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FINANCE SECTION

102047510

Commissioner for Patents: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies):

Peter Crane, Zine-Eddine Boutaghou, Wayne
Bonin and Markus Mangold

Additional name(s) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Seagate Technology LLC
Intellectual Property Department
920 Disc Drive
Scotts Valley, CA 95067-0360

3. Nature of conveyance:

- ☒ Assignment
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other:

3.22.02

Execution Date: 02/28/2002; 02/21/2002

Additional names/addresses attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No(s):

10/041,658

B: Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name/address of party to whom correspondence concerning
document should be mailed:

STEPHEN R. SCHAEFER
Fish & Richardson P.C., P.A.
60 South Sixth Street
Suite 3300
Minneapolis, MN 55402

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR §3.41): \$40

- ☒ Enclosed
☐ Authorized to charge Deposit Account.

8. Deposit Account No.: 06-1050

Please apply any additional charges, or any credits, to our
Deposit Account No. 06-1050.

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9. Statement and Signature: *To the best of my knowledge and belief, the foregoing information is true and correct and
any attached copy is a true copy of the original document.*

Stephen R. Schaefer

Reg. No. 37,927

Name of Person Signing

Signature

22 Mar 2002

Date

Total number of pages including coversheet, attachments and document: 11

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CERTIFICATE OF MAILING BY EXPRESS MAIL

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I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as
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March 22, 2002
Date of Deposit

Signature

Vince Defante
Typed Name of Person Signing Certificate

PATENT
REEL: 012750 FRAME: 0884

ASSIGNMENT

For valuable consideration, we, MARKUS MANGOLD of 6040 Russell Avenue South, Minneapolis, Minnesota 55410; ZINE-EDDINE BOUTAGHOU of 307 Lily Pond Lane, Vadnais Heights, MN 55127; WAYNE BONIN of 21 Black Oak Road, North Oaks, Minnesota 55127; PETER CRANE of 6729 Emerson Avenue South, Richfield, Minnesota 55423; hereby assign to: Seagate Technology LLC, a Delaware corporation having a place of business at: 920 Disc Drive, Scotts Valley, CA 95067-0360; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled MONOCOQUE HEAD SUSPENSION, filed October 24, 2001, and assigned U.S. Serial Number 10/041,658; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 20_____

PETER CRANE L.S.

State of _____ :
: ss.
County of _____ :

Before me this _____ day of _____, 20_____, personally
appeared PETER CRANE known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

Notary Public
My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Hennepin County,
this 28th day of February, 2002
ZINE-EDDINE BOUTAGHOU L.S.

State of Minnesota :
: SS.
County of Hennepin :

Before me this 28th day of February, 2002, personally
appeared ZINE-EDDINE BOUTAGHOU known to me to be the person whose name is
subscribed to the foregoing Assignment and acknowledged that he executed the same as his free
act and deed for the purposes therein contained.



Marcelle M. Markuson
Notary Public
My Commission Expires:

[Notary's Seal Here]

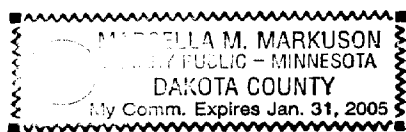
IN WITNESS WHEREOF, I hereto set my hand and seal at Hennepin County,
this 28th day of February, 20 02
Wayne L.S.
WAYNE BONIN

State of Minnesota:

: ss.

County of Hennepin :

Before me this 28th day of February, 20 02, personally
appeared WAYNE BONIN known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.



Marcella M. Markuson

Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Hennepin County,
this 28th day of February, 2002
MARKUS MANGOLD L.S.

State of Minnesota :
: ss.

County of Hennepin :

Before me this 28th day of February, 2002, personally
appeared MARKUS MANGOLD known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.



Marcel M. Mangold
Notary Public
My Commission Expires:

[Notary's Seal Here]

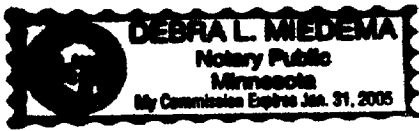
ASSIGNMENT

For valuable consideration, we, MARKUS MANGOLD of 6040 Russell Avenue South, Minneapolis, Minnesota 55410; ZINE-EDDINE BOUTAGHOU of 307 Lily Pond Lane, Vadnais Heights, MN 55127; WAYNE BONIN of 21 Black Oak Road, North Oaks, Minnesota 55127; PETER CRANE of 384 East Lawson Avenue, St. Paul, Minnesota 55101; hereby assign to: Seagate Technology LLC, a Delaware corporation having a place of business at: 920 Disc Drive, Scotts Valley, CA 95067-0360; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled MONOCOQUE HEAD SUSPENSION, filed October 24, 2001, and assigned U.S. Serial Number 10/041,658; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Minneapolis,
this 21st day of March, 2002
Peter Crane L.S.
PETER CRANE

State of MINNESOTA :
: SS.
County of HENNEPIN :

Before me this 21st day of MARCH, 2002, personally
appeared PETER CRANE known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.



Debra L. Miedema
Notary Public
My Commission Expires: 1/31/2005

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 20_____

ZINE-EDDINE BOUTAGHOU L.S.

State of _____ :

: ss.
County of _____ :

Before me this _____ day of _____, 20_____, personally
appeared ZINE-EDDINE BOUTAGHOU known to me to be the person whose name is
subscribed to the foregoing Assignment and acknowledged that he executed the same as his free
act and deed for the purposes therein contained.

Notary Public
My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 20_____

WAYNE BONIN L.S.

State of _____ :
: ss.
County of _____ :

Before me this _____ day of _____, 20_____, personally
appeared WAYNE BONIN known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

Notary Public
My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 20____

L.S.

MARKUS MANGOLD

State of _____ :

: ss.

County of _____ :

Before me this _____ day of _____, 20____, personally
appeared MARKUS MANGOLD known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

Notary Public

My Commission Expires:

[Notary's Seal Here]