Claims 3, 5, 8, 10, 14, 16, 17, 19, 22, and 24 of the '163 patent are unpatentable under 35 U.S.C. § 103(a) as Obvious Over *Bernasconi* in View of *INOMAX label*, *Loh*, *Goyal*, and *Macrae*.

U.S. Pat. No. 8,431,163	Bernasconi, INOMAX label, Loh, Goyal, and Macrae
CLAIM 3	
The method of claim 1, wherein the patient's left ventricular	All the elements of the independent claim from which this claim depends are disclosed in Bernasconi, INOMAX label, Loh, and Goyal as outlined in Ex. 1039 in Claim 1.
dysfunction is attributable to	Macrae teaches left ventricular dysfunction ("LVD") can be attributable to congenital heart disease.
congenital heart disease.	Inhaled NO exposure may even be harmful in some babies with congenital heart disease, such as those with obstructed total anomalous pulmonary venous drainage or severe left ventricular dysfunction with right-to-left ductal shunting
	Ex. 1008 at 374.
CLAIM 5	
1 -	All the elements of the independent claim from which this claim depends are disclosed in Bernasconi, INOMAX label, Loh, and Goyal as outlined in Ex. 1039 in Claim 4. Macrae teaches LVD can be attributable to congenital heart
attributable to congenital heart disease.	Inhaled NO exposure may even be harmful in some babies with congenital heart disease, such as those with obstructed total anomalous pulmonary venous drainage or severe left ventricular dysfunction with right-to-left ductal shunting Ex. 1008 at 374.



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8,431,163 CLAIM 8	
The method of claim 6, wherein the left ventricular dysfunction of the first patient is attributable to congenital heart disease.	All the elements of the independent claim from which this claim depends are disclosed in Bernasconi, INOMAX label, Loh, and Goyal as outlined in Ex. 1039 in Claim 6. Macrae teaches LVD can be attributable to congenital heart disease. Inhaled NO exposure may even be harmful in some babies with congenital heart disease, such as those with obstructed total anomalous pulmonary venous drainage or severe left ventricular dysfunction with right-to-left ductal shunting
	Ex. 1008 at 374.
CLAIM 10	
9, wherein the left ventricular dysfunction of the first patient is attributable to congenital heart disease.	All the elements of the independent claim from which this claim depends are disclosed in Bernasconi, INOMAX label, Loh, and Goyal as outlined in Ex. 1039 in Claim 9. Macrae teaches LVD can be attributable to congenital heart disease. Inhaled NO exposure may even be harmful in some babies with congenital heart disease, such as those with obstructed total anomalous pulmonary venous drainage or severe left ventricular dysfunction with right-to-left ductal shunting Ex. 1008 at 374.
CLAIM 14	
The method of claim 12, wherein the left ventricular dysfunction is attributable to congenital heart disease.	All the elements of the independent claim from which this claim depends are disclosed in Bernasconi, INOMAX label, Loh, and Goyal as outlined in Ex. 1039 in Claim 12. Macrae teaches LVD can be attributable to congenital heart disease.



U.S. Pat. No. 8,431,163	Bernasconi, INOMAX label, Loh, Goyal, and Macrae
	Inhaled NO exposure may even be harmful in some babies with congenital heart disease, such as those with obstructed total anomalous pulmonary venous drainage or severe left ventricular dysfunction with right-to-left ductal shunting
	Ex. 1008 at 374.
CLAIM 16	
The method of claim 15, wherein the left ventricular dysfunction of the patient is attributable	All the elements of the independent claim from which this claim depends are disclosed in Bernasconi, INOMAX label, Loh, and Goyal as outlined in Ex. 1039 in Claim 15. Macrae teaches LVD can be attributable to congenital heart
to congenital heart disease.	Inhaled NO exposure may even be harmful in some babies with congenital heart disease, such as those with obstructed total anomalous pulmonary venous drainage or severe left ventricular dysfunction with right-to-left ductal shunting
	Ex. 1008 at 374.
CLAIM 17	
The method of claim 13, wherein the left ventricular dysfunction of the patient is attributable to congenital heart disease.	All the elements of the independent claim from which this claim depends are disclosed in Bernasconi, INOMAX label, Loh, and Goyal as outlined in Ex. 1039 in Claim 13. Macrae teaches LVD can be attributable to congenital heart disease. Inhaled NO exposure may even be harmful in some babies with congenital heart disease, such as those with obstructed total anomalous pulmonary venous drainage or severe left ventricular dysfunction with right-to-left ductal shunting Ex. 1008 at 374.
CLAIM 19	
The method of claim 18, wherein the left ventricular dysfunction of the	All the elements of the independent claim from which this claim depends are disclosed in Bernasconi, INOMAX label, Loh, and Goyal as outlined in Ex. 1039 in Claim 18.



Bernasconi, INOMAX label, Loh, Goyal, and Macrae
Macrae teaches LVD can be attributable to congenital heart disease.
Inhaled NO exposure may even be harmful in some babies with congenital heart disease, such as those with obstructed total anomalous pulmonary venous drainage or severe left ventricular dysfunction with right-to-left ductal shunting
Ex. 1008 at 374.
All the elements of the independent claim from which this claim depends are disclosed in Bernasconi, INOMAX label, Loh, and Goyal as outlined in Ex. 1039 in Claim 20. Macrae teaches LVD can be attributable to congenital heart disease. Inhaled NO exposure may even be harmful in some babies with congenital heart disease, such as those with obstructed total anomalous pulmonary venous drainage or severe left ventricular dysfunction with right-to-left ductal shunting Ex. 1008 at 374.
Lx. 1006 at 374.
All the elements of the independent claim from which this claim depends are disclosed in Bernasconi, INOMAX label, Loh, and Goyal as outlined in Ex. 1039 in Claim 23. Macrae teaches LVD can be attributable to congenital heart disease. Inhaled NO exposure may even be harmful in some babies with congenital heart disease, such as those with obstructed total anomalous pulmonary venous drainage or severe left ventricular dysfunction with right-to-left ductal shunting Ex. 1008 at 374.

