FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE 09-11-1998 1-31-92 Patent and Trademark Office UKED Attorney Dkt. 2271/55332 To the Honorable Cor Jocuments or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying part Name: Ricoh Company, Ltd. Nobuo TAKAMI Additional name(s) of conveying party(ies) attached? Internal Address: Yes No 3. Nature of Conveyance: Street Address: 3-6, 1-Chome Nakamagome, Ohta-Ku X Assignment Merger City/Country Tokyo 143-8555, JAPAN Change of Name Security Agreement Additional name(s) & address(es) attached? Other____ Yes X No Execution Date: July 29, 1998 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) S.N. 08/992,995 filed December 18, 1997 Yes X No Additional numbers attached? 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41):. \$ 40 Name: Richard F. Jaworski X Enclosed Internal Address: Authorized to be charged to Deposit Account 8. Deposit account number: Street Address: Cooper & Dunham LLP 03-3125 1185 Avenue of the Americas City: New York State: N.Y. ZIP 10036 DO NOT USE THIS SPACE 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. Richard F. Jaworski Reg. No.33,515 Name of Person Signing Total Number of pages including cover sheet: OMB No. 0651-0011 (exp. 4/94) Do not detach this portion Mail documents to be recorded with required cover sheet information to: 09/01/1998 EWARREN 00000018 08992995

01 FC:581

40.00 DP

Assistant Commissioner for Patents **Box Assignments** Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the office of Management and Budget, Paperwork Reduction Project. (0651-0011). Washington, D.C. 20503

> PATENT REEL: 9432 FRAME: 0698

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I, the undersigned,

Nobuo TAKAMI, now residing at 55-12 minamichou, itabashi-ku, Tokyo, Japan

Hereby sell, assign and transfer to RICOH COMPANY, LTD., a corporation of Japan, having a place of business at 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143 - 8555 Japan, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed, in the application for United States Patent, which was executed by the undersigned concurrently herewith and is entitled

OPTICAL COMMUNICATING DEVICE USED BETWEEN A REVOLVING TYPE DEVELOPING DEVICE AND AN IMAGE FORMING APPARATUS (Application S.N. 08/992,995 filed December 18, 1997)

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later

PATENT REEL: 9432 FRAME: 0699 modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

	Nobuo Takami Nobuo TAKAMI	[L.S.]
Date: July 29, 1998		
Witness:		

PATENT
RECORDED: 08/24/1998 REEL: 9432 FRAME: 0700