
To the Honorable Commissioner of Patents and	Trademarks: Please record the	attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and ac	ddress of receiving party(ies):
David W. Daniel, John W. Gregory, and Derryl	D.J. Allman Name: LSI I	Logic Corporation vi 60
Additional names(s) of conveying party(ies)	/es 🛛 No	
3. Nature of conveyance:		
🛛 🖾 Assignment 🗆 Merger	Street Addres	ss: 1551 McCarthy Blvd.
Security Agreement Change	e of Name	
□ Other	City: Milpita	s State: CAZIP: 95035
Execution Date: <u>12/8/98</u>	Additional name(s) & address(es) attached? 🔲 Yes 🛛 No
Additiona	Il numbers attached?	🔀 No
5. Name and address of party to whom correspon concerning document should be mailed:		of applications and patents involved:
Name: Wayne P. Bailey	7 Total fee (37	CFR 3.41):\$ 40.00 -
Internal Address:		
		07.50
	🛛 Authorize	ed to be charged to deposit account
Street Address: 2001 Danfield Court	8. Deposit acco	
	19-5405	000 A
City: Fort Collins State: CO		6 v. v.
	DO NOT USE THIS SPACE	
 Statement and signature. To the best of my knowledge and belief, the for of the original document. 		
Kathleen M. Manke	Tallen n. n	12/11/98 = 5
Name of Person Signing Total number of pages inc	Signature cluding cover sheet, attachments, a	
PATENT REEL: 9644 FRAME: 0188		

ASSIGNMENT OF UNITED STATES PATENT APPLICATION

WHEREAS, we, David W. Daniel of Divide, CO; John W. Gregory of Colorado Springs, CO; and Derryl D.J. Allman, of Colorado Springs, CO, have invented certain new and useful improvements in a APPARATUS AND METHOD OF DETECTING A POLISHING ENDPOINT LAYER OF A SEMICONDUCTOR WAFER WHICH INCLUDES A METALLIC REPORTING SUBSTANCE, Docket No. 98-158, for which we have executed an application for Letters Patent of the United States on $\frac{|Q_1 S_1 P_1 S_2|}{|Q_1 S_2|}$ and $\frac{|Q_1 S_1 P_2 S_2|}{|Q_1 S_2|}$, respectively; and

WHEREAS, LSI Logic Corporation, a corporation of the State of Delaware, having its principal place of business in Milpitas, California, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and any and all foreign countries;

NOW, THEREFORE, be it known for good and valuable considerations, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said LSI Logic Corporation, its successors and assigns, the entire right, title and interest in and to the invention and improvements in any form or embodiment thereof, disclosed and claimed in said application, or which are disclosed and may be claimed; also the entire right, title and interest in and to any Letters Patent to be granted in the United States and its territorial possessions and in any and all foreign countries upon said invention in any form or upon any such improvements thereon, and in and to any and all divisions, reissues, continuations and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent on said application to the said LSI Logic Corporation, a corporation of the State of Delaware, its successors and assigns.

Further, we agree that we will communicate to said LSI Logic Corporation, or its representatives, any facts known to us

> PATENT REEL: 9644 FRAME: 0189

respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said LSI Logic Corporation, make all rightful oaths and generally to do everything possible to aid said LSI Logic Corporation, its successors and assigns, to obtain and enforce protection for said invention in the United States and in any and all foreign countries.

Signed at Colorado Springs, Colorado this 874 day of December, 1998.

STATE OF COLORADO)) ss: COUNTY OF EL PASO)

On this \mathscr{S} day of December, 1998, before me personally appeared David W. Daniel, to me personally known and known to be the person who signed the foregoing assignment, and acknowledged the signing thereof as his free act and deed.

(SEAL)

Maris Culpepp

PATENT **REEL: 9644 FRAME: 0190**

Signed at Colorado Springs, Colorado this S th day of December, 1998.

John W. Grego

STATE OF COLORADO)) ss: COUNTY OF EL PASO

On this \int day of December, 1998, before me personally appeared John W. Gregory, to me personally known and known to be the person who signed the foregoing assignment, and acknowledged the signing thereof as his free act and deed.

(SEAL)

<u>Claur Culpippir</u> Notary Public

Signed at Colorado Springs, Colorado this 8 th day of December, 1998.

Darry D. J. Ollman

) STATE OF COLORADO) ss: COUNTY OF EL PASO

On this _____ day of December, 1998, before me personally appeared Derryl D.J. Allman, to me personally known and known to be the person who signed the foregoing assignment, and acknowledged the signing thereof as his free act and deed.

(SEAL)

Clair Culpepper

PATENT REEL: 9644 FRAME: 0191

RECORDED: 12/11/1998