PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5499370

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW FRENZ	03/19/2019
NICHOLAS M. KREIDBERG	03/25/2019
ANDREW STEPHEN WELTERS	03/04/2019
PAUL CHRISTOPHER NORTON	04/22/2019
JEFFREY MICHAEL CRANE	03/12/2019

RECEIVING PARTY DATA

Name:	MTS SYSTEMS CORPORATION
Street Address:	14000 TECHNOLOGY DRIVE
City:	EDEN PRAIRIE
State/Country:	MINNESOTA
Postal Code:	55344

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16213603

CORRESPONDENCE DATA

Fax Number: (612)334-3312

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 6123343222 Email:

skoehler@wck.com **Correspondent Name:** STEVEN M. KOEHLER

Address Line 1: 900 SECOND AVENUE SOUTH, SUITE 1400

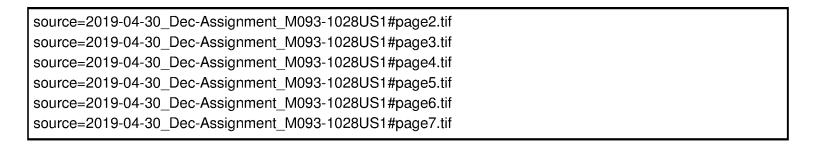
Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER: M093.1028US1 NAME OF SUBMITTER: STEVEN M. KOEHLER **SIGNATURE:** /Steven M. KoehleR/ **DATE SIGNED:** 04/30/2019

Total Attachments: 7

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PATENT REEL: 049033 FRAME: 0557



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M093.1028US1

FOR PRIORITY APPLICATION ENTERING UNITED STATES

SPECIFICATION AND INVENTORSHIP IDENTIFICATION

This assignment-declaration is directed to the subject matter which is claimed in the application entitled INTEGRATED MACHINE INFORMATION MANAGEMENT WITH APPLICATION INTERACTIVE USER INTERFACE, the specification of which having the above title and/or attorney docket number.

- X is attached hereto, or as previously filed with the USPTO,
- X based on U.S. Provisional Application No. 62/596,109, filed December 7, 2017;
- X was filed on December 7, 2018 as Appln. No. 16/213,603,

A. ASSIGNMENT

WHEREAS, MTS Systems Corporation (hereinafter referred to as Assignee), a corporation organized and existing under the laws of the State of Minnesota, and having offices at 14000 Technology Drive, Eden Prairie, MN 55344, is desirous of acquiring the entire right, title and interest in and to the above-identified invention(s), the application(s) and any and all Letters Patent(s) or similar legal protection, foreign or domestic, to be obtained therefor:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention(s), the above-identified application(s), any provisional to which the benefit is claimed, all inventions and improvements which are disclosed in the patent applications, all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent(s) which have been or shall be filed in the United States on any of said inventions and/or improvements, all rights of priority resulting from the filing of the above-identified patent application(s), and all Letters Patent or similar legal protection issuing thereon; and I authorize the Director of the United States Patent and Trademark Office to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and serial number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

B. DECLARATION

AUTHORIZATION TO PERMIT ACCESS TO APPLICATION BY PARTICIPATING OFFICE

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application.

FOR PRIORITY APPLICATION ENTERING UNITED STATES

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In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed; 2) any foreign application to which the above-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to petentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part.

If the above-identified application is to be or was filed on or after September 16, 2012:

- I declare that the above-identified application was made or authorized to be made by me.
- I believe I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

If the above-identified application was filed before September 16, 2012:

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed, and for which a patent is sought, on the subject matter which is claimed in the above-identified application.

I declare that all statements made herein that are of my own knowledge are true and that all statements that are made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

DESIGNATION OF CORRESPONDENCE ADDRESS

Please address all correspondence and telephone calls to Steven M. Koehler in care of

Customer Number 27367

Attorney Docket No.

