02-08-2001 tet No.: U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 (Modified) REC((Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp.4/94) Copyright 1994-97 LegalStar 101608703 Tab settings -To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): 1. Name of conveying party(ies): Xinhui Niu Nickhil H. Jakatdar Name Timbre Technology, Inc. Internal Address: ☐ Yes 🗶 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Street Address: 5341 Randall Place Merger ■ Assignment ☐ Change of Name ☐ Security Agreement City: Fremont _____ State: CA ZIP: 94538 Other Execution Date: 1/29/01 Additional name(s) & address(es) attached?

Yes X No 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) 02/01/2001 VYANG1 00000037 09772148 40.00 BP 02 FC:581 ☐ Yes ☐ No Additional numbers attached? 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: John R. Ross, III 7. Total fee (37 CFR 3.41):....\$ 40.00 Internal Address: Ross Patent Law Office Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account Street Address: P.O. Box 2138 8. Deposit account number: 200678 State: CA ZIP: 92014 City: Del Mar DO NOT USE THIS SPACE

Total number of pages including cover sheet, attachments, and document: PATENT

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy

9. Statement and signature.

John R. Ross, III

of the original document.

Name of Person Signing

1/29/01

Date

ASSIGNMENT OF INVENTION AND PATENT APPLICATION

For value received, Xinhui Niu and Nickhil H. Jakatdar (hereinafter assignor(s)) hereby sells, assigns, transfers and sets over unto

Timbre Technology, Inc. with offices in Fremont, CA

and its successors or assigns (hereinafter assignee), a 100% interest in the following:

- (A) Assignor's right, title and interest in and to the invention entitled "METHOD AND APPARATUS FOR THE DETERMINATION OF MASK RULES USING SCATTEROMETRY" invented by assignor(s);
 - (B) the application for the United States patent therefore, signed by assignor(s) on (29/0):
 - (C) any patent or reissues of any patent that may be granted thereon; and
- (D) any applications which are continuations, continuations-in-part, substitutions, or divisions of said application.

Assignor(s) hereby further sells, assigns, transfers, and sets over unto assignce, assignor's entire right, title and interest in and to said invention in each and every country foreign to the United States; and assignor(s) further conveys to assignee the priority rights resulting from the above-identified application for United States patent. Assignors agree to execute all papers, give any required testimony and perform other lawful acts, at assignee's expense, as assignee may require to enable assignee to perfect assignee's interest in any resulting patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey, and uphold the validity of the said patent and reissues and extensions thereof, and assignee's interest therein.

In testimony whereof assignor has executed this Assignment on the date stated.

(Signature)

Signature)

01/25

Date

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RECORDED: 01/29/2001

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