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HOMAS M. CHAMPAGNE* ROBERT H. BERDO, JR CHARLES W PETERSON, JR.1 QIXIA ZHANG, Pat. Agent (China)

'ADMIT' ED TO A BAR OTHER THAN D.C.

RECORDATION COVER SHEET - PATENT APPLICATION

NAME OF CONVEYING PARTY : Akihiko TAKAHASHI, Shinichi TAKEMURA.

Yasuhiro GOTO, and Chitoshi UEKI

MOV 2 3 1999

NAME OF RECEIVING PARTY : KYOCERA CORPORATION

ADDRESS OF RECEIVING PARTY : 6 Takeda Tobadono-cho, Fushimi-ku

Koto 612-8501, Japan

NATURE OF CONVEYANCE : Other - Corrective Assignment to correct Assignor

on document previously recorded at Reel 9925.

Frame 0638

CONVEYANCE EXECUTION DATE : April 13, 1999

PATENT APPLICATION NO. 09/299,583

APPLICATION FILED TOGETHER

WITH THIS DOCUMENT : Yes

APPLICATION EXECUTION DATE : April 13, 1999 and April 16, 1999

CORRESPONDENCE ADDRESS : RABIN & CHAMPAGNE, P.C

1725 K Street, N.W. - Suite 1111

Washington, D.C. 20006

ATTORNEY REFERENCE : AI 166

TOTAL NUMBER OF PATENTS

AND APPLICATIONS INVOLVED : One

TOTAL FEE PAID : \$40.00

METHOD OF PAYMENT Enclosed

Authorized to be charged to

deposit account

In the event there is attached hereto no check, or a check for an insufficient amount, please charge the fee to our Account No. 18-0002 and notify us accordingly.

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.

November 23, 1999

Date

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> Stevén M. Rabin Registration No. 29,102

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Total number of pages including cover sheet, attachments and document: 5

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PATENT

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REEL: 010413 FRAME: 0743

DOUGLAS J. RYDER*

CHARLES W. PETERSON, JR.* *ADMITTED TO A BAR OTHER THAN D.C.

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19/299,583

RECORDATION COVER SHEET - PATENT APPLICATION

NAME OF CONVEYING PARTY

: Akihiko TAKAHASHI, Shinichi TAKEMURA,

Yasuhiro GOTO, and Chitose UEKI

NAME OF RECEIVING PARTY

: KYOCERA CORPORATION

ADDRESS OF RECEIVING PARTY

: 6 Takeda Tobadono-cho, Fushimi-ku

Kyoto 612-8501, Japan

NATURE OF CONVEYANCE

: Assignment of U.S. patent application

CONVEYANCE EXECUTION DATE

: April 13, 1999

PATENT APPLICATION NO.

: To Be Assigned

APPLICATION FILED TOGETHER

WITH THIS DOCUMENT

: Yes

APPLICATION EXECUTION DATE

: April 13, 1999 and April 16, 1999

CORRESPONDENCE ADDRESS

: RABIN & CHAMPAGNE, P.C. 1725 K Street, N.W., Suite 1111

Washington, D.C. 20006

ATTORNEY REFERENCE

: Al 166

TOTAL NUMBER OF PATENTS

AND APPLICATIONS INVOLVED

: One **TOTAL FEE PAID** : \$40.00

METHOD OF PAYMENT : [X] Enclosed

Authorized to be charged to

deposit account

05/05/1999 MGORDON 00000029 09299583

FEE ENCLOSED: $S \lor C \lor C \lor$

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fee t No.

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April 27, 1999

Date

Steven M. Rabin (Reg. No. 29,102)

