IBM Docket No. SJO920020072US1 ra Docket No. 00501.0422-US-01

F DTO 4505		05-15-2003	
Form PTO 1595	Re⊢		U.S. Department of Commerce
5-7	.03		Patent and Trademark Office
To the Honorable Commissioner of Patents a		102447.969 _{0 lai uo} o	cuments or copy thereof
Name of conveying party(ies)			ress of receiving party(ies):
Binyam A. Giorgis Hugo A .E. Santini		Locatellikade	al Storage Technologies Netherlands B.V e 1, 1076 AZ Netherlands
Additional names(s) of conveying party(ies) 3. Nature of conveyance:	☐ Yes ☒ No	Additional name(s) & ad	ddresses attached? Yes No
Assignment	Merger Change of Name		
Application number(s) or patent	number(s)		
ii tiiis document is being med to		application, the execution of	late of the application is: April 20, 2003
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5. Name and address of party to we concerning document should be man always. David W. Lynch Address: Altera Law Group	Additional nu/hom corresponde iled:	umbers attached? ☐ Yes ☒ No ence 6. Total number of 7. Total fee (37 C ☒ Enclosed ☐ Authorized 8. Please charge	of applications and patents involved: One IF.R. §3.41) \$40.00 to charged to deposit account any additional fees or credit any
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5. Name and address of party to w concerning document should be made and address. Name David W. Lynch Address: Altera Law Group 6500 City West Part Minneapolis, Minness. 9. Statement and Signature: To the best of my knowledge an copy of the original document.	Additional nu/hom corresponde iled: kway, Suite 100 sota 55344-7704	mbers attached? Yes No Not use This space Yes No	of applications and patents involved: One IF.R. §3.41) \$40.00 to charged to deposit account any additional fees or credit any
5. Name and address of party to w concerning document should be ma Name David W. Lynch Address: Altera Law Group 6500 City West Part Minneapolis, Minnes 9. Statement and Signature: To the best of my knowledge an	Additional nu/hom corresponde iled: kway, Suite 100 sota 55344-7704	mbers attached? Yes No Not use This space Yes No	of applications and patents involved: One i.F.R. §3.41) \$40.00 to charged to deposit account any additional fees or credit any to our Deposit Account number: 50-1038

PATENT REEL: 014054 FRAME: 0082

Hitachi Ref. No.: SJO920020072US1 Altera Ref. No.: 501.422-US-01

PATENT ASSIGNMENT TO CORPORATION WORLDWIDE

WHEREAS,
 Binyam A. Giorgis residing at 5798 Chesbro Ave., San Jose, California 95123 and a citizen of U.S.A.; Hugo A.E. Santini residing at 339 Bodega Way, San Jose, California 95119 and a citizen of U.S.A.; residing at and a citizen of; residing at and a citizen of;
hereafter referred to as "THE UNDERSIGNED", have made an invention entitled MANUFACTURABLE TRUNCATED PROFILE PROBE FOR PERPENDICULAR RECORDING INDUCTIVE;
AND, WHEREAS, Hitachi Global Storage Technologies Netherlands B.V., hereafter referred to as ASSIGNEE, a corporation organized under the laws of the state of the Netherlands and whose place of business is Locatellikade 1, 1076 AZ Amsterdam, is desirous of acquiring the entire right, title and interest in the same;
NOW, THEREFORE in consideration of the sum of One Dollar, the receipt whereof is acknowledged, and other good and valuable consideration, THE UNDERSIGNED hereby sell, assign and transfer unto ASSIGNEE the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to all divisionals, continuations, continuations in part, reissues, reexaminations or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extension of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said invention including an assignment of all rights under the provision of international conventions and all Letters Patent of foreign countries which may be granted therefrom; the UNDERSIGNED hereby authorize the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.
THE UNDERSIGNED, hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts Known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles and benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.
THE UNDERSIGNED represent and agree with said Assignee its successors and assignees, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.
IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below. Buyan (2004) 4/20/03.
Binyam A. Giorgis Date

Date

No Legalization Required

Hugo A .E. Santini

Hitachi Ref. No.: SJO920020072US1 Altera Ref. No.: 501.422-US-01

PATENT ASSIGNMENT TO CORPORATION WORLDWIDE

WHEREAS.

Binyam A. Giorgis residing at 5798 Chesbro Ave., San Jose, California 95123 and a citizen of U.S.A.;

Hugo A.E. Santini residing at 339 Bodega Way, San Jose, California 95119 and a citizen of U.S.A.; 2.

3. residing at and a citizen of

residing at 4

and a citizen of

hereafter referred to as "THE UNDERSIGNED", have made an invention entitled MANUFACTURABLE TRUNCATED PROFILE PROBE FOR PERPENDICULAR RECORDING INDUCTIVE;

AND, WHEREAS, Hitachi Global Storage Technologies Netherlands B.V., hereafter referred to as ASSIGNEE, a corporation organized under the laws of the state of the Netherlands and whose place of business is Locatellikade 1, 1076 AZ Amsterdam, is desirous of acquiring the entire right, title and interest in the same:

NOW, THEREFORE in consideration of the sum of One Dollar, the receipt whereof is acknowledged, and other good and valuable consideration, THE UNDERSIGNED hereby sell, assign and transfer unto ASSIGNEE the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to all divisionals, continuations, continuations in part, reissues, reexaminations or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extension of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said invention including an assignment of all rights under the provision of international conventions and all Letters Patent of foreign countries which may be granted therefrom; the UNDERSIGNED hereby authorize the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED, hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts Known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles and benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said Assignee its successors and assignees, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Binyam A. Giorgis

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04/20/2003

No Legalization Required

RECORDED: 05/07/2003

PATENT REEL: 014054 FRAME: 0084