FORM PTO-16 Expires 06/30/99 12-05-2001



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**PATENT REEL: 012331 FRAME: 0487** 

FORM PTO-1619 Expires 06/30/99 OMB 0651-0027	B Page 2	Patent and Trademark Office PATENT						
Correspondent	Name and Address Area Code and Telephone Number	(972) 466-7414						
Name	Lisa K. Jorgenson							
Address (line 1)	STMicroelectronics, Inc.							
Address (line 2)	310 Electronics Drive							
Address (line 3)	arrollton, Texas 75006-5039							
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indicated h	erem.	November 5, 2001						
Bryan A. Santarelli	on Signing Signature	Date						
Name of Perso	on Signing Signature	ı						

PATENT REEL: 012331 FRAME: 0488

## ASSIGNMENT OF U.S. AND FOREIGN RIGHTS IN INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One United States Dollar (\$1.00) or its equivalent, the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR <u>Hakan Ozdemir</u> , residing or having a principal place of business
at 1245 Woodlawn Avenue, San Jose, California 95008 and a citizen or juristic
entity of <u>Turkey</u> ,
hereby sell, assign, and transfer to:
ASSIGNEE <u>STMicroelectronics</u> , Inc. , residing or having a principal place of business
at <u>1310 Electronics Drive, Carrollton, Texas 75006-5039</u> , and a citizen or juristic entity of <u>the state of Delaware</u> , and the successors, assigns, and legal
representatives of the ASSIGNEE, the entire right, title, and interest in the United States
and in all foreign countries, including all rights to claim priority, in and to any and all
improvements which are disclosed in the invention entitled <u>CIRCUIT AND METHOD</u> FOR DETECTING A SERVO WEDGE ON SPIN UP OF A DATA-STORAGE DISK and
which is found in United States patent application serial number, filed
(if not present when this instrument is executed,
applicant's attorney or agent is authorized to enter the application serial number and filling
attack plus effects Detent to be obtained from said invention by the above application of
any continuation, division, renewal, or substitute thereof, and as to Letters Faterit from
any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts, documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, and enforce said application, said invention, and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purpose thereof.

PATENT REEL: 012331 FRAME: 0489

EXECUTED ON, and effective from this at		_day of _ <i>N ∂</i>	, 2001
ASSIGNOR:			
Name: <u>Hakan Ozdemir</u>			
Signature:	deur		
Title (if applicable):			
I hereby declare that I was personally prespersonally known to me to be the person nexecute the same on thisist day of _ free will for the purpose therein expressed	iamed in the <u>Nວບ</u> at the follov	e assignment ving location:	, duly sign and , 2001 of his own
WITNESS			
Name: Buris Posat Signature: Mullim			

**RECORDED: 11/05/2001**