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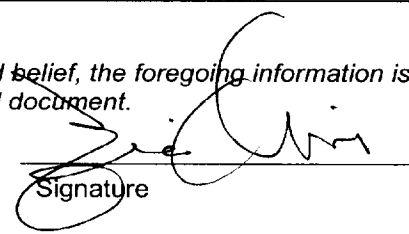
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Form PTO-1595

RECORDA

U.S. Department of Commerce  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

<p>1. Name of conveying party(ies): Athanassios Dimas, Isaac Lottati, Peter Bernard, James P. Collins and James C. Geiger</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: <u>Vorcat, Inc.</u></p> <p>Internal Address:</p> <p>Street Address: <u>1370 Piccard Drive Suite 210 Rockville, Maryland 20850</u></p> <p>City: <u>Rockville</u></p> <p>State: <u>Maryland</u> Zip: <u>20850</u></p> <p>Country: <u>U.S.A.</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date(s): <u>6/23/99</u></p> <p>4. Application number(s) or patent number(s): <u>09/401,184</u> If this document is being filed together with a new application, the Execution date(s) of the new application is (are): <u>9/22 and 9/23/99</u></p> <p>A. Patent Application No.(s): _____ B. Patent No.(s): _____</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>DICKSTEIN SHAPIRO MORIN &amp; OSHINSKY LLP</u></p> <p>Internal Address: <u>Atty. Dkt.: K8132.0001/P001</u></p> <p><u>Eric Oliver</u></p> <p>Street Address: <u>2101 L Street NW</u></p> <p>City: <u>Washington</u> State: <u>DC</u> Zip: <u>20037 - 1526</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 C.F.R 3.41) \$ <u>\$40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Credit any overpayment or debit any underpayment</p> <p>8. Deposit account number: <u>4 - 1073</u></p>
<p>DO NOT USE THIS SPACE</p>	
<p>9. Statement and signature. <i>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.</i></p> <p><u>Eric Oliver</u>  <u>9/23/99</u></p> <p>Signature Date</p> <p>Reg. No. <u>35,307</u></p>	
<p>Total number of pages including cover sheet, attachments, and document: <u>9</u></p>	

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09/23/99  
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10/1/1999 MPEPLES  
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continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that 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, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will 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 any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or 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 an Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any non provisional application, division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

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

AND Assignors hereby grant the following individuals 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 United States Patent and Trademark Office for recordation of this document:

**Dickstein Shapiro Morin and Oshinsky LLP**

Gary M. Hoffman, 26,411; Thomas J. D'Amico, 28,371; Donald A. Gregory, 28,954; James W. Brady, Jr., 32,115; Jon D. Grossman, 32,699; Mark J. Thronson, 33,082; Laurence E. Fisher, 37,131; John R. Fuisz, 37,327; Brian A. Lemm, 43,748; Gianni Minutoli, 41,198; Eric Oliver, 35,307; William E. Powell, III, 39,803; James M. Silbermann, 40,413.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date:

6/23/99

*Athanasios Dimas*  
Athanasios Dimas

United States of America )

State of Maryland )

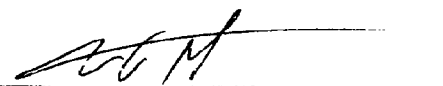
County of Montgomery )

ss.: 030-66-1828

On this 23rd day of June, 1999, before me personally came Athanasios Dimas, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*Patricia M. Lynch*  
Notary Public

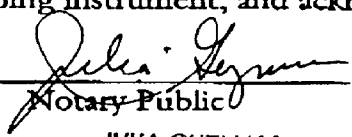
PATRICIA M. LYNCH  
NOTARY PUBLIC STATE OF MARYLAND  
My Commission Expires February 9, 2003


  
Isaac Lottati

Date: 6/23/99

United States of America )  
State of Maryland )ss.:  
County of Montgomery )

On this 23rd day of June, 1999, before me personally came Isaac Lottati, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

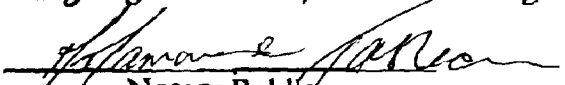
  
Notary Public  
JULIA GUZMAN  
NOTARY PUBLIC STATE OF MARYLAND  
My Commission Expires November 6, 1999

  
Peter Bernard

Date: June 23, 1999

United States of America )  
State of Maryland )ss.:  
County of Montgomery )

On this 23<sup>rd</sup> day of June, 1999, before me personally came Peter Bernard, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public  
MOHAMMAD TASLEEM  
NOTARY PUBLIC STATE OF MARYLAND  
My Commission Expires August 10, 2002

James P. Collins  
James P. Collins

Date: 6/23/99

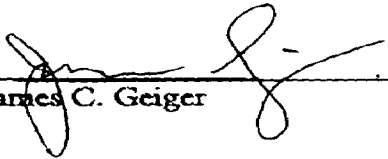
United States of America )  
State of Maryland )ss.:  
County of Montgomery )

On this 23<sup>rd</sup> day of June, 1999, before me personally came James P. Collins, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Mohammad Tasleem  
Notary Public  
MOHAMMAD TASLEEM  
NOTARY PUBLIC STATE OF MARYLAND  
My Commission Expires August 10, 2002

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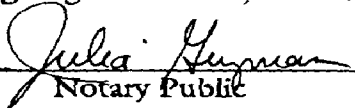


  
James C. Geiger

Date: 6/23/99

United States of America )  
State of Maryland )ss.:  
County of Montgomery )

On this 23rd day of June, 1999, before me personally came James C. Geiger, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

JULIA GUZMAN  
NOTARY PUBLIC STATE OF MARYLAND  
My Commission Expires November 6, 1999