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Submission Ty		Conveyance Ty		ument(s) or copy(les).	
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Conveying Par	ty(les)	Mark if additiona	I names of conveyi	ng parties attached Execution Date	
Name (line 4)	Liekan O-danis			Month Day Year	 1
Name (line 1)	Hakan Ozdemir			11 01 2001	
Nome (line 0)					
Name (line 2)		·· ···································		Proposition But	
Second Party	<u></u>			Execution Date Month Day Year	
Name (line 1)					
Name (line 2)					
Receiving Party		☐ Mark ii	f additional names	of receiving parties attach	ed
Name (line 1)	STMicroelectronics, Inc.			If document to be rea	corded
Name (line 2)				is an assignment an receiving party is no	d the
Harrie (iirie 2)				domiciled in the Uni	ted States,
Address (line 1)	1310 Electronics Drive			an appointment of a representative is att	ached.
				(Designation must b separate document	
Address (line 2)				Assignment.)	
Address (line 3)	Carroliton	Texas		75006-5039	
, ,	City	State/Coun	try	Zip Code	
	esentative Name and A	ddress Ente	r for the first Receiv	ving Party only.	
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Name Address (line 1)					
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Correspondent	Name and Address Area Code and Telephone	Number (972) 466-7414			
Name	Lisa K. Jorgenson				
Address (line 1)	STMicroelectronics, Inc.				
Address (line 2)	1310 Electronics Drive				
Address (line 3)	Carrollton, Texas 75006-5039				
Address (line 4)					
Pages	Enter the total number of pages of the attached cor including any attachments	nveyance document # 2			
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If this document is being signed by the first name	g filed together with a \underline{new} Patent Application, enter the date the per executing inventor.	patent application was Month Day Year 11 01 2001			
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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: Enclosed ☑ Deposit Account ☐ Deposit Account					
Enter for pay	ment by deposit account or if additional fees can be charged to th				
	Deposit Account Number:	# 07-1897			
	Authorization to charge additional fee	es: Yes 🛛 No 🗌			
Statement and	Signature	<i>A</i>			
To the bes attached c indicated l	t of my knowledge and belief, the foregoing informatiopy is a true copy of the original document. Charges nerein.	ion is true and correct and any to deposit account are authorized, as			
Bryan A. Santarelli	11500	November 5, 2001			
Name of Pers	on Signing Signature	Date			

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 <u>1245 Woodlawn Avenue</u> , San Jose, California 95008 and a citizen or juristic entity of <u>Turkey</u> ,
hereby sell, assign, and transfer to:
ASSIGNEE STMicroelectronics, Inc, residing or having a principal place of business at 1310 Electronics Drive, Carrollton, Texas 75006-5039, and a citizen or juristic entity of the state of Delaware, 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 CIRCUIT AND METHOD FOR DETECTING A SPIN-UP WEDGE AND A CORRESPONDING SERVO WEDGE ON SPIN UP OF A DATA-STORAGE DISK and which is found in United States patent application serial number, filed on (if not present when this instrument is executed, applicant's attorney or agent is authorized to enter the application serial number and filing date upon receipt of the same from the United States Patent and Trademark Office), and in and to all Letters Patent to be obtained from said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent 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

PATENT REEL: 012330 FRAME: 0003

papers, instruments or affidavits required to apply for, obtain, maintain, issue, and enforce

promptly execute and deliver to ASSIGNEE or its legal representatives any and all

said application, said invention, and said Letters Patent and said equivalents thereof

which may be necessary or desirable to carry out the purpose thereof.

EXECUTED ON, and effective from this
ASSIGNOR:
Name: Hakan Ozdemir
Signature: Signature:
Title (if applicable):
I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be the person named in the assignment, duly sign and execute the same on this day of, 2001 of his own free will for the purpose therein expressed at the following location:
WITNESS
Name: Bouns Posat Signature:

RECORDED: 11/05/2001