FOR PRIORITY APPLICATION ENTERING UNITED STATES

M093.1028US1

Legal Name of Inventor: And	frew Frenz (Printed Name)		
Residence : 5555 Clinton Av	venue, Minneapolis, MN 55419		
STATE OF Minnesoto COUNTY OF HEMERIA	<u>)</u>) ss.		
COUNTY OF KENNEPIN)		
Subscribed and sworn to before	re me, a Notary Public, this \	74 day of Macch	n <i>2</i> 819
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Nbtary Public		C. C	ABER MARIE BAILEY
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Signature of Inventor: Legal Name of Inventor: Nict	holas M. Kreidberg	E	3
Legal Name of Inventor: Nich		Date :	3
Legal Name of Inventor: Nich	holas M. Kreidberg (Printed Name)	Date :	3
Legal Name of Inventor: Nich	holas M. Kreidberg (Printed Name) enue South, Bloomington, MN	Date :	3
Legal Name of Inventor : Nich Residence : 9601 Xylon Ave STATE OF	holas M. Kreidberg (Printed Name) enue South, Bloomington, MN	Date :	3
Legal Name of Inventor : <u>Nich</u> Residence : <u>9601 Xylon Ave</u>	holas M. Kreidberg (Printed Name) enue South, Bloomington, MN	Date :	3
Legal Name of Inventor: Nich Residence: 9601 Xylon Ave STATE OF COUNTY OF	holas M. Kreidberg (Printed Name) enue South, Bloomington, MN	Date :	3

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PATENT REEL: 049033 FRAME: 0561

Attorney Docket No.

FOR PRIORITY APPLICATION ENTERING UNITED STATES

M093.1028US1

Signature of Inventor:	Date:
Legal Name of Inventor : Andrew Frenz	
(Printed Name)	
Residence: 5555 Clinton Avenue, Minneapolis, MN 55419	·w
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STATE OF)	
) 85.	
COUNTY OF)	
Subscribed and sworn to before me, a Notary Public, thisd	ay of
Notary Public	
	(SEAL)
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$M \sim M$	**************************************
Signature of Inventor: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Date: 3/25/2019
<u> </u>	
Legal Name of Inventor : Nicholas M. Kreidberg	
(Printed Name)	
Residence: 9601 Xylon Avenue South, Bloomington, MN 55438	
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STATE OF 1 SET FOR TAX	
COUNTY OF KLANGAN) **	
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Subscribed and swom to before me, a Notary Public, this 25% de	19 of MARON 2019
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Lill vir a fill of the state of	JANA L. FREEBURG HECKER
Hotally Public	Notary Public
	State of Militerial
	January 31, 2021

Attorney Docket No.

FOR PRIORITY APPLICATION ENTERING UNITED STATES

M093.1028US1

Signature of Inventor: Owlyw Wilton Date: 3/4/2019	7
Legal Name of Inventor : Andrew Stephen Welters	
(Printed Name) Residence: 3754 16 th Avenue South, Apt. 2, Minneapolis, MN 55407	
STATE OF Minnesota) SS. COUNTY OF Hennepin) SS.	
Subscribed and sworn to before me, a Notary Public, this 4th day of MOUN. 2019.	
Norwy Public JANA L. FREEBURG HECKER Notary Public State of Minnesota My Commission Expires January 31, 2021	(SEAL)
Signature of Inventor: Date:	
Legal Name of Inventor : Paul Christopher Norton (Printed Name)	
Residence: 5621 Minnetonka Boulevard, Apt. 206, St. Louis Park, MN 55416	
STATE OF) ss.	
COUNTY OF	
Subscribed and sworn to before me, a Notary Public, thisday of	
Notary Public	(SEAL)

Attorney Docket No.

FOR PRIORITY APPLICATION ENTERING UNITED STATES M093.1028US1

Signature of Inventor:	Date :
Legal Name of Inventor : Andrew Stephen Welters	
(Printed Name) Residence : <u>3754 16th Avenue South, Apt. 2, Minn</u>	eapolis, MN 55407
STATE OF)	
STATE OF) ss. COUNTY OF)	
Subscribed and swom to before me, a Notary Public	, thisalay of
Notary Public	(SEAL)
Signature of Inventor : Paul Nest	s a company and the second
	Date: 4/22/20/9
Legal Name of Inventor : <u>Paul Christopher Norton</u> (Printed Name) Residence : 5621 Mignetanka Boulevard, Ant. 206	
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Subscribed and swom to before me, a Notary Public	, this 22nd day of April 2019.
Mrs 17 Wen	·
Notary Public	

(SEAL)

Attorney Docket No.

FOR PRIORITY APPLICATION ENTERING UNITED STATES

M093.1028US1

Signature of Inventor:	Date: 3/12	12519
Legal Name of Inventor : <u>Jeffrey Michael Crane</u> (Printed Name)		,
Residence: 5428 Kimberly Road, Minnetonka, MN 55	345	
STATE OF MINNUOTA) ss.		
Subscribed and swom to before me, a Notary Public, this	12m day of Mach	2019
Ager Du UU		
Notacy Public	A CHARTENING MOTERN	BURG HECKER (SEAL) / Public Minnesota sion Expires 31, 2021