09-07-1999

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patent

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<pre>2. Name and address of receiving party(ies):</pre>				
Internal Address: ILLUMINA, Inc.				
Street Address: 9390 Towne Centre Drive,				
Suite 200				
City: San Diego				
State: California Zip: 92121-3015				
Additional name(s) & address(es) attached? [] Yes [x] No				
tion, the execution date of the application is:				
B. Patent No.(s)				
ched? [] Yes [x] No				
6. Total number of applications and patents involved:				
7. Total fee (37 CFR 3.41):\$40.00				
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Commissioner of Patents and Trademarks
Box Assignments
Washington, DC 20231

ASSIGNMENT

(NOT ACCOMPANYING APPLICATION)

WHEREAS, the undersigned,	
(1) MARK S. CHEE ,	(2) JOHN R. STUELPNAGEL ,
(3) ANTHONY W. CZARNIK ,	(4) <u>XXX</u>
(hereinafter termed "Inventors"), resi	dents of
(1) <u>Del Mar</u> ,	(2) <u>Encinitas</u> ,
(3) San Diego ,	(4) <u>XXX</u>
respectively, Counties of	
(1) San Diego ,	(2) San Diego
(3) <u>San Diego</u> ,	(4) <u>XXX</u>
respectively, States of	
(1) <u>California</u> ,	(2) <u>California</u> ,
(3) <u>California</u> ,	(4) <u>XXX</u>
respectively, have invented certain ne	w and useful improvements in
DECODING OF ARRAY SENSORS WITH MI	CROSPHERES
and have executed an application for a	a United States patent disclosing and
identifying the invention on the	day of, 19 <u>99</u> ; and
having Serial No. <u>09/344,526</u> and fili	ng date of <u>June 24, 1999</u> ; and
WHEREAS,ILLUMINA, INC.	
a corporation of the State of <u>Califor</u>	nia, having a place of business
at <u>San Diego</u>	, State of <u>California</u> ,
(hereinafter termed "Assignee"), is de	sirous of acquiring the entire right,
title and interest in and to said app	lication and the invention disclosed
therein, and in and to all embodiments o	of the invention, heretofore conceived,
made or discovered jointly or severall	y by said Inventors (all collectively
nereinafter termed "said invention"),	and in and to any and all patents,
inventor's certificates and other for	ms of protection (hereinafter termed
"patents") thereon granted in the Unite	ed States and foreign countries.
NOW, THEREFORE, in consideration	of good and valuable consideration
acknowledged by said Inventors to ha	ve been received in full from said
Assignee:	

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any

foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

- Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.
- 4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee this

(1)	day	of	 1999,	(2)	day	of	 1999,
(3)	day	of	 1999,	(4)	day	of	 1999,
respect	tivel	Ly.					

(1)	MarkChee
	MARK S. CHEE

county of San Diego ,)
) ss.
State of California .)

on this 13th day of August, in the year 1999, before me, Kristive Gril Friend, Notary Public of the State of California, personally appeared (1) Mark 5 Chee, 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 that he/see executed the same in his/her authorized capacity(**26), 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.

Signature Kitic Ferri



JOHN R. STUE

State of California

on this 13th day of August, in the year 1997, before me, Kristing Mil Faving, Notary Public of the State of California, personally appeared (2) Lin 2. Studing 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 that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

) ss.

WITNESS my hand and official seal.

Signature Stucker Sunn



(3) Anthony W. CZARNIK

State of California .)

On this 13th day of Accepted, in the year 1999, before me, Kristine Gail Free Mex., Notary Public of the State of California, personally appeared (3) Anthony W Czarrik, 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 that he/she executed the same in his/her authorized capacity (i.e.), 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.

Signature Like Earl June

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