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Irrevocable Stock or Bond Power

Use this form to allow Fidelity Brokerage Services LLC to facilitate the processing of your certificate(s). This form takes the place of an original signature on the certificate. Original form must be mailed to Fidelity. Type on screen or fill in using CAPITAL letters and blue ink. If you need more room for information or signatures, use a copy of the relevant page.

1. Registration

Provide the name(s) exactly as they appear on the certificate. Name(s) as shown on the Certificate Entity/Business/Trust Name

2. Irrevocable Stock or Bond Power for Value Received

The undersigned does (do) hereby sell, assign and transfer to the person listed the following attached stock or bond, as applicable.

Person or Entity Who Will Receive the Securities

The undersigned does (do) hereby irrevocably constitute and appoint National Financial Services LLC ("NFS"), as attorney-in-fact to transfer the said stock(s) or bond(s) as the case may be, on the books of said Company, with full power of substitution in the premises.

3. Signatures Form cannot be processed without signatures.

If the stock is registered in more than one name, all parties must sign below exactly as their name(s) appear on the certificate(s).

Print Account Owner/Trustee Name First, M.I., Last Account Owner/Trustee Signature		Print Additional Account Owner/Trustee Name First, M.I., Last Additional Account Owner/Trustee Signature						
For Fidelity Use Only If stocks, complete this portion: Common Stock Preferred Stock		If bonds, comple	te this portion:					
Number of Shares	Certificate Number	Number of Bonds	Principal Amount Face Value	Certificate Number				
Name of Issuer	Certificate Number	Name of Issuer Comp	any or Municipality	Certificate Number				
MEDALLION SIGNATURE G		ME	DALLION SIGNATURE GUAR					

Return the original form to Fidelity Investments, Attention: Banking Services, 100 Crosby Parkway, Mailzone KC1N, Covington, KY 41015

Fidelity Brokerage Services LLC, Member NYSE, SIPC