State of Idaho

Office of the Secretary of State

OF TOSOH QUARTZ, INC.

File Number C 172079

I, BEN YSURSA, Secretary of State of the State of Idaho, hereby certify that an Application for Certificate of Authority, duly executed pursuant to the provisions of the Idaho Business Corporation Act, has been received in this office and is found to conform to law.

ACCORDINGLY and by virtue of the authority vested in me by law, I issue this Certificate of Authority to transact business in this State and attach hereto a duplicate of the application for such certificate.

Dated: March 19, 2007



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By Conthi La



APPLICATION FOR CERTIFICATE **OF AUTHORITY (For Profit)**

(Instructions on Back of Application)

2007 MAR 19 PH 12-144

ne undersigned Corporation applies for	r a Certificate of Authority and	etates as follows:
The name of the corporation is: TOSOH Quartz, Inc.	a definitate of Audionty and	
The name which it shall use in Idah	o is: TOSOH Quartz, Inc	·
It is incorporated under the laws of:	_	
Its date of incorporation is: Marci		
The address of its principal office is 14380 NW Science Park Dr.		
The address to which corresponder	nce should be addressed, if d	ifferent from item 5, is:
The street address of its registered and its registered agent in Idaho at	omice in Idano is:,	Main St., Ste. 100, Boise, ID 83702
The names and respective business		
Name	Office Held	Business Address
Roger Wood	President/Director	14380 NW Science Pk Dr, Ptld, OR 97229
Jeffrey Wessel	Corporate VP/Director	14380 NW Science Pk Dr, Ptld, OR 97229
Robert Jarrett	Secretary/Treasurer	14380 NW Science Pk Dr, Ptld, OR 97229
Mark Sandifer	Corporate VP	14380 NW Science Pk Dr, Ptld, OR 97229
See attached for addt'l directors		
ated:	Asserted to the second	Customer Acct # :
gnature: 1/2 boots	Janes	(if using pre-paid account) Secretary of State use only
ped Name: Robert S. Jarrett		0,000 0 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0 0,000 0
apacity: Secretary The signer must be a director or a	an officer of the compration I	IDAHO SECRETARY OF STATE 03/19/2007 05:0 CK: 45684 CT: 183392 BH: 1846 1 8 180.88 = 180.88 AUTH PRO
[ine signer must be a director of t	an unicer of the corporation.	1 0 20.00 = 20.00 EXPEDITE C

C/72079

8. Continued: The names and respective business addresses of its directors and officers are:

Chairman of the Board: Gunther Weiss 14380 NW Science Park Drive Portland, OR 97229

Director: Shinji Kurata SHIBA-Koen First Building 3-8-2 SHIBA, MINATO-ku, Tokyo, Japan 105-8623

Director: Kenichi Udagawa TOSOH International 3-8-2, Shiba, MINATO-ku, Tokyo, Japan 105-8623 Director: Yutaro Okabe TOSOH Quartz Japan 11-4, 1-Chome, HIGASHI-UENO, TAITO-ku, Tokyo, Japan 110-0015

Director: Yojiro Takahashi TOSOH America 3600 Gantz Road Grove City, OH 43123

Director: Yutaka Nakamura TOSOH America 3600 Gantz Road Grove City, OH 43123

CERTIFICATE

State of Oregon

OFFICE OF THE SECRETARY OF STATE Corporation Division

I, BILL BRADBURY, Secretary of State of Oregon, and Custodian of the Seal of said State, do hereby certify:

TOSOH QUARTZ, INC.

was

incorporated

under the Oregon

Business Corporation Act

on

March 23, 1976

and is active on the records of the Corporation Division as of the date of this certificate.



In Testimony Whereof, I have hereunto set my hand and affixed hereto the Seal of the State of Oregon.

BILL BRADBURY, Secretary of State

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Debra L. Virag

March 14, 2007