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Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)	01-23-2006 INT OF COMMERCE
PATEN	111111111111111111111111111111111111111
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents of the inc., address(es) below.
Name of conveying party(ies):	2. Name and address of receiving party(ies)
Xiangdong Liu, Yujin Luo, Yuanyi Zhang, Jingnan Huang, Weifeng Zhuang, Dekui Zhang, Yanpin Ren, Ming Li, Chuang Meng, Shan Jiang	Name: Lenovo (Beijing) Limited Internal Address:
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address:
3. Nature of conveyance/Execution Date(s): Execution Date(s): X Assignment Merger Change of Name	6 Chuangye Road Shangdi Information Industry Base Haidian District
Security Agreement Joint Research Agreement	City: Beijing
Government Interest Assignment	State:
Executive Order 9424, Confirmatory License Other	Country: CHINA Zip: 100085 Additional name(s) & address(es) Yes X No attached:
Additional numbers attached?	Yes X No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Charles E. Miller DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Internal Address: Atty. Dkt.: L4050.0004 Street Address: 1177 Avenue of the Americas 41st Floor	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 X Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
City: New York	8. Payment Information
State: NY Zip: 10036-2714	a. Credit Card Last 4 Numbers 1001
Phone Number: (212) 835-1430	Expiration Date01/07
Fax Number: (212) 997-9880	b. Deposit Account Number Authorized User Name
Email Address: MillerCharles@dsmo.com	Audionzed Oser Name
9. Signature: ###################################	January 18, 2006 Date
Hua Gao - 40,414	Total number of pages including cover sheet, attachments, and documents:
Name of Person Signing	

01/19/2006 SZEWDIE1 00000151 10539603 Q1 FC:802%

WHEREAS, We, Xiangdong LIU, Yujin LUO, Yuanyi ZHANG, Jingnan HUANG, Weifeng ZHUANG, Dekui ZHANG, Yanpin REN, Ming LI, Chuang MENG, and Shan JIANG, as assignors, have invented certain improvements in METHOD OF CALLING SERVICE AMONG DEVICES IN HOME NETWORK, for which an application for United States Letters Patent has been executed by us of even date herewith; and

WHEREAS, LENOVO (BEIJING) LIMITED, address: #6 Chuangye Road, Shangdi Information Industry Base, Haidian District, Beijing, P.R. China 100085, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefore.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, We, as assignors, hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefore in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting there from to said assignee herein, as assignee of the entire interest therein; and the undersigned for ourselves and our legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

Date: 07/06/2005	Xiangdong LIU Xiangdong LIU
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Date: 07/06/2005	Yujin Luo
	Yujin LUO
Date: 07/06/2005	Juanyi 2HANG
	Yuanyi ZHANG

DOCSNY.153114.1

PATENT APPLICATION ASSIGNMENT
SOLE OR JOINT INVENTORS
EXECUTED OUTSIDE U.S.A

LEGALIZATION RECOMMENDED

FILE NO. L4050.0004 FP05025US

Date: 07/06/2005	Jingnan HUANG
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	Shan JIANG

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RECORDED: 01/18/2006

PATENT REEL: 017475 FRAME: 0235