505283521 01/17/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	2

CONVEYING PARTY DATA

Name	Execution Date
JOHN WHITE	01/11/2010
JASON GURLEY	01/11/2010
STEVEN FAES	01/12/2010
JOSEPH MCGINTY	01/12/2010
WADE PATTERSON	01/11/2010

RECEIVING PARTY DATA

Name:	SYNAPSE	
Street Address:	132 EXPORT CIRCLE	
City:	HUNTSVILLE	
State/Country:	ALABAMA	
Postal Code:	35806	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	13071968
Application Number:	14091789

CORRESPONDENCE DATA

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Address Line 2: SUITE 4700, ATTN: IP DEPARTMENT CHARLOTTE, NORTH CAROLINA 28202

ATTORNEY DOCKET NUMBER:	044409-000044, 84
NAME OF SUBMITTER:	JEFFREY R. GRAY
SIGNATURE:	/Jeffrey R. Gray/
DATE SIGNED:	01/17/2019

505283521 PATENT REEL: 048047 FRAME: 0460

Total Attachments: 6 source=Assignment 2#page1.tif source=Assignment 2#page2.tif source=Assignment 2#page3.tif source=Assignment 2#page4.tif source=Assignment 2#page5.tif source=Assignment 2#page6.tif

PATENT REEL: 048047 FRAME: 0461

Attorney Docket No: 006979-001432 US

ASSIGNMENT OF INVENTION

WHEREAS, we, John White, a U.S. citizen residing at 479 Dupree Drive, Huntsville, Alabama 35806, USA; Jason Gurley, a U.S. citizen residing at 109 Palomino Court, Madison, Alabama 35758, USA; Steven Faes, a U.S. citizen residing at 4 Fourth Street, Canisteo, New York 14823, USA; Joseph McGinty, a U.S. citizen residing at 194 Brentwood Lane, Madison, Alabama 35758, USA; and Wade Patterson, a U.S. citizen residing at 117 Woodrow Balch Drive, Huntsville, Alabama, USA, have invented certain new and useful improvements for a "DOOR CLOSER ASSEMBLY", for which we made applications for Letters Patent identified in Schedule A;

AND WHEREAS, Synapse, a U.S. corporation having an address at 132 Export Circle, Huntsville, Alabama 35806, United States of America, hereinafter called the "Assignee," desires to acquire all right, title and interest in and to said invention and patent applications within the United States and its territorial possessions and all foreign countries, and any United States or foreign Letters Patent that may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which are hereby acknowledged, and with the intention of being legally bound hereby, we confirm that we have sold, assigned and transferred, and do hereby sell, assign and transfer to said Assignee the entire right, title and interest in and to our invention and patent applications identified in Schedule A within the United States of America and its territorial possessions and all foreign countries, and in and to any Letters Patent of the United States and all foreign countries that may be granted therefor, including all divisions, continuations, continuations-in-part, substitutes, patents of addition, reissues, reexaminations, renewals and extensions thereof, and the right to apply for Letters Patent in foreign countries with full benefit of such priorities as may now or hereafter be granted to us by local laws or by treaty, including any international convention for the protection of industrial property, together with the right to extend the protection of said United States Letters Patent to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its use and benefit and for the use and benefit of its successors or assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made. And we do hereby request and authorize the United States Commissioner of Patents and Trademarks, and any officials of foreign

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countries whose duty it is to issue patents on applications as aforesaid, to issue all said Letters Patent, when granted, in accordance with the terms of this assignment.

We further covenant and agree with the Assignee that we have full and unencumbered title to the invention and patent applications herein assigned, which title we warrant unto the Assignee, and we further agree that, when requested, we will, without demanding any further consideration therefor but at the expense of Assignee, do all lawful and just acts, including the execution and acknowledgement of instruments, that may be or become necessary for obtaining, sustaining or reissuing United States or foreign Letters Patent for the said invention and patent applications, and for maintaining and perfecting the Assignee's right to said invention, patent applications and Letters Patent particularly in cases of interference and litigation.

IN WITNESS WHEREOF, we, the inventors have executed this Assignment under seal.

OD COL	1-11-2010	
John White	Date	
STATE OF (1)		
STATE OF		
Before me personally appeared the	above-named John White, on this the	11 day of
ganuary, 20/0, to me known and	d known to be the inventor named and ack	nowledged that
he executed the foregoing instrument on his bel		
(Seal)	Ouring Putt Notary Public	· ·
	My Commission Expires 2.22.20	IP

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	1-11-2010
Jason Gurley	Date
STATE OF QQ) COUNTY OF QQQSQ)	
Januar, 2010, to me known	e above-named Jason Gurley, on this the day of and known to be the inventor named and acknowledged that behalf and pursuant to authority duly received.
(Seal)	Notary Public My Commission Expires 2 32 3010
Steven Faes	Date
STATE OF)	
COUNTY OF)	
• • • • •	e above-named Steve Faes, on this the day of wn and known to be the inventor named and acknowledged
	his behalf and pursuant to authority duly received.
(Seal)	Notary Public My Commission Hypires

	a secondary as control of the contro
Mer Mex	1-11-2010
Jason Gurley	Date
STATE OF OL)	
COUNTY OF <u>Madisin</u>	
Januar, 20/0, to me known	e above-named Jason Gurley, on this the day of and known to be the inventor named and acknowledged that behalf and pursuant to authority duly received.
	Notary Public
(Seal)	Notary Public
Agricultural State of the State	My Commission Expires 2 22 2010
Steven Faes	1/12/2010 Date
STATE OF N.Y.	
)	•
COUNTY OF STEUBEN	
	we above-named Steve Facs, on this the 13 day of what and known to be the inventor named and acknowledged
that he executed the foregoing instrument on	his behalf and pursuant to authority duly received.
(Seal)	Notary Public Notary Public
And the state of the state of	My Commission Expires May 12010
JUDITH M. ORDWAY Notary Public, State of New York Qualified in Steuben County No. 010R6041202 My Commission Expires May 1,	

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Joseph McGinty	/-/2-2010 Date
STATE OF Alabana) COUNTY OF Madison)	
	above-named Joe McGinty, on this the 12 day of and known to be the inventor named and acknowledged that half and pursuant to authority duly received.
(Seal)	Notary Public My Commission Expires 2-22-2010
Wade Patterson	<u> </u>
STATE OF <u>Al</u>) COUNTY OF <u>Madrix</u>)	
	bove-named Wade Patterson, on this the day of and known to be the inventor named and acknowledged that nalf and pursuant to authority duly received.
(Seal)	Notary Public My Commission Expires 2.32.3010

Attorney Docket No: 006979-001432 US

SCHEDULE A

Country	Application No.	Title	Filing Date
US	60/913,714	DOOR CLOSER	April 24, 2007
US	12/109,184	DOOR CLOSER ASSEMBLY	April 24, 2008
PCT	PCT/US08/61441	DOOR CLOSER ASSEMBLY	April 24, 2008
AU	Not yet assigned	DOOR CLOSER ASSEMBLY	April 24, 2008
BR	Not yet assigned	DOOR CLOSER ASSEMBLY	April 24, 2008
CA	Not yet assigned	DOOR CLOSER ASSEMBLY	April 24, 2008
CN	Not yet assigned	DOOR CLOSER ASSEMBLY	April 24, 2008
EP	08746802.1	DOOR CLOSER ASSEMBLY	April 24, 2008
IL	201749	DOOR CLOSER ASSEMBLY	April 24, 2008
MX	MX/a/2009/011565	DOOR CLOSER ASSEMBLY	April 24, 2008

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