SMR:vap

Total number of pages including cover sheet, attachments and document: 2

PATENT REEL: 010413 FRAME: 0744

02 FC:581

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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Street, N.W., Washington, D.C. 20006, to insert here in parentheses (Application Serial No. T said application having been filed under the Patent Cooperation Treaty on designated. Serial No. The United States of America being Medical Cooperation (Serial No.) The United States of America being Medical Cooperation (Serial No.) The United States of America being Medical Cooperation (Serial No.) The United States of America being Medical Cooperation (Serial No.) The United States of America being Medical Cooperation (Serial No.) The United States of America being Medical Cooperation (Serial No.) The United States of America being Medical Cooperation (Serial No.) The United States of America being Medical Cooperation (Serial No.) The United States of America Cooperation (Serial No.) T	Name: Address: Signature: Name: Signature: Name: Address: Signature: Name: Address: Signature: Name: Signature: Signature: Signature: Signature:	Signature: Shunichi Takemura . Name Shinichi TAKEMURA Signature: Yasuhiro Goto Name: Chitoshi Vehi Name Chitoshi UEKI Signature: Name: PATENT
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The application having been filed under the Patent Cooperation Treaty on Serial No.) the United States of America being designated. AND WHEREAS KYOCERA CORPORATION of 6 Takeda Tobadono-cho, Fushimi-ku Kyote 612-8501, Japan hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignee, the receipt of which is hereby acknowledged, said assigner hereby assigns, sells and transfers to said assignee, and said application, including any and all and exclusive right, title and interest in and to said application, including any and all renewals, reissues and prolongations thereof, and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all frenewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and benefit of said assignee as the said assignee, and said assignee's successors and assigns, in as ample and benefit and any and all renewals, reissues and prolongations thereof, for the	Name: Address: Signature: Name: Signature: Address:	Name: Akihiko TAKAHASHI Signature: Shunichi Jakemura . Name Shinichi TAKEMURA Signature: Yasuhiro Goto Name: Yasuhiro GOTO
Said application having been filed under the Patent Cooperation Treaty on	Name: Address: Signature: Name: Name:	Name: Akihiko TAKAHASHI Signature: Shinichi Jakemura Name Shinichi TAKEMURA Signature: Yasuhiro Goto
Said application having been filed under the Patent Cooperation Treaty on	Name: Address: Signature: Signature:	Name: Akihiko TAKAHASHI Signature: Shinichi Jakemura Name Shinichi TAKEMURA Signature: Yasuhiro Goto
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Signature: Sig	Name: Address: Signature:	Name: Akihiko TAKAHASHI Signature: Shirichi Jakemura
Jaid application having been filed under the Patent Cooperation Treaty on	Name:	Name: Akihiko TAKAHASHI
The application serial number of said application when known;	Name:	
[] said application having been filed under the Patent Cooperation Treaty on		
The application serial number of said application when known; [] said application having been filed under the Patent Cooperation Treaty on	Signature:	Signature: <u>Akihiko Takohashi</u>
The application serial number of said application when known; [] said application having been filed under the Patent Cooperation Treaty on		
The application serial number of said application when known; [] said application having been filed under the Patent Cooperation Treaty on		•
The application serial number of said application when known; [] said application having been filed under the Patent Cooperation Treaty on		
authorization being hereby given to my attorneys, Steven M. Rabin, Thomas M. Champagne, and Robert H. Berdo, Jr. of RABIN & CHAMPAGNE, P.C., 1725 K		mber of said application when known; the Patent Cooperation Treaty on, the United States of America being, hereinafter referred to as the assignee, is interest in and to said application, including any and and to said invention and any and all patents which renewals, reissues and prolongations thereof; consideration of One Dollar (\$1.00), and other good gnee to said assignor, the receipt of which is hereby as, sells and transfers to said assignee, and said and exclusive right, title and interest in and to said and continuations thereof, and in and to said invention therefor, including any and all renewals, reissues and id assignee's successors and assigns, to have, hold, ding any and all divisions and continuations thereof, which may be granted therefor, including any and all with all the rights, powers, privileges and advantages of, for and during the term or terms of any and all such renewals, reissues and prolongations thereof, for the assignee's successors and assigns, in as ample and ght or could have held and enjoyed the same, if this enform, upon the request of said assignee, or said acts relating to the obtaining or to the asserting of eissues and prolongations thereof. set the Commissioner of Patents and Trademarks to be any and all divisions and continuations thereof,
	[] said application having been filed in a said application have been filed in a said appli	the United States Patent and Trademark Office on n being hereby given to my attorneys, Steven M. I. Berdo, Jr. of RABIN & CHAMPAGNE, P.C., 1725 K
[X] the inventor(s) declaration for said application being executed concurrently with the execution	 X the inventor(s) declaration for said applic of this instrument; said application to be filed in a said application having been filed in authorization. Rabin, Thomas M. Champagne, and Robert H. 	cation being executed concurrently with the execution in the United States Patent and Trademark Office; the United States Patent and Trademark Office on being hereby given to my attorneys, Steven M. I. Berdo, Jr. of RABIN & CHAMPAGNE, P.C., 1725 K
	relating to SAFETY DEVICE AND SECONDARY [X] the inventor(s) declaration for said application to be filed in said application having been filed in authorization. Rabin, Thomas M. Champagne, and Robert H.	BATTERY USING THE SAME , sation being executed concurrently with the execution in the United States Patent and Trademark Office; the United States Patent and Trademark Office on being hereby given to my attorneys, Steven M. H. Berdo, Jr. of RABIN & CHAMPAGNE, P.C., 1725 K