03-09-2001

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Attorney Docket No. 055872-G99999

2.28.01 REC

SHEET

To the Commissioner of Patents and Traden document(s) or copy(ies) thereof.	narks: Please record the attached original
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Chorum Technologies Inc.	Name: Chorum Technologies LP
Additional name(s) of conveying party(ies)	Internal Address:
attached? Yes No	The state of the s
	Street Address: 1303 East Arapaho Road
	City: Richardson
	State: TX Zip: 75081
3. Nature of Conveyance:	
☐ Assignment ☐ Merger	
☐ Security Agreement	
Other Certificate of Conversion	Additional name(s) & address(es) attached?
3 Execution Date(s): December 6, 2000	□ Yes ⊠ No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new ap execution date of the application is:	plication, the
A. Patent Application No.(s):	B. Patent No.(s) (See Attached Exhibit A)
Additional numbers att	tached? Yes No
Name and address of party to whom correspondence concerning document should be mailed.	6. Total number of patents involved: 20
Name: David H. Tannenbaum	7. Total fee (37 CFR 3.41): \$ 800.00
Internal Address: Fulbright & Jaworski L.L.P.	⊠ Enclosed
Street Address: 2200 Ross Avenue, Suite 2800	Authorization to be charged to deposit account
City: Dallas	8. Deposit account number:
	8. Deposit account number:
DO NOT US	SE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing true copy of the original document.	information is true and correct and any attached copy is a
Jody C. Bishop Name of Person Signing	February 23, 2001 Signature Date
Total number of pages including co	over sheet, attachments, and document. 5
Name of Person Signing Total number of pages including cover sheet, attachments, and document. 5 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231	

REEL: 011551 FRAME: 0426

EXHIBIT A

4. B. Patent number(s):

- 5,606,439
- 5,694,233
- 5,724,165
- 5,867,291
- 5,912,748
- 5,946,116
- 5,963,291
- 5,978,116
- 6,005,697
- 6,049,404
- 6,094,246
- 6,097,518
- 6,115,155
- 6,134,358
- 6,137,606
- 6,141,076
- 6,160,665
- 6,163,393
- 6,166,838
- 6,175,432

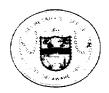
PATENT 10/98-722304
REEL: 011551 FRAME: 0427

State of Delaware

Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "CHORUM TECHNOLOGIES INC." TO A DELAWARE LIMITED PARTNERSHIP, CHANGING ITS NAME FROM "CHORUM TECHNOLOGIES INC." TO "CHORUM TECHNOLOGIES LP", FILED IN THIS OFFICE ON THE SIXTH DAY OF DECEMBER, A.D. 2000, AT 2 O'CLOCK P.M.



Harriet Smith Windson

Secretary of State

2795030 8100V

010010645

AUTHENTICATION: 0901837

DATE: 01-08-01

PATENT REEL: 011551 FRAME: 0428

CERTIFICATE OF CONVERSION

OF CHORUM TECHNOLOGIES INC.

TO A LIMITED PARTNERSHIP

Pursuant to Section 266 of the General Corporation Law of the State of Delaware, it is hereby certified that:

- 1. The corporation Chorum Technologies Inc. was formed under the laws of the State of Delaware.
- 2. The date the corporation Chorum Technologies Inc. was first incorporated was September 10, 1997 under the name Macro-Vision Communications, Inc.
- 3. The name of the corporation immediately prior to the filing of this Certificate is Chorum Technologies Inc.
- 4. The name of the limited partnership into which the corporation shall be converted is Chorum Technologies LP.
- 5. This Certificate of Conversion to Limited Partnership shall be effective at 12:01 p.m. on December 6, 2000, which time and date are subsequent to the date hereof but not later than ninety (90) days following the filing hereof by the Secretary of State of Delaware.

STATE OF DELAWARE SECRETARY OF STATE DIVISION OF CORPORATIONS FILED 02:00 PM 12/06/2000 001610281 - 2795030

GDSVF&17#301508v1

PATENT REEL: 011551 FRAME: 0429 The conversion herein certified has been approved in accordance with the provisions of Section 266 of the General Corporation Law of the State of Delaware.

Dated: December 6, 2000

/s/ Daniel W. Rabun Daniel W. Rabun Secretary

GDSVF&HW301508v1

PATENT REEL: 011551 FRAME: 0430

RECORDED: 02/28/2001