	Docket No.:				
FORM PTO-1595 (Modified) 06 - 06 - 20	U.S. DEPARTMENT OF COMMERCE				
(Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Copyright 1994-97 LegalStar					
PU8/REV02					
Tab settings → → ▼ 10211308 To the Honorable Commissioner of Patents and Trademarks: I	Blace record the attached original documents or conveners				
1. Name of conveying party(ies): Sharp Laboratories of America, Inc.	Name and address of receiving party(ies):				
4 2 2 2	Name: Sharp Kabushiki Kaisha				
6-3-02	Internal Address:				
Additional names(s) of conveying party(ies)					
3. Nature of conveyance:					
	Street Address: 22-22 Nagaiki-cho, Abino-ku				
☐ Security Agreement ☐ Change of Name					
☐ Other	City: Osaka, Japan State: ZIP:				
Execution Date: May 14, 2002	Additional name(s) & address(es) attached? Yes No				
4. Application number(s) or registration numbers(s):	6015918				
If this document is being filed together with a new application,					
A. Patent Application No.(s)	B. Patent No.(s)				
	Son				
}	See Stachment Min W				
	A (7)				
Additional numbers attact					
5. Name and address of party to whom correspondence					
concerning document should be mailed:	6. Total number of applications and patents involved: 75				
Name: David C. Ripma, Patent Counsel	7. Total fee (37 CFR 3.41):\$ 3,000.00				
Internal Address: Registration No. 27,672	☐ Enclosed - Any excess or insufficiency should be				
Sharp Laboratories of America, Inc.	credited or debited to deposit account				
	★ Authorized to be charged to deposit account				
Street Address: 5750 NW Pacific Rim Boulevard					
Street Address: 5750 NW Pacific Rim Boulevard 06/05/2002 GT0N11 00000214 500803 6015918	8. Deposit account number:				
	50-0803				
0) FC:581 3000.00 CH City: Camas State: WA ZIP: 98607					
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					
To the best of my knowledge and belief, the foregoing inform	alion is true and correct and any allached copy is a tide copy				
of the original document.	May 15, 2002				
David C. Ripma, Reg. No. 27,672 Name of Person Signing	Signature Date				
Total number of pages including cover sl					

PATENT REEL: 012946 FRAME: 0165 Attachment A ---- Continuation of Form PTO-1595 (Recordation Form Cover Sheet)

Conveying Party: Sharp Laboratories of America, Inc.

5750 N.W. Pacific Rim Blvd.

Camas, WA 98607

Receiving Party: Sharp Kabushiki Kaisha

22-22, Nagaiki-cho, Abino-ku

Osaka 545, Japan

U.S. Patent Nos. Conveyed - 75 Patents

6,015,918	6,169,013	6,242,771	6,331,859
6,047,088	6,173,069	6,249,613	6,332,033
6,052,556	6,178,403	6,256,714	6,339,245
6,060,755	6,188,274	6,259,828	6,342,925
6,070,167	6,188,520	6,262,773	6,343,094
6,078,307	6,190,925	6,272,180	6,346,977
6,085,104	6,190,963	6,281,022	6,346,978
6,088,066	6,194,310	6,281,377	6,348,373
6,090,963	6,200,866	6,283,472	6,350,699
6,091,767	6,204,176	6,285,711	6,351,523
6,111,619	6,205,168	6,285,804	6,352,899
6,111,991	6,205,260	6,288,420	6,356,658
6,113,239	6,208,632	6,289,061	6,356,665
6,117,691	6,219,839	6,297,539	6,356,672
6,130,911	6,225,197	6,297,848	6,372,034
6,134,569	6,226,388	6,303,502	6,377,790
6,141,056	6,233,357	6,309,071	6,377,811
6,148,092	6,236,395	6,320,621	6,178,403
6,157,412	6,236,757	6,326,977	

PATENT REEL: 012946 FRAME: 0166

Corporate to Corporate Assignment

WHEREAS, SHARP LABORATORIES OF AMERICA, INC., (hereinafter termed "SLA"), a corporation of the State of Washington, is, by one or more assignment documents recorded in the United States Patent and Trademark Office, the record owner of an interest in each of the United States Letters Patents listed on the attached "List of Assigned Patents -- May 14, 2002" (the listed patents being hereinafter termed "said patents") and in the inventions to which said patents pertain (hereinafter termed "said inventions"); and

WHEREAS, SHARP KABUSHIKI KAISHA (hereinafter termed "Sharp"), a Japanese Corporation, is the true and equitable owner of all patents which ultimately issue from patent applications filed by SLA covering inventions arising from research funded by Sharp under the terms of a mutual agreement between SLA and Sharp (hereinafter termed the "Basic Agreement"); and

WHEREAS, SLA and Sharp mutually acknowledge and agree that the terms of said Basic Agreement are applicable to said patents and said inventions and that, by operation of said Basic Agreement, Sharp is, upon issuance of each of said patents, the true and equitable owner of each of said patents and said inventions and, furthermore, that Sharp is entitled to assignment of any and all remaining ownership rights which SLA may possess in and to said patents and said inventions, including record ownership in the records of the United States Patent and Trademark Office;

NOW, THEREFORE, for good and valuable consideration acknowledged by SLA to have been received in full from Sharp:

1. SLA does hereby sell, assign, transfer, convey, and quitclaim unto Sharp all of SLA's right, title and interest in and to said patents and said inventions, including all of SLA's right, title and interest in and to (a) all rights to apply in any and all countries of the world for patents, certificates of inventions or other governmental grants on said inventions, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (b) each and every reissue or extension of any of said patents; and (c)

1 of 3

PATENT REEL: 012946 FRAME: 0167 each and every patent claim resulting from a re-examination certificate for any and all of said patents.

- 2. SLA covenants and agrees to cooperate with Sharp to enable Sharp to file for and obtain any rights under said patents which Sharp elects to pursue in or outside the United States and to enjoy to the fullest extent the entire right, title and interest in and to said patents and said inventions herein conveyed in the United States and other countries. Such cooperation by SLA shall include prompt assistance in enforcing the provisions of any and all assignments to SLA made by any and all inventors of the subject matter of said patents and said inventions by which terms said inventors are obligated to cooperate fully with SLA, its successors, assigns and other legal representatives in any legal proceedings involving said patents or said inventions.
- 3. The terms and covenants of this Assignment shall inure to the benefit of Sharp, its successors, assigns and other legal representatives, and shall be binding upon SLA, its successors, assigns and other legal representatives.
- 4. This Assignment consists of three (3) pages, page 3 being entitled "List of Assigned Patents -- May 14, 2002" and further identifying the following: Assignor: Sharp Laboratories of America, Inc.; Assignee: Sharp Kabushiki Kaisha; and the patents assigned herein under "U.S. Patent Nos."

Jon K. Clemens

President and CEO

Sharp Laboratories of America, Inc.

List of Assigned Patents -- May 14, 2002

Assignor: Sharp Laboratories of America, Inc.

Assignee: Sharp Kabushiki Kaisha

U.S. Patent Nos 75 Patents	U.	S .]	Pat	tent	Nos.	_	75	Pa	atents
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6,148,092	6,236,395	6,320,621	6,178,403
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PATENT
RECORDED: 06/03/2002 REEL: 012946 FRAME: 0169