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m PTO-1595 (Rev 03-09) 01 / 03 /	
8 No 0851-0027 (exp. 03/31/2009)	United States Patent and Tradeniark Office
10361	4784 _ments or the new address(es) below.
To the Director of the U.S. Paten.	2. Name and address of receiving party(les)
1. Name of conveying party(les): Zheng Lou	
Zirong Cou	Name: LGD Technology, LLC
	Internal Address:
Additional name(s) of conveying party(lee) attached? Yes X No	Street Address:
3. Nature of conveyance/Execution Date(s):	
Execution Date(s): December 4, 2010	11200 Fellows Creek Drive
X Assignment Merger Change of Name	
Security Agreement Joint Research Agreement	City: Plymouth
Government Interest Assignment	State: Michigan
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 48170
Other	Additional name(s) & address(es) Yes X No stached?
A. Application or patent number(s): A. Patent Application No.(s)	This document is being filed together with a new application. B. Patent No.(3)
12/802.266	S. 1 atom 110/(0)
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Additional numbers attached	17 Yes XNo
ADDITIONS REPORTS AREASONS	
Name and address to whom correspondence concerning document should be malled:	6. Total number of applications and patents involved:
Name: Zheng Lou	
<u>-</u>	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Street Address: 11200 Fellows Creek Dr	Authorized to be charged to deposit account
mailed: 12/30/201	O X Enclosed
Thursday of Taylor	None required (government interest not affecting title)
,	6. Payment information
City: Plymouth State MI Zip: 48170	- o saldante una mana
State. MI cip: 44170	-
Fax Number:	Deposit Account Number
mail Address:	Authorized User Name 01/83/2011 KNEWENT 80000013 1289
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Signature	Date
Zheng Lou	Total number of pages including cover sheet, attachments, and documents:
Name of Person Signing	
CERTIFICATE OF MAIL	
hereby certify that this paper is being deposited with the U.S. P.	ostal Service on the data indicated below and is addressed
hereby certify that this paper is being deposited with the U.S. Por Mail Step ASSIGNMENT, Commissioner for Patents, PO E	
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REEL: 025630 FRANT: 2009 & - 330

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made by Zheng Lou (hereinafter referred to as Assignor), residing at 11200 Fellows Creek Drive, Plymouth, Michigan 48170;

WHEREAS, Assignor has invented certain new and useful improvements in CROSSOVER VALVE SYSTEMS, set forth in a Utility application for Letters Patent of the United States, filed on June 3, 2010 as U.S. Application No. 12/802,266; and

WHEREAS, LGD Technology, LLC, having its principal place of business at 11200 Fellows Creek Drive, Plymouth, Michigan 48170 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent abovementioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Utility

PATENT REEL: 025630 FRAME: 0092 application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 12/4/2010

Signature:

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