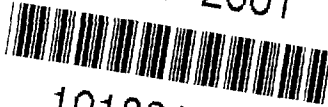


08-31-2001



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SHEET

JC973 U.S. PTO
09/23/2001
08/20/01

Commissioner for Patents: Please record the attached original document(s) on this sheet.	
1. Name of conveying party(ies): George Bellesis, Leo Guglielmo, Tzuochang Lee, Robert Johnson and James Fitzpatrick Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Quantum Corporation 500 McCarthy Boulevard Milpitas, CA 95035 U.S.A. Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: MRO 8-20-01 <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 7/9/2001; 7/9/2001; 7/9/2001; 8/16/2001; 8/16/2001	
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: 7/9/2001; 7/9/2001; 7/9/2001; 8/16/2001; 8/16/2001 A. Patent Application No(s): 09 9339 20 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: PETER J. DEVLIN Fish & Richardson P.C. 225 Franklin Street Boston, Massachusetts 02110-2804	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> 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.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>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.</i> Kenneth F. Kozik Reg. No. 36,572 Name of Person Signing Signature Date Total number of pages including coversheet, attachments and document: 7	

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CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EL 298 426 011 US

I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20531.

August 20, '01
Date of Deposit

Samantha Bell
Signature

Samantha Bell
Typed Name of Person Signing Certificate

PATENT
REEL: 012113 FRAME: 0139

ASSIGNMENT

For valuable consideration, we, GEORGE BELLESIS of Jefferson, MA, LEO GUGLIELMO of Ormond Beach, FL, TZUOCHANG LEE of Shrewsbury, MA, ROBERT JOHNSON of Acton, MA, and JAMES FITZPATRICK of Sudbury, MA, hereby assign to: Quantum Corporation, a California corporation having a place of business at:

500 McCarthy Boulevard
Milpitas, CA 95035; 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 OPTICAL TO MAGNETIC ALIGNMENT IN MAGNETIC TAPE SYSTEM, filed _____, and assigned U.S. Serial Number _____, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; 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 Shrewsbury, MA,
this 9th day of July, 2001.
George Bellesis L.S.
GEORGE BELLESIS

State of Massachusetts :

: ss.

County of Worcester :

Before me this 9th day of July, 2001, personally appeared
GEORGE BELLESIS 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.

Carl J. J. J.
Notary Public

My Commission Expires: May 21, 2004

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Ormond Beach, FL,
this 9 day of July, 2001.
Leo Guglielmo L.S.
LEO GUGLIELMO

State of Florida :
County of Volusia : ss.

Before me this 9th day of July, 2001, personally appeared
LEO GUGLIELMO 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's Seal Here]

Gina A. Welch
Notary Public
My Commission Expires: (H. Drive Lee)

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this 9th day of July, 2001.

TZUOCHANG LEE

L.S.

State of Massachusetts :
: SS.
County of _____ :

Before me this _____ day of _____, 2001, personally appeared
TZUOCHANG LEE 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.

Carolyn A. Cataldo

Notary Public

My Commission Expires:

[Notary's Seal Here]

Carolyn A. Cataldo, Notary Public
Commonwealth of Massachusetts
My Commission Expires 11/20/2003

State of MA, County of Worcester

Signed before me on this 9 day

of July 2001 by T. C. Lee

Notary Public Carolyn Cataldo

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this 16 day of August, 2001.

L.S.

ROBERT JOHNSON

State of Massachusetts :

: ss.

County of Middlesex :

Before me this 16 day of August, 2001, personally appeared ROBERT JOHNSON 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.

Carolyn A. Cataldo
Notary Public

My Commission Expires: 11/20/03

[Notary's Seal Here]

Carolyn A. Cataldo, Notary Public
Commonwealth of Massachusetts
My Commission Expires 11/20/2003

IN WITNESS WHEREOF, I hereto set my hand and seal at Shrewsbury, MA.,
this 16 day of August, 2001.
[Signature] L.S.
JAMES FITZPATRICK

State of Massachusetts :
: ss.
County of Worcester :

Before me this 16 day of August, 2001, personally appeared
JAMES FITZPATRICK 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.

Marjorie A. Creamer
Notary Public

My Commission Expires:

[Notary's Seal Here]

MARJORIE A. CREAMER
Notary Public
My Commission Expires March 20, 2003

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