orm PTO-1595 (Rev. 07/05) DMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office		
RECORDATION FORM COVER SHEET PATENTS ONLY For the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.			
		1. Name of conveying party(ies)	2. Name and address of receiving party(les)
		SDZ, LLC	Name: DZS, LLC
	Internal Address:		
Additional name(s) of conveying party(ies) attached? Yes No. 3. Nature of conveyance/Execution Date(s): Execution Date(s) 3/18/05 (Effective Date 3/31/05)	Street Address: 5141 Craig Rath Blvd.		
☐ Assignment ☐ Merger ☐ Security Agreement	City: Midlothlan		
Joint Research Agreement	State: Virginia		
Government Interest Assignment	Country: USA Zip: 23112		
Executive Order 9424, Confirmatory License Other	Additional name(s) & address(es) attached? Yes Vo		
10/790,905 Additional numbers a	attached? Yes No		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
Name:The H.T. Than Law Group	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
Internal Address: Suite 560	Authorized to be charged by credit card		
Street Address: 1010 Wisconsin Avenue NW	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)		
City: Washington	8. Payment Information		
State: DC Zip:20007	a. Credit Card Last 4 Numbers 1005 Expiration Date 05/07		
Phone Number: <u>202-363-2620</u>	b. Deposit Account Number		
Fax Number: 202-363-3490	Authorized User Name		
Email Address: info@htthan.com	/ MILION 1995		
9. Signature: Than Signature	2 June 200 G Date		
H.T. Than Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:		

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

Communication althor Hiczginia



State Corporation Commission

I Certify the Following from the Records of the Commission:

The name of SDZ, LLC was changed to DZS, LLC pursuant to a certificate of amendment issued by the Commission effective as of March 31, 2005.

Nothing more is hereby certified.



Signed and Sealed at Richmond on this Date: May 31, 2005

Joel H. Peck, Clerk of the Commission

CIS0353

2023633490

ARTICLES OF AMENDMENT SDZ, LLC

The undersigned limited liability company, pursuant to Chapter 12, Article 2 of Title 13.1 of the Code of Virginia, states as follows:

ONE

The name of the limited liability company is SDZ, LLC (the "Company").

TWO

Article 1 of the Articles of Organization is hereby amended to read in its entirety as follows:

The name of the limited liability company is DZS, LLC."

THREE

The foregoing amendment to the Articles of Organization was adopted on March 18, 2005.

FOUR

The foregoing amendment to the Articles of Organization was approved by a majority vote of the members entitled to vote.

The undersigned, as Manager of SDZ, LLC, declares that the facts herein stated are true as of March 18, 2005.

SDZ, LLC .

By: BSD&E, LLC

Its: Manager and Majority Member

President

COMMONWEALTH OF VIRGINIA STATE CORPORATION COMMISSION

AT RICHMOND, MARCH 31, 2005

The State Corporation Commission has found the accompanying articles submitted on behalf of

DZS, LLC

(formerly known as SDZ, LLC)

to comply with the requirements of law, and confirms payment of all required fees. Therefore, it

CERTIFICATE OF AMENDMENT

be issued and admitted to record with the articles of amendment in the Office of the Clerk of the Commission, effective March 31, 2005.

STATE CORPORATION COMMISSION

By Mark be Christia

Commissioner

05-03-21-4288 LLAACPT

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State Corporation Commission

I Certify the Following from the Records of the Commission:

The foregoing is a true copy of the articles of amendment filed in the Clerk's Office of the Commission on March 31, 2005 by DZS, LLC, a Virginia ilmited liability company.

Nothing more is hereby certified.

2023633490



Signed and Sealed at Richmond on this Date: June 17, 2005

CI\$0316

PATENT REEL: 017731 FRAME: 0844

RECORDED: 06/02/2006