

12-18-03



102634391

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof:

**1. Name of Conveying Party or Parties:**  
 1. Takashi Abe 2. Hiroyuki Ariga  
 Additional Names of conveying party or parties attached?  
 Yes  No

**2. Name and address of receiving party or parties:**  
 Kabushiki Kaisha Toshiba  
 1-1, Shibaura 1-chome  
 Minato-ku, Tokyo  
 JAPAN  
 Additional Name(s) and address(es) attached?  Yes  No

22154 U.S. PTO  
29/195804  
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**3. Nature of Conveyance:**  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
 Execution Date: December 8, 2003

**4. Application Number(s) or Patent Number(s):** 291198804  
 If this document is being filed together with a new application, the execution date of the application is: December 8, 2003

**A. Patent Application Number(s):**  
 Additional Numbers attached?  Yes  No

**B. Patent Number(s):**

**5. Name and address of party to whom correspondence concerning the document should be mailed:**  
 Joseph M. Potenza  
 Banner & Witcoff, Ltd.  
 1001 G Street, N.W., Suite 1100  
 Washington, D.C. 20001-4597

**6. Total Number of Applications and patents involved:**  
**7. Total fee (37 CFR 3.41) .....** \$ 40.00  
 Enclosed  
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 Please charge or credit our deposit account for any additional or refunded fees associated with recording this assignment  
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**9. Statement and Signature:**  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*  
Brian E. Hanlon, Reg. No. 40,449      Brian E. Hanlon      December 18, 2003  
 Name of Person Signing      Signature      Date  
 Total Number of Pages including Cover Sheet: 3

## ASSIGNMENT

WHEREAS, we, Takashi ABE, and Hiroyuki ARIGA, citizens of Japan, residing at 2-15-3-1107, Masago, Mihama-ku, Chiba-shi, Chiba-ken, Japan; 1-9-3, Honda, Kokubunji-shi, Tokyo, Japan, respectively have invented a "TELEPHONE SET" for which an application for a Patent of the United States was executed on even date herewith; and

WHEREAS, Kabushiki Kaisha Toshiba, a corporation of Japan, having a place of business at 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan hereinafter the Assignee, is desirous of confirming that it has already been assigned, or, if not already assigned, is desirous of acquiring the entire worldwide legal and beneficial right, title and interest in and to the aforesaid invention, in and to the aforesaid application and in and to any Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof anywhere in the world which may be granted for said invention, including the right to claim priority of the respective United States Patent application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the aforesaid Takashi ABE and Hiroyuki ARIGA by these presents do confirm that we did sell, assign and transfer or, if not already done so, do sell, assign and transfer unto Kabushiki Kaisha Toshiba, its successors, legal representatives and assigns, the full, exclusive and worldwide right in and to said invention as described in said application, in and to the aforesaid application and in and to any Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof anywhere in the world which may be granted for said invention and in and to any and all divisions, reissues, continuations, extensions and renewals thereof, including the right to claim priority of the respective United States Patent application;

AND WE HEREBY agree that the said Assignee may apply for and receive Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof anywhere in the world for said invention in its own name, we further authorize and request the Commissioner of Patents and Trademarks or any other proper officer or agency of any country to record this assignment and issue all said Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof to said Assignee;

AND WE HEREBY warrant and covenant that we either had or do have the full right to convey the entire interest herein assigned at the time of the sale, assignment and transfer;

AND WE HEREBY warrant and covenant that we have not executed and will not execute any instrument or assignment in conflict herewith;

AND WE HEREBY agree to communicate to said assignee or its representatives any facts known to us respecting said invention, to execute all divisional, continuation, renewal,

