Form PTO-1595 , RECOI 11-25 (Rev. 03/01)	5 - 2003 U.S. DEPARTMENT OF COMME U.S. Patent and Trademark O
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/ latin the same news	
To the Honorable Commissioner of Patents and Trademarks:	08762 Please Record the attached original documents or copy thereof.
Name of conveying party(ies):	Name and address of receiving party(tes)
Ubaldo MASTROMATTEO Bruno MURARI	Name: STMicroelectronics S.r.l.
Paolo FERRARI Simone SASSOLINI	Internal Address:
Additional name of conveying party(ies) attached? ☐ Yes ☒ No	J 5 8
Nature of conveyance:	Ψ
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☐ Security Agreement ☐ Change of Name	Via C. Olivetti, 2 City: Agrate Brianza (MI) Zip: I-20041 Country: If
Other	Additional Name(s) & address(es) attached? Yes A
Execution Date: October 22, 2003	Additional Name(s) & address(es) attached? Tes
A. Patent Application No.(s) 10/601,332 Additional numbers at	B. Patent No.(s) ttached? ☐ Yes ☒ No
10/601,332 Additional numbers at 5. Name and address of party to whom correspondence	B. Patent No.(s) ttached? Yes No 6. Total number of applications and patents involved: 1
5. Name and address of party to whom correspondence concerning this document should be mailed:	ttached? ☐ Yes ⊠ No
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5. Name and address of party to whom correspondence concerning this document should be mailed:	ttached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed
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Additional numbers at 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Graybeal Jackson Haley LLP Internal Address: Bryan A. Santarelli Street Address: 155 - 108 th Avenue N.E., Suite 350 City: Bellevue State: WA Zip: 98004-5973 DO NOT US 9. Statement and signature. To the best of my knowledge and belief, the foregoing information.	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00
5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Graybeal Jackson Haley LLP Internal Address: Bryan A. Santarelli Street Address: 155 - 108 th Avenue N.E., Suite 350 City: Bellevue State: WA Zip: 98004-5973 DO NOT US	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00

Approximation of pages hypitating cover sheet information to:

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Washington, D.C. 20231

ASSIGNMENT OF U.S. AND FOREIGN RIGHTS IN INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of good and valuable consideration the adequacy and receipt of which are hereby acknowledged,

ASSIGNOR_ <u>Ubaido MASTROMATTEO</u> residing or having a principal place
of business at 20010 BAREGGIO (Italy) Via Santo Stefano, 27, and a
citizen or juristic entity of <u>Italy</u> ,
ASSIGNOR Bruno MURARI residing or having a principal place
of business at 20052 MONZA (Italy) Via Ardigò, 1, and a
citizen or juristic entity of <u>Italy</u> ,
ASSIGNOR_Paolo FERRARI residing or having a principal place
of business at 21013 GALLARATE (Italy) Via Cavallotti, 14 , and a
citizen or juristic entity of <u>Italy</u> ,
,
ASSIGNOR_Simone SASSOLINI residing or having a principal place
of business at 52037 SANSEPOLCRO (Italy) Via Matteo di Giovanni, 19, and
a citizen or juristic entity of <u>Italy</u> ,
hanshu asili assisus assistantsi
hereby sell, assign, and transfer to:
ASSIGNEE <u>STMicroelectronics S.r.l.</u> , residing or having a principal place of
business at Via C. Olivetti, 2, I-20041 Agrate Brianza (Italy) and a citizen or
juristic entity of <u>Italy</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 MICRO-ACTUATOR FOR HARD-
DISK DRIVE, AND MANUFACTURING PROCESS THEREOF and which is found in
United States patent application serial number10/601,332, filed on
June 20, 2003 (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.

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

ASSIGNORS further covenant 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 ASSIGNORS 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: 014717 FRAME: 0229

ASSIGNORS:

Name: Ubaldo MASTROMATTEO
Signature: Wollo Wastas matta
Title (if applicable):
EXECUTED ON, and effective from this <u>22nd</u> day of <u>October</u> , 2003 at <u>Agrate Brianza</u>
I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be a person named in the assignment, duly sign and execute the same on this 22nd day of 0ctober , 2003 of his own free will for the purpose therein expressed at the following location: <a 22nd"="" href="Mailto:Agrate Brianza]</td></tr><tr><td>WITNESS</td></tr><tr><td>Name: Marisa IERSE</td></tr><tr><td>Signature: Norse Juse</td></tr><tr><td>Name: Bruno MURARI</td></tr><tr><td>Signature: JamaMuran</td></tr><tr><td>Title (if applicable):</td></tr><tr><td>EXECUTED ON, and effective from this <u>22nd</u> day of <u>0ctober</u>, 2003 at Agrate Brianza</td></tr><tr><td>I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be a person named in the assignment, duly sign and execute the same on this 22nd day of October , 2003 of his own free will for the purpose therein expressed at the following location: Agrate Brianza
WITNESS
Name: Marisa IERSE
Signature: Wisa Him

2

Name:Paolo FERRARI
Signature:
Title (if applicable):
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WITNESS
Name:Marisa IERSE
Signature: Consu Hun
Name: Simone SASSOLINI Signature:
Title (if applicable):
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WITNESS
Name: Marisa IERSE
Signature: Noviso Har

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