

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Ayumu ODA	08/31/2009
Nobuhiro SHIRAI	08/31/2009
<b>RECEIVING PARTY DATA</b>	
Name:	SHARP KABUSHIKI KAISHA
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<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12552390
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NAME OF SUBMITTER:	Mark D. Saralino
Total Attachments: 2 source=12552390Assignment#page1.tif source=12552390Assignment#page2.tif	

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**PATENT**  
**REEL: 023182 FRAME: 0177**

**ASSIGNMENT**

**WHEREAS:**

NAME(S) AND  
ADDRESS(ES) OF  
INVENTOR(S)

Ayumu ODA  
c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka  
545-8522 Japan

Nobuhiro SHIRAI  
c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka  
545-8522 Japan

(hereinafter referred to as ASSIGNOR), have invented a certain invention entitled:

TITLE OF  
INVENTION

**OPTICAL SCANNING APPARATUS AND IMAGE FORMING APPARATUS**

for which application for Letters Patent of the United States has been:

PARTICULARS OF  
APPLICATION

☐ [ X ] executed concurrently herewith,  
☒ [ X ] filed under U.S. Application No. 12/552,390 on 02 SEPT 2009, or  
☐ [ ] filed under Express Mail Label No. \_\_\_\_\_ on \_\_\_\_\_.

**WHEREAS:**

NAME, STATE OF  
INCORPORATION  
AND ADDRESS OF  
ASSIGNEE

SHARP KABUSHIKI KAISHA  
22-22, Nagaike-cho, Abeno-ku, Osaka-shi  
Osaka 545-8522 Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention (including all inventions should said application be deemed to include multiple inventions).

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that ASSIGNOR has the full power to make this assignment and that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and that ASSIGNOR will testify as to the same in any legal proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce patent protection for said invention in all countries.

I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this assignment document when that information becomes available.

Attorney Docket No.

FULL NAME(S) OF  
INVENTOR(S)

Date August 31, 2009

Ayumu Oda  
Ayumu ODA

Date August 31, 2009

Nobuhiro Shirai  
Nobuhiro SHIRAI

Date \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_