

07-05-2001



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09/887872  
06/22/01

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Name (line 1) <input type="text" value="LIU, Ming-Sun"/>	Execution Date Month Day Year <input type="text" value="06222001"/>
Name (line 2) <input type="text"/>	
<b>Second Party</b>	
Name (line 1) <input type="text" value="AMIRKHANDIAN, Varouj"/>	Execution Date Month Day Year <input type="text" value="06222001"/>
Name (line 2) <input type="text"/>	

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**PATENT**  
**REEL: 011936 FRAME: 0455**

**Correspondent Name and Address** Area Code and Telephone Number (213) 830-5743

Name Wen Liu

Address (line 1) Liu & Liu LLP

Address (line 2) 811 West 7th Street, Suite 1100

Address (line 3) Los Angeles, California 90017

Address (line 4)

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Patent Application Number(s)

Patent Number(s)

091887872					

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year 06222001

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Authorization to charge additional fees: Yes  No

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WEN LIU  
Name of Person Signing

  
Signature

June 22, 2001  
Date

**JOINT ASSIGNMENT**

THIS ASSIGNMENT, by Ming-Sun Liu and Varouj Amirkhanian (hereinafter referred to as the assignors), residing at 2588 Chelsea Court, Brea, California, 92821 and 3831 El Caminito Street, La Crescenta, California, 91214, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in OPTICAL DETECTION IN BIO-SEPARATION DEVICE USING A WIDENED DETECTION ZONE, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; and

WHEREAS, BIOCAL TECHNOLOGY, INC., a corporation duly organized under and pursuant to the laws of the State of California and having its principal place of business at 1920 East Katella Avenue, Suite O, Orange, California, 92867 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

<u>6/22/2001</u> Date	<u>Ming-Sun Liu</u> Name: Ming-Sun Liu
<u>6/22/2001</u> Date	<u>Varouj Amirkhanian</u> Name: Varouj Amirkhanian