Docket No.: 57202 (70904) FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE ΞT 03-28-2002 (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03 Tab settings → → 102035160 To the Honorable Commissioner of Pate attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): Saburou KITANO Name: Sharp Kabushiki Kaisha -19-02 Address: 22-22 Nagaike-cho Abeno-ku Additional names(s) of conveying party(ies) Yes X No 3. Nature of conveyance: ★ Assignment Merger City: Osaka 545-8522 \_\_\_\_ State/Prov.: Security Agreement Change of Name Country: Japan ZIP: Other \_ Execution Date: March 1, 2002 Additional name(s) & address(es) ☐ Yes ⊠ No 10,101015 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: March 19, 2002 B. Patent No.(s) Filing date Patent Application No. Unassigned Herewith 03/22/2002 MGEBREM1 00000086 10101015 40.00 G 02 FC:581 ☐ Yes 🛛 No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Steven M. Jensen 7. Total fee (37 CFR 3.41):.....\$ 40.00 Registration No. Reg. No. 42,693 ☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: Dike, Bronstein, Roberts & Cushman Authorized to be charged to deposit account Intellectual Property Practice Group 8. Deposit account number: EDWARDS & ANGELL, LLP, P. O. Box 9169 04-1105 State/Prov.: MA City: Boston (Attach duplicate copy of this page if paying by deposit account) ZIP: 02209 Country: USA 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

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

'Signature

of the original document.

Steven M. Jensen

Name of Person Signing

**PATENT** 

March 19, 2002

Date

REEL: 012710 FRAME: 0658

Attorney Docket No.\_ Page 1 of 2

## **ASSIGNMENT**

\*\*\*\*\*\*

whereas, the following inventor	s): Saburou KHANO	,
hereinafter designated as the undersigned	d) has (have) invented certain ne	w and useful improvements
in SWITCHING POWER SUPPLY DEVICE	, for which application for L	etters Patent of the United
States has been filed on	, Serial No	; and
WHEREAS, SHARP KABUSHIKI K principal place of business at <u>Osaka, J</u>	·	, corporation , having its , its heirs,
successors, legal representatives and as acquiring the entire right, title and intermay be granted therefor in the United Sta	est in and to said invention and	

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration to the undersigned, the receipt of which is hereby acknowledged, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America and its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to furnish all pertinent facts and documents relating to said application, said invention and said patent(s) as may be known and accessible to the undersigned, and will testify as to the same in any interference or litigation related thereto, and will promptly execute and deliver to Assignee any and all papers, instruments or affidavits necessary or desirable to apply for, obtain, maintain or enforce said application or said patent(s) in connection with any interference which may be declared, and any litigation concerning this application or any continuation, division or reissue thereof or Patent(s) or reissue patent(s) issued thereon, and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

PATENT REEL: 012710 FRAME: 0659 The undersigned hereby grant(s) the law firm of Edwards & Angell, LLP, of P.O. Box 9169, Boston, Massachusetts 02209, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he or she has the full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement in conflict herewith.

In witness whereof, signed by the undersigned on the date(s) opposite the undersigned names.

Date: Mar. 1, 2002	Signature of Inventor: Jaburou Kitano		
	Name: Saburou KITANO		
Date:	Signature of Inventor:		
	Name:		
Date:	Signature of Inventor:		
	Name:		
Date:	Signature of Inventor:		
	Name:		
Date:	Signature of Inventor:		
	Name:		
Date:	Signature of Inventor:		
	Name:		

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RECORDED: 03/19/2002

PATENT REEL: 012710 FRAME: 0660