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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
95/000,657	01/19/2012	6366130	19968-0006RX1	8472
74642	7590	01/23/2013	EXAMINER	
CLIFFORD H. KRAFT 320 ROBIN HILL DR. NAPERVILLE, IL 60540			HUGHES, DEANDRA M	
			ART UNIT	PAPER NUMBER
			3992	
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Transmittal of Communication to Third Party Requester Inter Partes Reexamination	Control No. 95/000,657	Patent Under Reexamination 6366130	
	Examiner Deandra M. Hughes	Art Unit 3992	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address. --

(THIRD PARTY REQUESTER'S CORRESPONDENCE ADDRESS)

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Minneapolis, MN 55440-1022

Enclosed is a copy of the latest communication from the United States Patent and Trademark Office in the above-identified reexamination proceeding, 37 CFR 1.903.

Prior to the filing of a Notice of Appeal, each time the patent owner responds to this communication, the third party requester of the *inter partes* reexamination may once file written comments within a period of 30 days from the date of service of the patent owner's response. This 30-day time period is statutory (35 U.S.C. 314(b)(2)), and, as such, it cannot be extended. See also 37 CFR 1.947.

If an *ex parte* reexamination has been merged with the *inter partes* reexamination, no responsive submission by any *ex parte* third party requester is permitted.

All correspondence relating to this *inter partes* reexamination proceeding should be directed to the **Central Reexamination Unit** at the mail, FAX, or hand-carry addresses given at the end of the communication enclosed with this transmittal.

<i>ACTION CLOSING PROSECUTION (37 CFR 1.949)</i>	Control No.	Patent Under Reexamination
	95/000,657	6366130
	Examiner	Art Unit
	Deandra M. Hughes	3992

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address. --

Responsive to the communication(s) filed by:

Patent Owner on 01 May, 2012

Third Party(ies) on 06 July, 2012

Patent owner may once file a submission under 37 CFR 1.951(a) within 1 month(s) from the mailing date of this Office action. Where a submission is filed, third party requester may file responsive comments under 37 CFR 1.951(b) within 30-days (not extendable- 35 U.S.C. § 314(b)(2)) from the date of service of the initial submission on the requester. **Appeal cannot be taken from this action.** Appeal can only be taken from a Right of Appeal Notice under 37 CFR 1.953.

All correspondence relating to this inter partes reexamination proceeding should be directed to the **Central Reexamination Unit** at the mail, FAX, or hand-carry addresses given at the end of this Office action.

PART I. THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

1. Notice of References Cited by Examiner, PTO-892
2. Information Disclosure Citation, PTO/SB/08
3. _____

PART II. SUMMARY OF ACTION:

- 1a. Claims 1,2,5-7 and 9-12 are subject to reexamination.
- 1b. Claims 3,4 and 8 are not subject to reexamination.
2. Claims _____ have been canceled.
3. Claims 1,2 and 5-7 are confirmed. [Unamended patent claims]
4. Claims 12 are patentable. [Amended or new claims]
5. Claims 9-11 are rejected.
6. Claims _____ are objected to.
7. The drawings filed on _____ are acceptable are not acceptable.
8. The drawing correction request filed on _____ is: approved. disapproved.
9. Acknowledgment is made of the claim for priority under 35 U.S.C. 119 (a)-(d). The certified copy has:
 - been received. not been received. been filed in Application/Control No _____
10. Other _____

Art Unit: 3992

INTER PARTES REEXAMINATION ACTION CLOSING PROSECUTION

1. This is an action closing prosecution in the *inter partes* reexamination of USP 6,366,130. ("**130 patent**")

- **Claims 1-2 and 5-7** were ordered for reexamination.
- **Claims 3-4 and 8** were not ordered for reexamination.
- New **claims 9-12** of the claim amendment filed May 1, 2012 have been entered.
- Patent Owner's ("PO") remarks filed May 1, 2012 have been entered.
- Third Party Requester's ("3PR") comments filed July 6, 2012 have been entered.

2. Accordingly, **claims 1-2, 5-7, and 9-12** are under reexamination.

References

3. The following references are applied in this action:

- EP 0 597 231 to Hardee published May 18, 1994. ("**Hardee**")
- Declaration of David L. Taylor executed Jul. 6, 2012. ("**Taylor Declaration**")
- Declaration of Dr. Philip Koopman executed Apr. 29, 2012. ("**Koopman Declaration**")

Summary of this Action

4. The following is a summary of this action:

- **Claims 1-2 and 5-7** are confirmed as patentable.
- **Claim 12** is allowed as patentable.
- **Claims 9-11** are rejected under 35 USC 112-1st ¶.

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Response to PO's Remarks and 3PR's Comments

5. PO's remarks, 3PR's comments, the **Taylor Declaration**, and the **Koopman Declaration** have been considered and weighed and 3PR's argument is found not persuasive for the reasons below. As such, the rejection of **claims 1-2 and 5-7** as being anticipated by **Hardee** is withdrawn.

6. **Claims 1-2, 5-7, and 9-12** require, *inter alia*, (1) a voltage precharge source, (2) differential bus, and (3) a differential data bus.

The Examiner's outline of **claim 1**, which is the only independent claim under reexamination, is reproduced below.

A data transfer arrangement comprising:

- two bus drivers;
- a voltage precharge source;
- a differential bus coupled to the bus drivers and to the voltage precharge source;
- a latching sense amplifier coupled to the differential bus;
- wherein the latching sense amplifier comprises:
 - a first stage including a cross-coupled latch coupled to a differential data bus; and
 - an output stage coupled to an output of said first stage;
 - wherein the output of the first stage is coupled to an input of the output stage;
 - wherein the differential bus and the differential data bus are precharge to a voltage V_{pr} between V_{dd} and ground, where $V_{pr}=K*V_{dd}$, and K is a precharging voltage factor.

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