

#### CERTIFICATE OF AUTHORITY **OF**

AMPEY	DATA	SYSTEMS	CORPORATION
AMPLA	UAIA	3131513	COLO. CLOS 1 TOLL

	ENARRUSA, Secretary of State of the State of Idaho, hereby certify that
duplicate originals	of an Application ofAMPEX_DATA_SYSTEMS_CORPORATION
with the same of t	for a Certificate of Authority to transact business in this State.
duly signed and ve	rified pursuant to the provisions of the Idaho Business Corporation Act. have
been received in th	nis office and are found to conform to law.
ACCORDIN	GLY and by virtue of the authority vested in me by law. I issue this Certificate of
Authority to	AMPEX DATA SYSTEMS CORPORATION
to transact busines	s in this State under the nameAMPEX_DATA_SYSTEMS_CORPORATION
	and attach hereto a duplicate original of the Application
for such Certificat	<b>e</b> .
Dated	December 10, 1990
EAT	SEA!
	Set of Comme
	SECRETARY OF STATE
ELITE	
Le Land	
W. F.	Corporation Clerk
	W

#### APPLICATION FOR CERTIFICATE OF AUTHORITY

(Profit Corporation)

To ti	he Sec	retary of	State	of Idaho

Pursuant to Section 30-1-110, Idaho Code, the undersigned Corporation hereby applies for a Certificate of Authority to transact business in your State, and for that purpose submits the following statement:

1.	The name of the corporation is	Ampex Data S	ystems Corporation
2.	The name which it shall use in I	daho is	
	(To be used only when require Board of Directors resolution a	d to avoid a conflict w dopting assumed name	ith a name already on file. Must be accompanied by a in Idaho.)
3.	It is incorporated under the law	ofDelaware	
4.	The date of its incorporation is	January	18, 1990 and the period of its duration
	is perpetual		90 1
<b>5</b> .	The address of its principal offi	ce in the state or count	ry under the laws of which it is incorporated in
	32 Lookerman Square.	Suite L100, Dove	. DE 19901
6.			seed, if different from that in item 5. =
	401 Broadway - M/S 3-	36, Redwood City,	CA 94063-3199 🚓 📆
7.	The street address of its propose	d registered office in Id	aho is 300 North 6th Street
	Boise, Idaho 83701		, and the name of its proposed
	registered agent in Idaho at that	address is CTCO	RPORATION SYSTEM
8.	The purpose or purposes which	it proposes to pursue i	n the transaction of business in Idaho are:
	Design, manufacture	and sale of inst	rumentation and
	computing memory dev	ices.	
9.	The names and respective address	esses of its directors an	d officers are:
	Name	0.00	
		Office	Address
	See attached rider		
			(continued on reverse)

ACA 785 File Two Copies along with a Certificate of Corporate Status or Existence Profit (IDAHO - 2542 - 10/21/85)

Fee: \$60

Name	Office	Address
See attached rider		
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	hall comply with the pro	visions of the Constitution and the laws of the State of
Idaho.		
		rporate Status or Existence, duly authenticated by th
proper officer of the state	or country under the	laws of which it is incorporated.
Dated: Nov 14, 199	10	
	<b>.</b>	. Data fuctoms Componetion
	Ampea	x Data Systems Corporation
		(Corporation Name)
	By	or which
		Its President/Vice President (please specify) raicott, Vice President & Secretary
		Talcott, vice Fresident a Secretary
	and All	Its Secretary/Assistant Secretary (please specify)
STATE OF California	, Peter P.	Severson, Assistant Secretary
STATE OF	<del></del> {	•
COUNTY OF San' Mateo	) <b>86</b> : )	
1	,	•
i, then	ansen Ollege	, a notary public, do hereby certify that o
144	. novemb	, 19 90 , personally appeared befor
this day	/ OI	, 19, personally appeared before
me Joel D. Talcott and P	eter P. Severson	., who being by me first duly sworn, declared that (s)h
Vice President & Sec	retary,	
sthe Assistant Secretary	ofAm	pex Data Systems Corporation
<b>∴</b>		
	Vice Presi	ident & Secretary
that folks signed the foregoing doc	A J A A	Secretary of the corporation and tha
that (s)he signed the foregoing docu the statements therein contained as		of the corporation and the
and secondaries photolic contenties si	1 <b>- 1                                 </b>	
	<del>ممر</del>	
OFFICIAL SEAL SHERI JANSEN-OLLIGE	=s	
NOTARY PUBLIC - CALIFORN		1
STN MATEO COUNTY My et et expires APR 9, 1	1993	Then Janen Ollige
Property of the Samuel		Notary Public

# AMPEX DATA SYSTEMS CORPORATION Officers of the Corporation

Name	Title	Address/SS#
Robert L. Atchison	President	401 Broadway Redwood City CA 94063 378-34-6490
Allen L. Conrad	General Manager	401 Broadway Redwood City CA 94063 136-30-2004
Melinda M. Cox	Assistant Secretary	401 Broadway Redwood City CA 94063 571-82-8387
Robert W. Harper	Vice President and Corporate Controller	401 Broadway Redwood City CA 94063 136-44-0468
William B. Heye, Jr.	Vice Chairman	401 Broadway Redwood City CA 94063 449-54-0719
Cherrie L. Jurado	Assistant Treasurer	401 Broadway Redwood City CA 94063 559-21-8574
Lynn B. King	Vice President	401 Broadway Redwood City CA 94063 409-70-2148
Leslie E. Schenk	Vice President and Treasurer	401 Broadway Redwood City CA 94063 117-42-4125
Peter P. Severson	Assistant Secretary	401 Broadway Redwood City CA 94063 160-28-0887
Joel D. Talcott	Vice President and Secretary	401 Broadway Redwood City CA 94063 351-34-6789
Judith Vitha	Assistant Secretary	280 Park Avenue New York NY 10017 106-48-8996

# AMPEX DATA SYSTEMS CORPORATION Members of the Board of Directors

Member	Secretary	Address and SS#
ATCHISON, Robert L.	Denise Dunlap (415) 367-2291	401 Broadway Redwood City CA 94063 378-34-6490
BRAMSON, Edward J.	Joan Kane (212) 759-6301	65 E. 55th St., 26th Floor New York NY 10022 537-72-3404
HEYE, William B., Jr.	Gail Cooper (415) 367-3515	401 Broadway Redwood City CA 94063 449-54-0719
RITCHIE, Ronald J. Chairman	Caryl Britton (415) 367-4117	401 Broadway Redwood City CA 94063 466-64-5543



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### Office of Secretary of State

I, MICHAEL HARKINS, SECRETARY OF STATE OF THE STATE OF
DELAWARE DO HEREBY CERTIFY AMPEX DATA SYSTEMS CORPORATION IS DULY
INCORPORATED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN
GOOD STANDING AND HAS A LEGAL CORPORATE EXISTENCE SO FAR AS THE
RECORDS OF THIS OFFICE SHOW, AS OF THE DATE SHOWN BELOW.

AND I DO HEREBY FURTHER CERTIFY THAT THE FRANCHISE TAXES HAVE BEEN PAID TO DATE.

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Michael Harkins, Secretary of State

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AUTHENTICATION:

DATE:

11/30/1990